

Tools

Date ▾ (<https://groups.io/g/AAT/search?p=Created,,posterid%3A3799503,20,1,0,0>)

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Bonobo Genome Completed (<https://groups.io/g/AAT/message/60640?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,0,64992936)

Hello Rob... :-) If those in the Caucasus were 'lost', what does it say for those who possibly left evidence of their tool use at Riwat (Pabbi hills, Pakistan) some 1.9 Mya. <http://sheilamishra.wordpr>

By m3dodds · #60640 · 6/30/13

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Bonobo Genome Completed (<https://groups.io/g/AAT/message/60608?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,0,64992936)

So far there is no evidence that hominins were in Europe, or elsewhere outside mainland Africa 3 to 4 million years ago... someone however may find evidence that they were, but so far there is nothing

By m3dodds · #60608 · 6/19/13

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Bonobo Genome Completed (<https://groups.io/g/AAT/message/60598?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,0,64992936)

Probably it was too early for there to be hominins in Europe, as the chimpanzee retrovirus (PtERV1) infected the ancestor of the extant chimpanzee sometime between 3 and 4 Mya ... Sexual reproduction

By m3dodds · #60598 · 6/18/13

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Bonobo Genome Completed (<https://groups.io/g/AAT/message/60596?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,0,64992936)

Hello Rob... OK There are differing opinions, some regard them as a distinct species; others think they are just an early version of the H.erectus that somehow got themselves lost in the Caucasus. As

By m3dodds · #60596 · 6/17/13

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Bonobo Genome Completed (<https://groups.io/g/AAT/message/60566?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,0,64992936)

The chimpanzee virus (PtERV1) reappeared in Africa and possibly east Asia to infect monkeys like macaques ... at around the time the extant chimpanzee and bonobo diverged at around 1.5 or 1.6 Mya. (Hu

By m3dodds · #60566 · 6/10/13

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Bonobo Genome Completed (<https://groups.io/g/AAT/message/60553?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,0,64992936)

If you do, I would be interested in hearing it... One answer: could be that it was transmitted by contact, if so PtERV1 could simply have been confined to rainforest, and edge of the rainforest specie

By m3dodds · #60553 · 6/09/13

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Bonobo Genome Completed (<https://groups.io/g/AAT/message/60549?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,0,64992936)

Could be pretty costly in the short run if it ever became a pandemic, as the fatality rate for some versions the Ebola virus is still high. The last serious pandemic... was one that followed the first

By m3dodds · #60549 · 6/08/13

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Bonobo Genome Completed (<https://groups.io/g/AAT/message/60547?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,0,64992936)

Perhaps... However, there are some very nasty viruses, "alive and well", out in the wild that you would not want to encounter today, such as ebola(EBOV)... as it is not a pleasant way to die. <http://>

By m3dodds · #60547 · 6/08/13

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Bonobo Genome Completed (<https://groups.io/g/AAT/message/60545?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,0,64992936)

somitcw No, but geographical isolation would be a plausible way of evading PtERV1 if it was an airborne infection. (one of at least three ways viruses spread) Good point, but there is little evidence

By m3dodds · #60545 · 6/07/13

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Bonobo Genome Completed (<https://groups.io/g/AAT/message/60539?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,0,64992936)

Hello Rob... Yes speciation was the 'consequence'; however it may have taken some time... once the CHLCA was two geographically isolated groups. Perhaps, though in the interests of accuracy genus Homo  
By m3dodds · #60539 · 6/05/13

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Bonobo Genome Completed (<https://groups.io/g/AAT/message/60460?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,0,64992936)

--- In AAT@..., "Rob Dudman" <ausell@...> wrote: Hello Rob... > > Hello Bill..... > > > > > They appear convinced that the inactivation occurred just prior to > > > the emergence of

By m3dodds · #60460 · 5/24/13

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WAS: Johanson & Gee 20 years retarded - NOW: aquatic mammals (<https://groups.io/g/AAT/message/60433?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,0,64996973)

Baleen whales... The difference is they are filter feeders, they swim with the mouth open filtering out small prey from the water. While their toothed kin, the other whales make good use of their carn

By m3dodds · #60433 · 5/17/13

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Re : Re: Johanson & Gee 20 years retarded - emotional reactions = no arguments

(<https://groups.io/g/AAT/message/60432?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,0,64996871>)

That seems to be the case, the difference between toothed and baleen is the latter are filter feeders, using the mouth to filter out of water small prey like krill, shrimp, small fish and crustaceans.

By m3dodds · #60432 · 5/17/13

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Re : Re: Johanson & Gee 20 years retarded - emotional reactions = no arguments

(<https://groups.io/g/AAT/message/60429?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,0,64996871>)

Killer whale attacks seal <https://www.youtube.com/watch?v=XvJ8ujulLg8> aquatic mammals and semi-aquatic mammals, with maybe one or two exceptions are carnivores.

By m3dodds · #60429 · 5/17/13

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Re : Re: Johanson & Gee 20 years retarded - emotional reactions = no arguments

(<https://groups.io/g/AAT/message/60397?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,0,64996871>)

To be honest I found the fantasy film Avatar and its blue inhabitants living in harmony with nature somewhat foolish... Only time an organism is in harmony with nature... is when it is no longer striv

By m3dodds · #60397 · 5/15/13

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Bonobo Genome Completed (<https://groups.io/g/AAT/message/60395?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,0,64992936)

Hello Rob... As said geologists may get away with using that particular definition of "shortly" (assuming the inactivation occurred 2.8 Mya, and the earliest member of Homo arrived on the scene some 2

By m3dodds · #60395 · 5/15/13

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Johanson & Gee 20 years retarded - emotional reactions = no arguments

(<https://groups.io/g/AAT/message/60390?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,0,64996845>)

Somebody has been watching Avatar... [https://en.wikipedia.org/wiki/Avatar\\_%282009\\_film%29](https://en.wikipedia.org/wiki/Avatar_%282009_film%29)

By m3dodds · #60390 · 5/14/13

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Bonobo Genome Completed (<https://groups.io/g/AAT/message/60368?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,0,64992936)

By m3dodds · #60368 · 5/07/13

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Bonobo Genome Completed (<https://groups.io/g/AAT/message/60326?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,0,64992936)

By m3dodds · #60326 · 4/25/13

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Bonobo Genome Completed (<https://groups.io/g/AAT/message/60287?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,0,64992936)

By m3dodds · #60287 · 4/13/13

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Bonobo Genome Completed (<https://groups.io/g/AAT/message/60241?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,20,64992936)

By m3dodds · #60241 · 3/31/13

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Bonobo Genome Completed (<https://groups.io/g/AAT/message/60195?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,20,64992936)

Bonobo Genome Completed (<https://groups.io/g/AAT/message/60178?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,20,64992936)

By m3dodds · #60178 · 3/13/13

Bonobo Genome Completed (<https://groups.io/g/AAT/message/60120?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,20,64992936)

By m3dodds · #60120 · 2/26/13

Bonobo Genome Completed (<https://groups.io/g/AAT/message/60075?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,20,64992936)

By m3dodds · #60075 · 2/13/13

Seaweed: Food or Slimy Green Stuff? (<https://groups.io/g/AAT/message/60046?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,20,64995726)

What is seaweed... [quote] "...Seaweeds are marine algae, saltwater dwelling, simple organisms that fall into the rather outdated general category of "plants". Most of them are the red (6000 species)

By m3dodds · #60046 · 2/08/13

Bonobo Genome Completed (<https://groups.io/g/AAT/message/60029?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,20,64992936)

By m3dodds · #60029 · 2/02/13

Bonobo Genome Completed (<https://groups.io/g/AAT/message/59974?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,20,64992936)

--- In AAT@..., "Rob Dudman" wrote: Hello Rob... > Hello Bill..... > > > > ..... any species that had previously specialised > > (adapted) to the mega-lake environment i

By m3dodds · #59974 · 1/15/13

wrinkled fingertips for grasping objects in water ? (<https://groups.io/g/AAT/message/59950?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,20,64995388)

A trait humans have in common with monkeys... [quote] "At the moment, though, we have almost no data on which animals do and do not have prunes. I did find that macaques get pruneey, which suggests all

By m3dodds · #59950 · 1/09/13

Evolution of human lips? (<https://groups.io/g/AAT/message/59918?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,20,64995297)

nonsense... See: Out of the mouths of primates, facial mechanics of human speech may have evolved <http://www.princeton.edu/main/news/archive/S34/00/36M97/index.xml?section=topstories> Incidentally ...

By m3dodds · #59918 · 1/04/13

Bonobo Genome Completed (<https://groups.io/g/AAT/message/59909?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,20,64992936)

By m3dodds · #59909 · 12/30/12

Bonobo Genome Completed (<https://groups.io/g/AAT/message/59875?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,20,64992936)

Hello Rob... Perhaps, but as far as I understand it most mutations are copy-errors naturally occurring (when cells divide); external causes of a mutation would likely be attributed to radiation or cer

By m3dodds · #59875 · 12/10/12

Bonobo Genome Completed (<https://groups.io/g/AAT/message/59860?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,20,64992936)

Hello Rob... Would agree, as Perry et al. (2005) in using a larger amount of data is probably the more accurate of the two studies in giving a date of 5.3 Mya for the mutation ... instead of the Stead

By m3dodds · #59860 · 11/26/12

Bonobo Genome Completed (<https://groups.io/g/AAT/message/59828?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,20,64992936)

In AAT@..., "Rob Dudman" <ausell@...> wrote: Hello Rob... I may be wrong but her argument is largely based on the plasticity of the skull (which I do not think anyone would question) and t

By m3dodds · #59828 · 11/13/12

aquarboreal afarensis :- (https://groups.io/g/AAT/message/59798?

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,20,64994816)

The notion that Ethiopia (where the a.afarensis in question was found) was one large swamp forest for the duration of the Pliocene is somewhat unrealistic... And how on Earth can the a.afarensis, be a

By m3dodds · #59798 · 10/28/12

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aquarboreal afarensis :- (https://groups.io/g/AAT/message/59783?

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,20,64994816)

This is not new, as it has been suspected for a couple of years that the fully upright bipedal A.afarensis, still climbed trees. They probably nested at night for safety in trees, in their open forest

By m3dodds · #59783 · 10/27/12

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Bonobo Genome Completed (https://groups.io/g/AAT/message/59780?

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,20,64992936)

By m3dodds · #59780 · 10/27/12

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heart failure : better eat fish than omega-3 fatty acids (https://groups.io/g/AAT/message/59760?

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,20,64994726)

Fish linked to heart failure risk, omega-3 results mixed [http://www.nlm.nih.gov/medlineplus/news/fullstory\\_129863.html](http://www.nlm.nih.gov/medlineplus/news/fullstory_129863.html) "Overall, the researchers did not see an effect for blood levels of EPA or DHA, w

By m3dodds · #59760 · 10/14/12

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Bonobo Genome Completed (https://groups.io/g/AAT/message/59753?

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,20,64992936)

By m3dodds · #59753 · 10/08/12

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Berger 2012 JASs A.sediba (https://groups.io/g/AAT/message/59730?

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,20,64994647)

Agree... It (Au.sediba) ate wood and tree bark ... Hard foods, big jaws... The diet of Australopithecus sediba <http://www.nature.com/nature/journal/vaop/ncurrent/full/nature11185.html> [QUOTE] The two

By m3dodds · #59730 · 9/26/12

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Human Ancestors Were Nearly All Vegetarians (https://groups.io/g/AAT/message/59728?

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,40,64994644)

"Our guts do not seem to be specialized hominid guts; they are, instead, relatively generalized monkey/ape guts. Our guts are distinguished primarily (aside from our slightly enlarged appendix) by wha

By m3dodds · #59728 · 9/25/12

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180-ka Mutation Allowed Humans to Become Vegetarians (https://groups.io/g/AAT/message/59727?

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,40,64994630)

Yes and no, modern humans can be said to have been around for 200,000 years (the Omo 1 and Herto skulls from sites in Ethiopia are estimated to be 196,000 years old)... Arguably modern humans are Homo

By m3dodds · #59727 · 9/25/12

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Adaptive Evolution of the FADS Gene Cluster within Africa (https://groups.io/g/AAT/message/59723?

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,40,64994626)

More "Out of Africa", gobbledegook... "I sometimes think that intellectual commitment to recent Out-of-Africa-and-never-back is so strong, that the obvious explanation is overlooked. When Africans are

By m3dodds · #59723 · 9/24/12

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180-ka Mutation Allowed Humans to Become Vegetarians (https://groups.io/g/AAT/message/59722?

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,40,64994630)

What a load of nonsense... Brain size in humans was large, long before the emergence of modern humans (AMH). An modern humans, have been around longer that 180,000 years. -----

By m3dodds · #59722 · 9/24/12

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Bonobo Genome Completed (https://groups.io/g/AAT/message/59717?

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,40,64992936)

Hello Heather... Birds nest in all kinds of places, seabirds though like those on St.Kilda seem to favour cliffs, some don't even bother with an actual nest, they just lay their eggs on a rocky ledge

By m3dodds · #59717 · 9/23/12

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Bonobo Genome Completed (<https://groups.io/g/AAT/message/59711?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,40,64992936)

Hello Heather... Thanks for the link... Birds eggs were a significant part of the diet of the inhabitants of St.Kilda prior to the islands being abandoned in the early part of the last century. Instea

By m3dodds · #59711 · 9/22/12

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Bonobo Genome Completed (<https://groups.io/g/AAT/message/59707?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,40,64992936)

By m3dodds · #59707 · 9/21/12

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Skilled Hunters 300,000 Years Ago (<https://groups.io/g/AAT/message/59703?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,40,64994576)

Finds from early stone age site in north-central Germany show that human ingenuity is nothing new – and was probably shared by now-extinct species of humans. Archeologists from the University of Tübin

By m3dodds · #59703 · 9/17/12

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ENCODE (<https://groups.io/g/AAT/message/59692?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,40,64994519)

By m3dodds · #59692 · 9/11/12

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Bonobo Genome Completed (<https://groups.io/g/AAT/message/59683?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,40,64992936)

By m3dodds · #59683 · 9/07/12

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Bonobo Genome Completed (<https://groups.io/g/AAT/message/59662?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,40,64992936)

By m3dodds · #59662 · 8/31/12

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First Man to Walk on the Moon Dies (<https://groups.io/g/AAT/message/59598?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,40,64994196)

"That's one small step for a man, one giant leap for mankind" NEIL ARMSTRONG 1930 - 2012

<http://www.nasa.gov/externalflash/armstrong/index.html>

By m3dodds · #59598 · 8/26/12

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BBC Focus magazine: Were we once aquatic apes? (<https://groups.io/g/AAT/message/59593?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,40,64994157)

Homo = genus sapiens = species -----

By m3dodds · #59593 · 8/25/12

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BBC Focus magazine: Were we once aquatic apes? (<https://groups.io/g/AAT/message/59591?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,40,64994157)

??? They are one and the same... "Homo... is the genus that includes modern humans and species closely related to them. The genus is estimated to be about 2.3 to 2.4 million years old..." [WIKIPEDIA]

By m3dodds · #59591 · 8/25/12

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BBC Focus magazine: Were we once aquatic apes? (<https://groups.io/g/AAT/message/59588?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,40,64994157)

Not all, and probably not the majority of genus Homo fossils. [QUOTE] "An ancient skull recovered from a cave in the Annamite Mountains in northern Laos is the oldest modern human fossil found in Sout

By m3dodds · #59588 · 8/25/12

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BBC Focus magazine: Were we once aquatic apes? (<https://groups.io/g/AAT/message/59585?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,40,64994157)

The current issue BBC Focus magazine, also has a piece on the "Aquatic ape" Which is summarized thus... "Despite a huge number of recent fossil hominid discoveries, fossil evidence that might support

By m3dodds · #59585 · 8/25/12

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Bonobo Genome Completed (<https://groups.io/g/AAT/message/59556?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,40,64992936)

By m3dodds · #59556 · 8/23/12

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Increase in Size of the Human Brain Explained (<https://groups.io/g/AAT/message/59497?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,40,64993904)

Researchers have found what they believe is the key to understanding why the human brain is larger and more complex than that of other animals. The human brain, with its unequaled cognitive capacity,  
By m3dodds · #59497 · 8/19/12

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Phytolith isotopes in S.Afr.hominids 3-2 Ma (<https://groups.io/g/AAT/message/59475?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,40,64993823)

Hominins, being generalists probably ate from all food groups, red meat contributes something shellfish cannot... fat (a good source of calories). <http://www.livestrong.com/article/315808-the-calories>

By m3dodds · #59475 · 8/18/12

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DNA: Gorillas Gave Pubic Lice to Humans (<https://groups.io/g/AAT/message/59474?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,40,64993828)

Researchers made the uncomfortable discovery during a DNA study reconstructing the evolutionary history of lice in humans and our primate relatives. The transfer occurred about 3.3 million years ago,

By m3dodds · #59474 · 8/18/12

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ER-62k & ER-60k c 1.8 Ma: H.rudolfensis? (<https://groups.io/g/AAT/message/59465?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,60,64993770)

If I had to pick the hottest topic in paleoanthropology right now, I'd say it's the origin and early evolution of our genus, Homo. Researchers know quite a bit about our australopithecine predecessors

By m3dodds · #59465 · 8/12/12

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East Asia: H.erectus Extinct Long Before the Arrival of H.sapians (<https://groups.io/g/AAT/message/59459?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,60,64993780)

Modern humans never co-existed with Homo erectus—a finding counter to previous hypotheses of human evolution—new excavations in Indonesia and dating analyses show. The research, reported in the journal

By m3dodds · #59459 · 8/11/12

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Bonobo Genome Completed (<https://groups.io/g/AAT/message/59454?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,60,64992936)

By m3dodds · #59454 · 8/09/12

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Bonobo Genome Completed (<https://groups.io/g/AAT/message/59450?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,60,64992936)

--- In AAT@..., "Rob Dudman" <ausell@...> wrote: Hello Rob... > > Hello Bill.....thanks for the ref. > > > > I had assumed the reference to 23 sub-Saharan being tested, was to > > speci

By m3dodds · #59450 · 8/07/12

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Bonobo Genome Completed (<https://groups.io/g/AAT/message/59446?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,60,64992936)

Hello Rob... I had assumed the reference to 23 sub-Saharan being tested, was to species other than the baboon (the gorilla and the chimpanzee). The inclusion of all five baboon species in the 23 sub-S

By m3dodds · #59446 · 8/06/12

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Bonobo Genome Completed (<https://groups.io/g/AAT/message/59438?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,60,64992936)

--- In AAT@..., "Rob Dudman" <ausell@...> wrote: Hello Rob... > Hello Bill..... > > > > Assuming the first outbreak of PTERV1 did not cross the Sahara > > desert some three million odd y

By m3dodds · #59438 · 8/04/12

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Bonobo Genome Completed (<https://groups.io/g/AAT/message/59416?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,60,64992936)

Hello Rob... Assuming the first outbreak of PTERV1 did not cross the Sahara desert some three million odd years ago, would not the early ancestors of Man, have also evaded the RV by being isolated by

By m3dodds · #59416 · 7/28/12

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Neanderthals Ate their Greens (<https://groups.io/g/AAT/message/59399?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,60,64993563)

Dr Stephen Buckley, a Research Fellow at the University of York's BioArCh research facility, said: "The evidence indicating this individual was eating bitter-tasting plants such as yarrow and camomile

By m3dodds · #59399 · 7/22/12

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Bonobo Genome Completed (<https://groups.io/g/AAT/message/59396?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,60,64992936)

By m3dodds · #59396 · 7/21/12

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Homo heidelbergensis spoke fluently (<https://groups.io/g/AAT/message/59380?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,60,64993492)

Thanks... it more or less confirms that the Homo heidelbergensis was the first to use spoken sounds, as their ears had adapted... Speech, spoken sounds would only have made sense if the human ear had

By m3dodds · #59380 · 7/17/12

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Bonobo Genome Completed (<https://groups.io/g/AAT/message/59377?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,60,64992936)

--- In AAT@..., "Rob Dudman" <ausell@...> wrote: Hello Rob... > Hello Bill..... > > > > One way of looking at it, is that they could be talking about > > the same RV, the chimpanzee one

By m3dodds · #59377 · 7/15/12

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Prof.Raymond Dart's response to Hardy in 1960 (<https://groups.io/g/AAT/message/59366?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,60,64993437)

Agree... Raymond Dart located the development of fishing mostly in the late Pleistocene and the Holocene, which is more accurate... He also claims fishing would likely have preceded settled farming, w

By m3dodds · #59366 · 7/13/12

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Prof.Raymond Dart's response to Hardy in 1960 (<https://groups.io/g/AAT/message/59359?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,60,64993437)

New Scientist in June 1960, published an article by Professor Raymond Dart, in response to the merman fantasy Alister Hardy had written in an earlier article for the magazine... The Recency of Man's A

By m3dodds · #59359 · 7/12/12

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Bonobo Genome Completed (<https://groups.io/g/AAT/message/59357?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,60,64992936)

--- In AAT@..., "Rob Dudman" <ausell@...> wrote: Hello Rob... > Hello Bill..... > > > Lineage-Specific Expansions of Retroviral Insertions within the > > Genomes of African Great Apes but

By m3dodds · #59357 · 7/11/12

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born to crawl (<https://groups.io/g/AAT/message/59344?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,60,64993379)

A lump of wood can float, so dog paddling to the nearest bit of dry land (swimming) is nothing special... even a rat can swim. Walking is innate in humans, swimming is learnt behavior... always has be

By m3dodds · #59344 · 7/08/12

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Bonobo Genome Completed (<https://groups.io/g/AAT/message/59335?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,60,64992936)

Hello Rob... Well that period between 24 Mya and 5 Mya, would roughly be the period that followed the split of the apes from the old world monkeys (OWM), up until the ancestors of the extant chimpanze

By m3dodds · #59335 · 7/06/12

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indian Acheulian 1.5 Ma? (<https://groups.io/g/AAT/message/59326?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,60,64993301)

Some say it was an efficient butchers tool, others think it had some symbolic value. Logically taking into account the length of time it was in use, it was probably the best butchery tool available un

By m3dodds · #59326 · 7/02/12

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indian Acheulian 1.5 Ma? (<https://groups.io/g/AAT/message/59324?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,60,64993301)

Yes... my point was to believe the OoA lobby, nothing significant happened outside Africa until H.sapiens "repopulated" Eurasia 60,000 years ago... The H.erectus used the same stone tool "technology"

By m3dodds · #59324 · 7/01/12

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indian Acheulian 1.5 Ma? (<https://groups.io/g/AAT/message/59322?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,60,64993301)

Another discovery that makes nonsense of the half-baked theory that early humans only left Africa 60,000 years ago...

\_\_\_\_\_ An exciting discovery [quote] "The discovery of

By m3dodds · #59322 · 7/01/12

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Bonobo Genome Completed (<https://groups.io/g/AAT/message/59316?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,60,64992936)

By m3dodds · #59316 · 6/30/12

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A. Sediba chewed bark and leaves (<https://groups.io/g/AAT/message/59313?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,80,64993261)

A.sediba... too late, too far south to be even remotely ancestral to Man :- ) (Quote) "Paleontological evidence, including pollen and phytoliths, shows that the region around Malapa likely was a mix of

By m3dodds · #59313 · 6/28/12

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Bonobo Genome Completed (<https://groups.io/g/AAT/message/59299?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,80,64992936)

By m3dodds · #59299 · 6/25/12

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human bipedality (<https://groups.io/g/AAT/message/59288?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,80,64993139)

Neanderthals and sapiens could have constructed 'dams' in shallow rivers too (a few stones, can create pools where fish could have been caught)... Cattails are wetland plants (assuming, the early catt

By m3dodds · #59288 · 6/24/12

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human bipedality (<https://groups.io/g/AAT/message/59284?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,80,64993139)

They were probably a lot safer not wading in 'fresh' water, wading in running water (rivers) and the sea would have been safer. Walking across a grassy clearing would have been a lot safer than wading

By m3dodds · #59284 · 6/24/12

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Inner Ear: Reveals Speed of Early Primates (<https://groups.io/g/AAT/message/59272?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,80,64993118)

Inner ears determined our upright walking gait, not faffing about in water (wading). [quote] "It's 20 million years ago in the forests of Argentina, and Homunculus patagonicus is on the move. The monk

By m3dodds · #59272 · 6/23/12

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Aquarboreal apes - the return of Tarzan and Jane? (<https://groups.io/g/AAT/message/59267?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,80,64993072)

By m3dodds · #59267 · 6/22/12

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"heidelbergensis" - Homo heidelbergensis (<https://groups.io/g/AAT/message/59256?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,80,64993066)

[quote] The concept of Homo heidelbergensis remains at the center of such discussions, as this species represents the probable ultimate ancestor of these three daughter allotaxa: sapiens, neanderthale

By m3dodds · #59256 · 6/21/12

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Bonobo Genome Completed (<https://groups.io/g/AAT/message/59254?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,80,64992936)

By m3dodds · #59254 · 6/21/12

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A Warmer, Drier Africa 20 Mya? (<https://groups.io/g/AAT/message/59241?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,80,64993015)

Possible as some twenty million years ago a large chunk of central and southern Europe were likely to have been under the waters of the Tethys. (sea levels would have higher 20 Mya, with less water lo

By m3dodds · #59241 · 6/19/12

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A Warmer, Drier Africa 20 Mya? (<https://groups.io/g/AAT/message/59239?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,80,64993015)

Apparently it was warm enough 15 to 20 million years ago for trees to grow on the coasts of Antarctica... if it was this warm at the poles, could this have resulted in more arid climate in Africa... [

By m3dodds · #59239 · 6/18/12

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Bonobo Genome Completed (<https://groups.io/g/AAT/message/59237?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,80,64992936)

By m3dodds · #59237 · 6/17/12

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Bonobo Genome Completed (<https://groups.io/g/AAT/message/59219?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,80,64992936)

In a project led by the Max Planck Institute for Evolutionary Anthropology in Leipzig, an international team of scientists has completed the sequencing and analysis of the genome of the last great ape

By m3dodds · #59219 · 6/14/12

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Sima de los Huesos = Hn, not Hheid? < 400, not 600 ka? (<https://groups.io/g/AAT/message/59214?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,80,64992904)

By m3dodds · #59214 · 6/11/12

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Sima de los Huesos = Hn, not Hheid? < 400, not 600 ka? (<https://groups.io/g/AAT/message/59210?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,80,64992904)

See Guardian Science on the same page have also got Andrew Snelling from the creation museum... claiming that 'Lucy' was unrelated to humans. :) Scientists are accused of distorting theory of human ev

By m3dodds · #59210 · 6/11/12

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Olduvai Gorge: Hominids Avoided Waters Edge? (<https://groups.io/g/AAT/message/59204?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,80,64992888)

[Quote] "With these data, hominid land use patterns can be better ascertained. Hominids likely avoided much of the Wetland Interior owing to its inaccessibility and dangers from crocodiles, hippopotam

By m3dodds · #59204 · 6/11/12

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Homeotic Evolution by AG Filler Such a great paper. Just finished rereading it.

(<https://groups.io/g/AAT/message/59198?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,80,64992866>)

Would agree a 110% with you on Filler's excellent, insightful paper, everyone should read it... And the notion of Man having knuckle-walking ancestors is obviously complete nonsense. \_\_\_\_\_

By m3dodds · #59198 · 6/10/12

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Long Distance Running (<https://groups.io/g/AAT/message/59184?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,80,64992686)

There was a difference in body size between the Habilis and the H. erectus, so the difference could simply be allometric. (assuming the habilis was the predecessor of the H. erectus) \_\_\_\_\_

By m3dodds · #59184 · 6/08/12

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Born to Walk Tall (<https://groups.io/g/AAT/message/59183?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,80,64992819)

Marc :) Your becoming obsessed with the H. erectus (Nariokotome), the article did not mention the Narikotome specimen. Ref: Stature estimation from complete long bones in the Middle Pleistocene humans

By m3dodds · #59183 · 6/08/12

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Born to Walk Tall (<https://groups.io/g/AAT/message/59176?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,80,64992819)

"The reconstruction of 27 complete human limb bones found in Atapuerca (Burgos, Spain) has helped to determine the height of various species of the Pleistocene era. Homo heidelbergensis, like Neandert

By m3dodds · #59176 · 6/07/12

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Long Distance Running (<https://groups.io/g/AAT/message/59175?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,80,64992686)

Marc The H. erectus were the ones with a small brain... The later H.heid, H.n and H.s (AMH) all had and have a brain somewhat larger than that which was seen in th H.e (Homo erectus), which was by far

By m3dodds · #59175 · 6/07/12

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Long Distance Running (<https://groups.io/g/AAT/message/59167?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,100,64992686)

Beaches are not all that safe from aquatic predators, killer whales for example are known to grab an unaware seal of the beach, usually "playing" with it before killing it... Predators: Orca hunting m

By m3dodds · #59167 · 6/07/12

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The Homo erectus were boneheads (<https://groups.io/g/AAT/message/59151?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,100,64992733)

Homo erectus is said to have had pachyostotic skull-cap (thick bony skull), did they bang their heads like rutting deer when competing for females... Quote "The H. erectus skullcap is described technic

By m3dodds · #59151 · 6/06/12

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Long Distance Running (<https://groups.io/g/AAT/message/59140?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,100,64992686)

Would say you are right in thinking that distance walking, preceded distance running or persistence running. However a slow jog, is better than sprinting when it comes to chasing (hunting) quadrupeds

By m3dodds · #59140 · 6/05/12

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Hs origins (<https://groups.io/g/AAT/message/59134?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,100,64992669)

Marc, your last point about H.heid and H.n is slightly confusing, when it comes to the relationship between H.heid, H.n and H.s ... As H.n and H.s had a common ancestor. It could said though that H.n

By m3dodds · #59134 · 6/04/12

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Occam's razor (<https://groups.io/g/AAT/message/59126?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,100,64992629)

John Hawks is anthropologist, Marc you are not... [http://www.anthropology.wisc.edu/people\\_hawks.php](http://www.anthropology.wisc.edu/people_hawks.php) Twisting his words will not change what he has said about the AAT being pseudoscience, if anything y

By m3dodds · #59126 · 6/03/12

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Occam's razor (<https://groups.io/g/AAT/message/59121?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,100,64992629)

As John Hawks has said, the aquatic theory is too convoluted and complicated to ever be taken seriously... daft ideas like wading helping us become bipeds, being hairless to go swimming, just makes an

By m3dodds · #59121 · 6/02/12

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metopic suture of Taung (<https://groups.io/g/AAT/message/59108?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,100,64992585)

As said previous post, bipedalism was the precursor to a large brain, in Man. Quote: "The Taung fossil -- the first australopithecine ever discovered -- has two significant features that were analyzed

By m3dodds · #59108 · 5/31/12

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Jon.Kingdon "squatting" (<https://groups.io/g/AAT/message/59107?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,100,64992552)

:) Would not recommend anyone to waste their time and money reading Dawkins book, personally if gifted a copy I would throw it unread into the nearest recycle bin or waste bin... Apart from anything e

By m3dodds · #59107 · 5/31/12

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Jon.Kingdon "squatting" (<https://groups.io/g/AAT/message/59102?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,100,64992552)

In Kingdon's case, maybe... Have read Jonathon Kingdon's - Lowly Origin (bit dated now, even though it was published in 2004). He's a little too Afro-centric when discussing human evolution, but then

By m3dodds · #59102 · 5/30/12

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AAT = one of the worst ideas in the history of evolutionary theory? (<https://groups.io/g/AAT/message/59095?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,100,64992531)

Mermaids!! complete mindless drivel... \_\_\_\_\_ In this article though, by Esther Inglis-Arkell, in spite of the daft title about dolphins, she presents a surprisingly good an

By m3dodds · #59095 · 5/29/12

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Jon.Kingdon "squatting" (<https://groups.io/g/AAT/message/59094?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,100,64992552)

Two fossils, discussing evolution... :) \_\_\_\_\_

By m3dodds · #59094 · 5/29/12

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scars of evolution (<https://groups.io/g/AAT/message/59084?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,100,64992520)

Think the article is included in the current issue of Science (May 25) However to comment on the article, you probably would need to read the online version, to do that you need to be an AAAS member (

By m3dodds · #59084 · 5/28/12

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scars of evolution (<https://groups.io/g/AAT/message/59080?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,100,64992520)

Design flaws!!! What a load of mindless drivel... \_\_\_\_\_

Will Man be more aquatic in the future? (<https://groups.io/g/AAT/message/59075?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,100,64992378)

Iodine as such is washed into the seas from the land through rainfall, it is also thought that the development of farming/agriculture may have contributed to increased depletion of iodine in inland so

By m3dodds · #59075 · 5/28/12

AAT is about Pleistocene littoral Homo (<https://groups.io/g/AAT/message/59050?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,100,64992372)

By m3dodds · #59050 · 5/26/12

What is the difference between human and animals? (<https://groups.io/g/AAT/message/59035?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,100,64992293)

As said, we are omnivores, we eat whatever is edible. \_\_\_\_\_

By m3dodds · #59035 · 5/25/12

What is the difference between human and animals? (<https://groups.io/g/AAT/message/59033?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,100,64992293)

Marc Humans are omnivores, ancestors of genus Homo were omnivores, if we were not, we would not be eating fish. Omnivores: (from Latin: omni, meaning "all, everything"; vorare, "to devour") "Are speci

By m3dodds · #59033 · 5/25/12

Born to Run (<https://groups.io/g/AAT/message/59026?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,100,64992347)

Would agree Gabriel that the human ability to run long distance, is an adaptation of our distance walking gait. Would agree too with what you say about going for a walk, as it is an opportunity for th

By m3dodds · #59026 · 5/24/12

Born to Run (<https://groups.io/g/AAT/message/59019?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,100,64992347)

Human bengs are a particular type of mammal. In this compelling clip, we see a tribesman runner pursue his prey through the most harsh conditions in a gruelling eight hour chase. Thought provoking con

By m3dodds · #59019 · 5/23/12

What is the difference between human and animals? (<https://groups.io/g/AAT/message/59010?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,100,64992293)

The difference would be that Humans have all theses traits and more, whereas one animal/bird may excel with a particular trait, for example the eyesight of some birds. Humans have not specialized, we

By m3dodds · #59010 · 5/21/12

Bipedalism: precursr to a large brain in Man (<https://groups.io/g/AAT/message/59006?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,120,64992264)

The comparison is meaningless... You compared Dean's work, with "that" of Hardy. QUOTE: "Concl.: unfortunately Dean's paper is a beautiful example of the traditional just-so thinking (not based on Har

By m3dodds · #59006 · 5/20/12

Bipedalism: precursr to a large brain in Man (<https://groups.io/g/AAT/message/59002?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,120,64992264)

Dean's paper is excellent, as always. As for the comparison you make with Macaques, it is not a good one, they are monkeys, arboreal quadrupeds, small. Whereas Humans are fully upright bipeds, medium

By m3dodds · #59002 · 5/19/12

Bipedalism: precursr to a large brain in Man (<https://groups.io/g/AAT/message/58996?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,120,64992264)

It seems Humans owe their relatively large brain size, to the adaptations they underwent to become fully upright bipeds. As adaptation to fully upright bipedalism had an impact on how our young were b

By m3dodds · #58996 · 5/19/12

knuckles [re-clarification] (<https://groups.io/g/AAT/message/58995?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,120,64992257)

Agree, these claims are irrelevant: The change to the spine (Morotopithecus) 20.Mya was crucial. The habitat of the Ardi (ardipithecus ramidus), was open woodland... a mixture of forest and grassland.

knuckles [clarification] (<https://groups.io/g/AAT/message/58976?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,120,64992171)

That is unlikely... for if they reverted it would have been to a form arboreal QPism (palm-walking). (Miocene apes were arboreal quadrupeds/palm walkers) An any brachiating ape would have had evolved

By m3dodds · #58976 · 5/16/12

knuckles [clarification] (<https://groups.io/g/AAT/message/58973?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,120,64992171)

Marc That is a somewhat convoluted explanation, would it not be simpler to say the locomotor differences seen in the other apes are intermembral? In arboreal quadrupeds (monkeys today, and probably th

By m3dodds · #58973 · 5/16/12

knuckle-walking. (<https://groups.io/g/AAT/message/58947?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,120,64992109)

Jack Would agree with first part, as for the great apes that remained in the forest, since Morotopithecus twenty million years ago, they simply have adapted in different ways to life in the forest. Hu

By m3dodds · #58947 · 5/12/12

knuckle-walking. (<https://groups.io/g/AAT/message/58942?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,120,64992109)

longer after they became bipeds. Elaine It does, in the sense that the locomotor repertoire of the extant apes (excluding humans), explains why they knuckle-walk... The early apes (Miocene) were arbor

By m3dodds · #58942 · 5/10/12

knuckle-walking. (<https://groups.io/g/AAT/message/58938?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,120,64992109)

Elaine Knuckle-walking has no advantage it is simply the way Chimpanzees adapted to get from a. to b. on the ground. They have short legs and long arms, an adaption for climbing. Humans being fully te

By m3dodds · #58938 · 5/08/12

plantigrade apes (<https://groups.io/g/AAT/message/58932?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,120,64992086)

Elaine The early apes, like the monkeys, palm walked on the ground, but that would be before Moroto (Morotopithecus) 21/22 million years ago... Ref: Homeotic Evolution in the Mammalia: Diversification

By m3dodds · #58932 · 5/06/12

Hs: loss of hydrodynamically streamlined skull? (<https://groups.io/g/AAT/message/58697?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,120,64991366)

Marc, Hh and Hn are relevant... the extant chimpanzee is irrelevant. They have had an entirely different evolutionary history, over the last five to six million years. Our closest kin, were the Hn. "

By m3dodds · #58697 · 2/16/12

Hs: loss of hydrodynamically streamlined skull? (<https://groups.io/g/AAT/message/58695?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,120,64991366)

Comparison with what were our closest kin, Hn, are valid. Comparisons with the extant chimpanzee, are irrelevant... It obviously has more to do with cognitive development, in Hs. And Hs in general, be

By m3dodds · #58695 · 2/15/12

Out of Africa... bites the dust (<https://groups.io/g/AAT/message/58669?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,120,64991285)

Would seem the just-so story about how the ancestors of Modern Humans left Africa 50,000 years ago to replace all those that had gone before, will need to be revised again... How many revisions will t

By m3dodds · #58669 · 1/31/12

Chris Stringer: Rethinking Out of Africa (<https://groups.io/g/AAT/message/58667?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,120,64991275)

Some might find this excellent recent article by Christopher Stringer on his current thinking about Human origins, of some interest... In it he raises some intriguing points... such as rethinking the

By m3dodds · #58667 · 1/30/12

Floating gorillas (Re: Marc/Elaine debate (<https://groups.io/g/AAT/message/58583?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,120,64990829)

Two points.... (1) Filler/bipedalism The argument, essentially is that a form of upright bipedalism characterized the hominid lineage from the Early Miocene onward, and was later enhanced in the homin

By m3dodds · #58583 · 1/07/12

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Dmanisi Homo erectus: Opportunistic Omnivores (<https://groups.io/g/AAT/message/58545?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,120,64990883)

Would seem, the Homo erectus/georg. ate a very varied diet and was not restricted, to a particular habitat... [quote] "...Microwear in Homo erectus is pretty variable, but still rather distinct from o

By m3dodds · #58545 · 1/02/12

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/58533?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,120,64990214)

Hello Rob... Atoms aside, there probably at least one significant difference in how the body treats the two sialic acids, and that is in the mammalian brain, for whilst Neu5Ac is beneficial, Neu5Gc is

By m3dodds · #58533 · 12/31/11

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Apology (<https://groups.io/g/AAT/message/58497?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,120,64990624)

Just a brief note on the merits of catching fish.... The healthiest human diet is one of vegetables, fish (oily) fruit, legumes and nuts... (an omnivore diet) Early human would have benefited more fro

By m3dodds · #58497 · 12/25/11

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Riverside Ardi ... 4.4 Mya (<https://groups.io/g/AAT/message/58482?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,120,64990692)

Nothing new in this study, but it confirms earlier findings that the Ardi lived near rivers in the Middle Awash 4.4 Mya. Probably on the riverbanks of the Awash river and other rivers, in open woodlan

By m3dodds · #58482 · 12/24/11

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Apology (<https://groups.io/g/AAT/message/58477?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,120,64990624)

Not everyone, would.... 1) Humans did not descend from the Apes... Humans are members of the hominidae (the great Apes), along with the orangutans, the gorilla and the extant chimpanzee. 2) Wading is

By m3dodds · #58477 · 12/23/11

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Relationship of cranial robusticity to cranial form, geography and climate in Homo sapiens

(<https://groups.io/g/AAT/message/58466?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,140,64990620>)

Thanks, Stephen, yes they stated in their conclusion that 'interpersonal violence' in modern humans, should be carefully examined in future research.(but, I still think it is something more applicable

By m3dodds · #58466 · 12/23/11

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Relationship of cranial robusticity to cranial form, geography and climate in Homo sapiens

(<https://groups.io/g/AAT/message/58453?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,140,64990620>)

In their conclusions, they not only say cranial robusticity may be influenced by masticatory function, but they also mention that behavior (interpersonal violence) may also be another influence... Thou

By m3dodds · #58453 · 12/22/11

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Neanderthals built homes 45,000 years ago... (<https://groups.io/g/AAT/message/58440?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,140,64990575)

Seems the Neanderthals, close relatives of modern Man, were building themselves homes from Mammoth bones in eastern Europe 45,000 years ago. "Up till recently, most researchers studying Neanderthals h

By m3dodds · #58440 · 12/20/11

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/58438?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,140,64990214)

Hello Rob... Would agree that yours is the more parsimonious explanation... as we could say Man prior to 10,000 years, would likely have been a nomadic hunter-gather, seldom settling anywhere for more t

By m3dodds · #58438 · 12/19/11

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savanna dusk & dawn...prokaryotes to homo sapiens... (<https://groups.io/g/AAT/message/58421?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,140,64990453)

Perhaps that was the case for some early apes, Marc.... However, Moroto does not appear to have been a 'swamp ape', judging by descriptions of its environment 20 million years ago. The Moroto probably

By m3dodds · #58421 · 12/15/11

sweating and upright (<https://groups.io/g/AAT/message/58407?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,140,64990461)

Would agree, Marc, wading is irrelevant to how our fully upright bipedal walking gait evolved. Wading hinders bipedal movement... wading uses more energy, than simply walking unimpeded across a forest

By m3dodds · #58407 · 12/14/11

savanna dusk & dawn...prokaryotes to homo sapiens... (<https://groups.io/g/AAT/message/58405?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,140,64990453)

Marc Think Moroto could be a bit older than 19 Mya, wasn't the basalt lava deposits overlying the site dated at 20.6 Mya? If so that means any fossils underlying the lava are also at least 20.6 Mya. M

By m3dodds · #58405 · 12/14/11

savanna dusk & dawn (<https://groups.io/g/AAT/message/58395?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,140,64990444)

They need to read what Filler has to say... as bipedalism as such, pre-dates relative hairlessness in humans by several million years. (though they do confirm the obvious that relative hairlessness in

By m3dodds · #58395 · 12/13/11

Re : ~77 ka MSA plant bedding (<https://groups.io/g/AAT/message/58389?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,140,64990420)

Enamel Pits of the Lazaret Man The cave of Lazaret Man (Homo heidelbergensis or Homo Neanderthal)in France... 170,000 years ago.

[http://independent.academia.edu/pfpuech/Papers/212001/Enamel\\_Pits\\_of\\_th](http://independent.academia.edu/pfpuech/Papers/212001/Enamel_Pits_of_th)

By m3dodds · #58389 · 12/11/11

Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/58376?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,140,64990214)

Hello Rob... One way of looking at it, would be to say the amount of exogenous Neu5Gc in the human body, is ingested, not endogenous, an too low for humans to be a target for P.reich..... whereas we ar

By m3dodds · #58376 · 12/09/11

Neanderthals were first in the Ionian Islands (<https://groups.io/g/AAT/message/58356?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,140,64990344)

"According to recent finds over the past two years by the University of Crete's History and Archaeology Department in collaboration with the 36th Superintendence for Classical and Prehistoric Antiquity

By m3dodds · #58356 · 12/04/11

Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/58347?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,140,64990214)

Hello Rob... While I would agree a 100% with that definition of Neu5Gc... I was thinking more of the two forms of Neu5gc, as potential targets for the parasite, in the sense targeting ingested exogeno

By m3dodds · #58347 · 12/02/11

Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/58337?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,140,64990214)

Hello Rob... Perhaps, the immunity from P.reich humans have enjoyed for the last 2.8 million years simply arises from a distinct difference between the endogenous and the exogenous forms of Neu5Gc...

By m3dodds · #58337 · 11/27/11

mid-Pliocene hominid from the Siwalik Hills 3.4 Ma? (<https://groups.io/g/AAT/message/58326?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,140,64990223)

Marc, the H.erectus is said to have used the Tethys Corridor... the shorter overland route east from Riwayat to Yunnan... this evidence from the Siwalk hills, would seem to confirm that they used the Te

By m3dodds · #58326 · 11/24/11

Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/58316?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,140,64990214)

Hello Rob... Skimming through the contents of the latest issue of PNAS a few days ago, I decided to see what recent papers if any they had on Neu5Gc... of the half dozen papers of interest that I downlo

By m3dodds · #58316 · 11/20/11

Neu5Gc (Was: Chimp the Hunter, > Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/58285?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,140,64990134)

Hello Rob... Would agree with it being the null, but it does raise the question as to why the early ancestors of Man would be relatively hairless more than two million years ago... One explanation tha

By m3dodds · #58285 · 11/13/11

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Cooper the swimming chimp (<https://groups.io/g/AAT/message/58262?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,140,64990065)

Would agree... the video of Cooper is impressive, but I think Cooper just needs a little bit more experience in the water to get the hang of holding his breath underwater... something some macaque mon

By m3dodds · #58262 · 11/11/11

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Orang-utan Swimming Underwater... (<https://groups.io/g/AAT/message/58245?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,140,64990025)

Suyia the orang-utan swimming underwater... (She appears to have no problem whatsoever... holding her breath underwater).

[http://www.youtube.com/watch?v=eGP\\_j0uOwmc&feature=related](http://www.youtube.com/watch?v=eGP_j0uOwmc&feature=related) --Bill

By m3dodds · #58245 · 11/10/11

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/58240?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,140,64985903)

Hello Rob... Perhaps, it was the combination of malaria outbreaks and being outside of Africa sometime between three and four million years ago, resulting in a particularly virulent outbreak, to which

By m3dodds · #58240 · 11/08/11

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/58211?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,140,64985903)

Hello Rob... LOL More than just a coincidence that we lost Neu5Gc, after the gorilla louse 'jumped ship' to a human host? :-)

This does seem to be something of a contradiction at first glance, in the

By m3dodds · #58211 · 11/03/11

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AAT - who owns the name? (<https://groups.io/g/AAT/message/58179?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,160,64989634)

Would say horses, sweat more. Humans only visibly sweat when the internal body (core) temperature starts to rise... --Bill

By m3dodds · #58179 · 10/30/11

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"evidence" Ardip walked Bply (<https://groups.io/g/AAT/message/58177?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,160,64989785)

Thanks, Marc. --Bill

By m3dodds · #58177 · 10/30/11

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AAT - who owns the name? (<https://groups.io/g/AAT/message/58171?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,160,64989634)

To be honest Francesca, it does not come anywhere near to explaining any of the three traits I highlighted... Take bipedalism, it is purely a terrestrial trait in origin, a trait we have in common wit

By m3dodds · #58171 · 10/30/11

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AAT - who owns the name? (<https://groups.io/g/AAT/message/58159?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,160,64989634)

Marc Penguins despite their misleading upright posture (as the legs are held in an entirely position they are not fully upright, or bipedal in the human sense) are birds. If you are on a low fat diet

By m3dodds · #58159 · 10/29/11

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AAT - who owns the name? (<https://groups.io/g/AAT/message/58149?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,160,64989634)

That would be a far too narrow interpretation of human evolution, for example bipedalism, the origins our fully upright bipedal gait has nothing whatsoever to do with wading, diving or the gathering s

By m3dodds · #58149 · 10/29/11

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AAT - who owns the name? (<https://groups.io/g/AAT/message/58139?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,160,64989634)

Would agree the term 'AAT' is meaningless, and usually results in hilarity and ridicule when used in a serious context. The difficulty with finding an alternative name, is that proponents of the 'AAT'

By m3dodds · #58139 · 10/28/11

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/58122?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,160,64985903)

In AAT@..., "Rob Dudman" <ausell@...> wrote: Hello Rob... It would seem we were a little ahead of the curve in our discussion about the loss, and what possible effects the loss of Neu5Gc in

By m3dodds · #58122 · 10/26/11

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/58093?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,160,64985903)

Hello Rob... RVs..... What if it were to have occurred slightly later, say in the mid-Pliocene warm period closer to 3 Mya ... instead of 3.5 Mya, when global temperatures were slightly higher (3.

By m3dodds · #58093 · 10/17/11

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/58085?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,160,64985903)

Hello Rob... Arabia was originally a part of Africa that broke off; in the process the Red sea was created... it is an on-going process as Africa is still breaking apart... In next million years, it is pr

By m3dodds · #58085 · 10/10/11

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/58067?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,160,64985903)

Hello Rob... Perhaps, the winds and rains over the Indian Ocean, would simply disperse and wash out as rain any aerosols that had carried the RV eastwards out over the ocean... The US east coast hurri

By m3dodds · #58067 · 9/30/11

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Australian Aborigine Hair Tells a Story of Human Migration (<https://groups.io/g/AAT/message/58057?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,160,64989401)

The physical evidence (stone tools) from excavation sites apparently indicates AMH was on the Indian continent prior to Toba 74,000 years ago... [quote] "We're not arguing the Toba super-eruption didn

By m3dodds · #58057 · 9/25/11

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Australian Aborigine Hair Tells a Story of Human Migration (<https://groups.io/g/AAT/message/58055?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,160,64989401)

On Toba... AMH apparently were on the Indian continent 74,000 years ago, and not only survived Toba but continued on as they had before Toba... [quote] "Newly discovered archaeological sites in southe

By m3dodds · #58055 · 9/25/11

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/58048?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,160,64985903)

Hello Rob... Perhaps, but as I understand it the mechanisms behind the wind patterns remain essential the same today as they were three million years ago – namely solar radiation, the tilt and spin of

By m3dodds · #58048 · 9/21/11

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little foot (<https://groups.io/g/AAT/message/58023?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,160,64989282)

Just the differences in body size and brain size (its brain size was less than half that of H.erectus) make it an unlikely predecessor to H.erectus... --Bill

By m3dodds · #58023 · 9/13/11

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/58022?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,160,64985903)

Hello Rob... Thinking about how the African continent straddles the equator, the tropics that might not be the case, as both the northern and southern hemispheres have their own global wind belts (cre

By m3dodds · #58022 · 9/13/11

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/58008?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,160,64985903)

Hello Rob... Guess so... But then again, when looking for something in plain English on retroviruses other than another mind-numbing scientific paper, I found this readable article yesterday... [quote

By m3dodds · #58008 · 9/03/11

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/57992?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,160,64985903)

Hello Rob... Totally maybe not, as you say only the experts know one way or the other. What we probably know as amateurs is that retroviruses tend to nasty rather than benign, so the odds are PTERV 1  
By m3dodds · #57992 · 8/26/11

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) ([https://groups.io/g/AAT/message/57987?](https://groups.io/g/AAT/message/57987)  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,160,64985903)

Hello Rob... Perhaps not, as it could easily have been a little more than simply a dose of the 'common cold' virus, as Dr.Eichler himself and the researchers involved say in this article from Science  
By m3dodds · #57987 · 8/17/11

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Evidence for a Third Human ([https://groups.io/g/AAT/message/57976?](https://groups.io/g/AAT/message/57976)  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,160,64989113)

"There are tantalising hints that the find strengthens the case for a third major group of hominins circulating in Eurasia at the same time as early humans and the Neanderthals. It might possibly even  
By m3dodds · #57976 · 8/11/11

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) ([https://groups.io/g/AAT/message/57973?](https://groups.io/g/AAT/message/57973)  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,160,64985903)

Hello Rob... Not so certain, as the Afarensis was a long lived species (lasting some 900,000 years) if that was the case, which it seems to, then it is unlikely they encountered anything like the PTER  
By m3dodds · #57973 · 8/10/11

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breathing ([https://groups.io/g/AAT/message/57964?](https://groups.io/g/AAT/message/57964)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,180,64989048)

Not certain but it may have something to do with the way breathing and locomotion are linked in quadrupeds. Humans being FU bipeds breathing is said to be decoupled from our bipedal gait... Horses can  
By m3dodds · #57964 · 8/07/11

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Open woodlands and Savanna ([https://groups.io/g/AAT/message/57956?](https://groups.io/g/AAT/message/57956)  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,180,64989058)

Recently, however, the importance of savannas in human evolution came under question. For instance, what may be the earliest human ancestor discovered yet, Ardipithecus ramidus, was thought to have li  
By m3dodds · #57956 · 8/05/11

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) ([https://groups.io/g/AAT/message/57951?](https://groups.io/g/AAT/message/57951)  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,180,64985903)

Hello Rob... Maybe not... As after reading the article on the Laetoli footprints, I decided to take a look at what is currently known about the earlier a'piths, the gracile ones, in particular the Afa  
By m3dodds · #57951 · 8/04/11

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Hn x Hs ([https://groups.io/g/AAT/message/57931?](https://groups.io/g/AAT/message/57931)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,180,64988959)

In terms of DNA there was little difference between Hn and Hs ... a fraction of one per cent difference in their DNA, as they shared a common ancestor in the last million years. Sex between cousins...  
By m3dodds · #57931 · 7/28/11

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Fully Upright Bipedal Walking 4 Million years ago ([https://groups.io/g/AAT/message/57919?](https://groups.io/g/AAT/message/57919)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,180,64988895)

Marc Humans evolved to walk fully upright on their feet, and with their feet. In humans when walking, weight is moved from the heel along the outside edge of the foot, across the ball of the foot to t  
By m3dodds · #57919 · 7/25/11

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Fully Upright Bipedal Walking 4 Million years ago ([https://groups.io/g/AAT/message/57913?](https://groups.io/g/AAT/message/57913)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,180,64988895)

Marc Abducting the 'big toe' is not the same as using the hallux for the push off phase as in the human bipedal gait, extant chimpanzees (even circus trained ones) cannot replicate the footprint of a  
By m3dodds · #57913 · 7/24/11

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Fully Upright Bipedal Walking 4 Million years ago ([https://groups.io/g/AAT/message/57911?](https://groups.io/g/AAT/message/57911)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,180,64988895)

Unlikely to be modern humans (AMH), as whoever left the footprints walked across the volcanic ash nearly four million years ago. (but that does not rule out that a human-like foot left those footprint  
By m3dodds · #57911 · 7/24/11

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/57908?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,180,64985903)

Hello Rob... Perhaps while other publishers charge a more realistic fee for access to a research paper, 'Nature' makes sufficient income from institutional subscribers like universities and libraries

By m3dodds · #57908 · 7/23/11

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Fully Upright Bipedal Walking 4 Million years ago (<https://groups.io/g/AAT/message/57906?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,180,64988895)

"We found, however, that the Laetoli prints represented a type of bipedal walking that was fully upright and driven by the front of the foot, particularly the big toe, much like humans today, and quit

By m3dodds · #57906 · 7/22/11

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Like Walking and Running, is Maths Innate (<https://groups.io/g/AAT/message/57887?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,180,64988829)

"Maths is simple. But to discover this requires travelling to the ends of the earth where an illiterate, chain-smoking fortune teller lives in a room with a double bed and a beehive. As the sun rises

By m3dodds · #57887 · 7/16/11

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/57875?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,180,64985903)

In AAT@..., "Rob Dudman" <ausell@...> wrote: Hello Rob... I agree on the surface Yohn's dismissal of geographic isolation as one answer does not seem to have much of a factual basis, when

By m3dodds · #57875 · 7/13/11

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Lunch (<https://groups.io/g/AAT/message/57867?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,180,64988754)

Penguins are birds Marc, holding the body (torso) in a upright posture as penguins do when out of the water, is not 'linear'. Check out a penguin skeleton, it is that of a bird. (it isn't aligned) As

By m3dodds · #57867 · 7/09/11

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Lunch (<https://groups.io/g/AAT/message/57865?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,180,64988754)

Marc It would be somewhat difficult to run if we did not lean forwards when doing so... A linear posture may not be necessary for a biped to run, but if you are a obligate biped being linear is a dist

By m3dodds · #57865 · 7/08/11

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/57857?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,180,64985903)

Hello Rob... :-) Guess without those idiosyncratic amateurs there would be no archaeology far less anthropology... think today's worst offenders are not so much amateurs but more likely to be egoists

By m3dodds · #57857 · 7/04/11

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Peking man differed from modern humans in brain asymmetry (<https://groups.io/g/AAT/message/57845?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,180,64988704)

"The anatomical structures of Peking man's brain maybe differs from the modern human, suggesting that Peking man had no ability to communicate with each other in the form of language." [quote] Peking

By m3dodds · #57845 · 6/29/11

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/57827?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,180,64985903)

Hello Rob... Agree that is often the case, but scientists are human too and have their foibles. Though it should be said that the fields of anthropology and paleo-anthropology do seem to have had more

By m3dodds · #57827 · 6/22/11

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Homo gautengensis sp.nov. - Cannibal... (<https://groups.io/g/AAT/message/57804?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,180,64988554)

-- In AAT@..., Marc Verhaegen <m\_verhaegen@...> wrote: The small brained, long armed gautengensis may have been a cannibal ... as there is some evidence that they were eating their A'pith

By m3dodds · #57804 · 6/16/11

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/57795?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,180,64985903)

Hello Rob... Perhaps another reason for the neglect, is that Benveniste/Todaro paper from 1976 is now somewhat old as these papers go. A search for their 1976 paper produced little but the abstract, a  
By m3dodds · #57795 · 6/14/11

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He-Hn vs Hs (<https://groups.io/g/AAT/message/57773?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,180,64988445)

Hn and Hs had a common ancestor. The DNA difference between the two is somewhat less than 1% ... quote: "Because Neandertals are much closer kin to us than are chimpanzees, which diverged from the hum  
By m3dodds · #57773 · 6/08/11

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/57762?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,180,64985903)

Hello Rob... Out of interest I had a look at the original UW news release from March 2005 this morning. There were two suggestions at the time as to how the ancestors of humans may have evaded the RV...  
By m3dodds · #57762 · 6/06/11

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/57711?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,200,64985903)

In AAT@..., "Rob Dudman" <ausell@...> wrote:  
By m3dodds · #57711 · 5/29/11

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/57699?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,200,64985903)

Hello Rob... Yes, while it is highly likely that at least the Ardi were close kin if not one of the direct ancestors of genus Homo, there is some question about the A'piths even though they are often  
By m3dodds · #57699 · 5/22/11

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fossils are no ancestors (<https://groups.io/g/AAT/message/57689?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,200,64988171)

Cladistics/Willi Hennig 1913-1976 Cladistics, either generally or in specific applications, has been criticized from its beginnings. A decision as to whether a particular character is a synapomorphy o  
By m3dodds · #57689 · 5/18/11

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Evolutionary Adaptations Irreversible? (<https://groups.io/g/AAT/message/57679?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,200,64988150)

It is highly unlikely that they were re-evolving as evolution does not work that way, nature works with what it has to hand. More likely is they simply had evolved in isolation at the time of the LGM  
By m3dodds · #57679 · 5/17/11

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fossils are no ancestors (<https://groups.io/g/AAT/message/57678?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,200,64988171)

It is nonsensical to say "fossils are no ancestors"... it is more accurate to say that not all fossils found are those of the ancestors of AMH. The Ardi (*Ardipithecus ramidus*) is far more likely to be  
By m3dodds · #57678 · 5/17/11

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Evolutionary Adaptations Irreversible? (<https://groups.io/g/AAT/message/57668?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,200,64988150)

In the late 19th century, paleontologist Louis Dollo argued that evolution could not retrace its steps to reverse complex adaptations -- a hypothesis known as Dollo's law of irreversibility. Gore says  
By m3dodds · #57668 · 5/16/11

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Clues to Neanderthal Hunting Tactics (<https://groups.io/g/AAT/message/57667?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,200,64988146)

"This sophisticated hunting behavior is something we see much later in the Upper Palaeolithic amongst modern human groups, and it's really fascinating to see that Neanderthals were employing similar s  
By m3dodds · #57667 · 5/16/11

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/57660?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,200,64985903)

Hello Rob... Aye, that be so... When first discovered in 1993/94 *Ar. ramidus* (the Ardi) were thought to be a species of a'pith but were subsequently named a new genus, as the root species of Man ... w  
By m3dodds · #57660 · 5/14/11

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Chimpanzees Hunt their Prey to Extinction (<https://groups.io/g/AAT/message/57656?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,200,64988115)

"All the populations changed significantly, with some growing and others shrinking. The biggest change was seen in the red colobus population, which decreased by about 89 per cent. A previous study su

By m3dodds · #57656 · 5/13/11

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/57653?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,200,64985903)

Hello Rob... We are still part of the UK (for now), even though the Nationalists won a landslide in the polls last Thursday... Agree, would only add that the RV should be taken into account when anthr

By m3dodds · #57653 · 5/08/11

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Upright Gorilla Walking (<https://groups.io/g/AAT/message/57647?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,200,64988100)

The first gorilla in this video, is really at ease with walking (and running) fully upright... Upright Gorilla Gorilla Walks Upright Like a Man <http://www.youtube.com/watch?v=xLBFnXD5228> \_\_\_\_\_

By m3dodds · #57647 · 5/05/11

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righthandiness & speech (Re: Re: Sima de los Huesos = right-handed

(<https://groups.io/g/AAT/message/57645?>p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,200,64988096)

Have what read Chris McManus an others have said, but the link with the development of language is more convincing, it simply cannot be coincidental that it first appeared in the H.heid., among whom t

By m3dodds · #57645 · 5/05/11

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Sima de los Huesos = right-handed (<https://groups.io/g/AAT/message/57643?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,200,64988066)

Right handedness is probably linked to the adaptations for speech, the spoken word, in the H.heidelbergensis the common ancestor of H.neanderthal and H.sapiens... [quote] "Frayer said that his finding

By m3dodds · #57643 · 5/04/11

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/57639?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,200,64985903)

Hello Rob... Yes, he has done himself no favours... You make a good point here, at least for the habilis, for if both the habilis and the garhi were australopithecus then they both would have had the

By m3dodds · #57639 · 5/03/11

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Chimpanzee goes Swimming (<https://groups.io/g/AAT/message/57628?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,200,64988057)

Monkeys, gorillas, orangutans... now a chimpanzee goes for a swim... Chimpanzee Swimming <http://www.youtube.com/watch?v=q916J6rzqno> \_\_\_\_\_ The chimpanzee seems, to be blinded somewhat by

By m3dodds · #57628 · 4/27/11

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Neanderthal burial ground, discovered... (<https://groups.io/g/AAT/message/57627?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,200,64988054)

"Evidence for a likely 50,000-year-old Neanderthal burial ground that includes the remains of at least three individuals has been unearthed in Spain, according to a Quaternary International paper. The

By m3dodds · #57627 · 4/26/11

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Human, Chimp Ancestors May Have Mated, DNA Suggests (<https://groups.io/g/AAT/message/57626?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,200,64987998)

Strangeruther... Think this 2006 hypotheses, can be disregarded... there better ones out there on the divergence of the ancestors of genus Homo and the extant chimpanzee. John Hawks sums up this paper

By m3dodds · #57626 · 4/26/11

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New A. sediba work suggests it may be genus homo ancestor (<https://groups.io/g/AAT/message/57620?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,200,64988032)

Yes, humans are more primitive in some ways. More like the LCA? Extant chimpanzees are a lot more derived, to the extent we have nothing in common with the extant chimpanzee other than the LCA some 5

By m3dodds · #57620 · 4/24/11

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Right-handedness and Language Origins 500,000 years ago? (<https://groups.io/g/AAT/message/57617?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,200,64988035)

"Frayer said that his findings on right-handedness have implications for understanding the language capacity of ancient populations, because language is primarily located on the left side of the brain  
By m3dodds · #57617 · 4/24/11

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New A. sediba work suggests it may be genus homo ancestor (<https://groups.io/g/AAT/message/57616?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,200,64988032)

Too late, an in wrong place to be ancestral to genus Homo... [QUOTE] "Possible Homo fossils date to around 2.3 million years ago in East Africa, suggesting that even if A. sediba truly is a new specie  
By m3dodds · #57616 · 4/24/11

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/57611?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,220,64985903)

Hello Rob... Thanks, for resending it... Dead end... seems to sum up the unfortunate habilis. Personally I would say the discovery that the habilis co-existed with the early H.erectus literally in the  
By m3dodds · #57611 · 4/23/11

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H.heidelbergensis (<https://groups.io/g/AAT/message/57608?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,220,64988017)

Thanks Marc, H.heidelbergensis, common ancestor (LCA) of Homo neanderthal and Homo sapiens... --Bill  
By m3dodds · #57608 · 4/22/11

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Fruit ... Early Ancestors Food of Choice? (<https://groups.io/g/AAT/message/57594?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,220,64987986)

"But while the body parts show these human ancestors could eat hard objects, the patterns of wear on their teeth show something completely different. "When we look at the microscopic wear on those tee  
By m3dodds · #57594 · 4/18/11

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Gone Fishing - Orangutan Style (<https://groups.io/g/AAT/message/57593?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,220,64987982)

Marc, It would seem to prove that hominins, apes and monkeys had and have no compunction whatsoever about foraging on the bank of a river, the shore of a lake or even the sea when the opportunity aris  
By m3dodds · #57593 · 4/18/11

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Gone Fishing - Orangutan Style (<https://groups.io/g/AAT/message/57591?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,220,64987982)

"Orangutans living in Borneo scavenge fish that wash up along the shore and scoop catfish out of small ponds for fresh meals, anthropologist Anne Russon of York University in Toronto reported on April  
By m3dodds · #57591 · 4/17/11

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Phonemic Diversity Supports a Serial Founder Effect Model of Language Expansion from Africa

(<https://groups.io/g/AAT/message/57587?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,220,64987951>)

John Hawks, understands it perfectly. --Bill  
By m3dodds · #57587 · 4/17/11

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Phonemic Diversity Supports a Serial Founder Effect Model of Language Expansion from Africa

(<https://groups.io/g/AAT/message/57585?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,220,64987951>)

"Why should the origin of languages have had the largest inventory of phonemes? If small populations typically lose phonemic variation, why would sparse hunter-gatherer populations of Africa have buil  
By m3dodds · #57585 · 4/16/11

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Thick Skulls, Hard chewing? (<https://groups.io/g/AAT/message/57580?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,220,64987960)

People often complain to their friends when others don't "get" something they are trying to say "they can't get it through their thick skulls". Words like "boneheaded" and "numbskull" are things we al  
By m3dodds · #57580 · 4/16/11

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Could the early Hominins climb (<https://groups.io/g/AAT/message/57579?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,220,64987957)

"Modern chimpanzees safely and effectively climb trees in part because they are capable of extreme dorsiflexion and inversion at the ankle joint. Skeletal adaptations correlated with loading in these  
By m3dodds · #57579 · 4/16/11

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Phonemic Diversity Supports a Serial Founder Effect Model of Language Expansion from Africa

(<https://groups.io/g/AAT/message/57578?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,220,64987951>)

What a load of drivel, it is about as believable as saying there are mermaids in the sea and little green men on the Moon. --Bill

By m3dodds · #57578 · 4/16/11

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Language Not as 'Innate' as thought (<https://groups.io/g/AAT/message/57574>)

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,220,64987944)

"The finding contradicts the common understanding that word-order develops in accordance with a set of universal rules, applicable to all languages. Researchers have concluded that languages do not pr

By m3dodds · #57574 · 4/15/11

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/57572>?)

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,220,64985903)

Hello Rob... Would agree it is more likely that the H.erectus like their marginally larger brain, inherited the adaptations for distance running from the littoral predecessor or predecessor some 2.6/2

By m3dodds · #57572 · 4/14/11

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How Ardi Walked Upright 4.4 Mya (<https://groups.io/g/AAT/message/57568>?)

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,220,64987795)

No chimpanzee-like climbing, Marc. Extant chimpanzee has a grasping foot adapted for climbing... The Ardi foot architecture hasd nothing in common with that of the extant chimpanzee. Have read what wa

By m3dodds · #57568 · 4/13/11

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How Ardi Walked Upright 4.4 Mya (<https://groups.io/g/AAT/message/57559>?)

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,220,64987795)

Ardi... No adaptations for chimpanzee-like knuckle-walking or climbing, no adaptations for so-called bent-hip bent knee walking... just adapted to occasionally walk upright like a facultative biped when o

By m3dodds · #57559 · 4/12/11

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Heavy bones: running or diving (<https://groups.io/g/AAT/message/57558>?)

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,220,64987176)

Agree,JJ. West African athletes (sprinters) have been found to have denser bones. --Bill

By m3dodds · #57558 · 4/12/11

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Bigger Brains Provide Complex Cognition (<https://groups.io/g/AAT/message/57557>?)

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,220,64987908)

Wasps Show How Bigger Brains Provide Complex Cognition "For smaller-brained species, cognitive power may be limited by their inability to invest in central brain regions. "In many kinds of animals, it

By m3dodds · #57557 · 4/12/11

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Taurine - another benifit of a diet rich in seafood (<https://groups.io/g/AAT/message/57554>?)

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,220,64987743)

:-) Best of luck, Heather, hope it works out... --Bill

By m3dodds · #57554 · 4/11/11

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How Ardi Walked Upright 4.4 Mya (<https://groups.io/g/AAT/message/57550>?)

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,220,64987795)

No knuckle-walking nonsense, no savanna, just a biped walking in the woods 4.4 Mya... Science video on Ardi: The Analysis of Ardipithecus ramidus - One of the Earliest Known Hominids <http://www.youtub>

By m3dodds · #57550 · 4/11/11

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Taurine - another benifit of a diet rich in seafood (<https://groups.io/g/AAT/message/57549>?)

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,220,64987743)

----- A seaweed tea? it sounds a little more palatable than a bitter tasting green tea. Thanks, for the links....

Iodine deficiency is said to be more prevalent in

By m3dodds · #57549 · 4/11/11

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Taurine - another benifit of a diet rich in seafood (<https://groups.io/g/AAT/message/57542>?)

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,220,64987743)

Marc, the words "land" and "ground" have different meanings. Have read it... probably two potatoes baked in their skins would meet your iodine RDI. <http://apjcn.nhri.org.tw/server/info/books-phds/book>

By m3dodds · #57542 · 4/10/11

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Taurine - another benifit of a diet rich in seafood (<https://groups.io/g/AAT/message/57533>?)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,240,64987743)

On land... humans, primates, mammals evolved and adapted on land, Marc. Whether it was up in the trees or down on the ground it was on land. We are not unique, all animals, birds require iodine. We ar

By m3dodds · #57533 · 4/10/11

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Taurine - another benifit of a diet rich in seafood (<https://groups.io/g/AAT/message/57532?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,240,64987743)

----- Bonito flakes sound like some sort of cereal, but as I understand it they are fact derived from fish and used in a number of popular Japanese dishes. Checke

By m3dodds · #57532 · 4/10/11

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/57523?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,240,64985903)

Hello Rob... Good to hear you are now o.k... an that it was not a mozzie that laid you low. Vast Asian grasslands, migrating herds, a mild climate? It is an intriguing paper... distance running (DR) d

By m3dodds · #57523 · 4/09/11

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Taurine - another benifit of a diet rich in seafood (<https://groups.io/g/AAT/message/57518?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,240,64987743)

Heather, Perhaps it is more the weird combination of ingredients in an "energy drink" that has the affect, rather than a single ingredient like taurine or caffeine. Not so certain, as most of our adap

By m3dodds · #57518 · 4/08/11

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Taurine - another benifit of a diet rich in seafood (<https://groups.io/g/AAT/message/57517?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,240,64987743)

Dennis, Would agree on your central point that it was the additional nutrition gained by foraging on the shore and foreshore (plus rivers, lakes an estuaries) that made the difference in human evoluti

By m3dodds · #57517 · 4/08/11

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How Ardi Walked Upright 4.4 Mya (<https://groups.io/g/AAT/message/57508?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,240,64987795)

Discovering Ardi: Panel Discussion Highlights <http://www.youtube.com/watch?v=QIW9fuR70Rk&feature=related> ----- -- Bill

By m3dodds · #57508 · 4/07/11

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Taurine - another benifit of a diet rich in seafood (<https://groups.io/g/AAT/message/57506?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,240,64987743)

Heather... If it has calming effects, then it would appear those who say that acts more of a sedative than anything else could be correct. Thinking of it as a food may be wrong, as 'food' is more like

By m3dodds · #57506 · 4/07/11

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How Ardi Walked Upright 4.4 Mya (<https://groups.io/g/AAT/message/57504?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,240,64987795)

Discovery video, explaining how Ardi a biped walked upright 4.4 Mya. Discovering Ardi - How Ardi Walked [http://www.youtube.com/watch?v=Pw\\_J6jV02eU&NR=1&feature=fvwp](http://www.youtube.com/watch?v=Pw_J6jV02eU&NR=1&feature=fvwp) ----- -- Bil

By m3dodds · #57504 · 4/06/11

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Sound of language (<https://groups.io/g/AAT/message/57498?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,240,64987731)

Terry... It is thought that tonal language (whistling language?) preceded non-tonal languages... and that it may have a genetic origin. [QUOTE] "In tonal languages, which are most common in South East

By m3dodds · #57498 · 4/06/11

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Taurine - another benifit of a diet rich in seafood (<https://groups.io/g/AAT/message/57497?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,240,64987743)

Anyone getting adequate protein (meat,shellfish milk) should have no problems with taurine. Humans only have problems when they adopt extreme diets, forgetting we are not a herbivore like the bovines

By m3dodds · #57497 · 4/06/11

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Taurine - another benifit of a diet rich in seafood (<https://groups.io/g/AAT/message/57486?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,240,64987743)

Hello Heather... Cats cannot synthesize taurine, an one of the consequences of a lack of taurine in their food is eye problems and possibly

going blind as a result. (some bird species can also suffer

By m3dodds · #57486 · 4/05/11

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MYH16: The Video (<https://groups.io/g/AAT/message/57482?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,240,64987746)

A video explaining: the gene mutation in the Homo lineage millions of years ago that led to smaller jaw muscles and a big brain in Man.

Evolution: Jaw Muscle and Brain Cavity Size <http://www.youtube.c>

By m3dodds · #57482 · 4/04/11

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Taurine - another benefit of a diet rich in seafood (<https://groups.io/g/AAT/message/57481?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,240,64987743)

By m3dodds · #57481 · 4/04/11

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Sound of language (<https://groups.io/g/AAT/message/57477?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,240,64987731)

Terry, Language, languages, the ability to use the spoken word is probably at most no more than a several hundred thousand years old. Whilst finer control of the mammalian ability to hold the breath,

By m3dodds · #57477 · 4/02/11

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Hardy's AAT (<https://groups.io/g/AAT/message/57470?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,240,64987621)

Stephen, Walrus are semi aquatics who dive in shallow water (10 to 80m)to feed primarily as you say on a diet of worms, snails, clams and molluscs. However like seals, whales, otters and dolphins th

By m3dodds · #57470 · 3/31/11

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Hardy's AAT (<https://groups.io/g/AAT/message/57463?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,240,64987621)

Apparently yes, to overcome buoyancy if you are fully aquatic and feeding in shallow water, but no if you are an aquatic mammal diving in the deeps (they use a different method). Bones: water living c

By m3dodds · #57463 · 3/30/11

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Hardy's AAT (<https://groups.io/g/AAT/message/57458?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,240,64987621)

It does have more to do with overcoming buoyancy in shallow water... than diving, Marc. Apart from Man, I don't think many species just dive to collect food off the bottom of the sea. (otters perhaps?)

By m3dodds · #57458 · 3/29/11

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Hardy's AAT (<https://groups.io/g/AAT/message/57449?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,240,64987621)

Thanks... will do. However, the heavier bones seen in semi-aquatic mammals have more to with buoyancy than diving... Marc. Buoyancy (balance) in water is important for the likes of manatees,dugongs an

By m3dodds · #57449 · 3/28/11

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Hardy's AAT (<https://groups.io/g/AAT/message/57442?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,240,64987621)

Via these analyses, hippos and whales can be linked to a common water-loving ancestor that lived 50 to 60 million years ago. One population of this ancestral species returned to the water to become ce

By m3dodds · #57442 · 3/27/11

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Hardy's AAT (<https://groups.io/g/AAT/message/57438?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,240,64987621)

Marc... Aquatic mammals like whales, have fully adapted for life in the cold depths of the oceans, they adapted over a period of tens of millions of years. Polar bears have adapted for cold water, lif

By m3dodds · #57438 · 3/27/11

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Hardy's AAT (<https://groups.io/g/AAT/message/57435?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,260,64987621)

Not prejudices Marc, facts. 1)Oceans have currents, currents that travel around the world. Meaning even at the equator the surface temperature of the seas even at the equator would be colder during a

By m3dodds · #57435 · 3/27/11

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Hardy's AAT (<https://groups.io/g/AAT/message/57433?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,260,64987621)

The idea that early humans would have dived in cold water, during the last 'ice age', is nonsensical. --Bill

By m3dodds · #57433 · 3/26/11

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Hardy's AAT (<https://groups.io/g/AAT/message/57431?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,260,64987621)

By m3dodds · #57431 · 3/26/11

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/57422?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,260,64985903)

Hello Rob... Perhaps, it is only a minor difference of opinion... one that could be best summarized by saying that I believe that the earlier H.erectus were less efficient at distance running than AMH

By m3dodds · #57422 · 3/24/11

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The Anthropocene — The Age of Man (<https://groups.io/g/AAT/message/57410?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,260,64987639)

It's a new name for a new geologic epoch—one defined by our own massive impact on the planet. That mark will endure in the geologic record long after our cities have crumbled. [QUOTE] Anthropocene-Age

By m3dodds · #57410 · 3/22/11

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boisei diet (Re: Re: FAQs (<https://groups.io/g/AAT/message/57407?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,260,64987623)

A.boisei ... No, too far south And Human ancestors would have had to leave Africa, for SW Europe to get the benefits of eating cold-water fish like the salmon... Dietary Sources of Omega-3 Fatty Acids

By m3dodds · #57407 · 3/21/11

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boisei diet (Re: Re: FAQs (<https://groups.io/g/AAT/message/57403?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,260,64987623)

A 100 gm of salmon would be more rewarding, than either mussels, oysters or crab. Nutritional Aspects of Fish (PDF) [www.bim.ie/uploads/text\\_content/docs/553Nutritional%20Aspects%20of%20Fish.pdf](http://www.bim.ie/uploads/text_content/docs/553Nutritional%20Aspects%20of%20Fish.pdf) Lists

By m3dodds · #57403 · 3/21/11

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Humans Smell Like Chimps... (<https://groups.io/g/AAT/message/57399?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,260,64987604)

Difficult to say Marc, as macaques, some macaques spend a lot of time on the ground. Guess what they need to is some further studies on how primates (including humans) actually use their sense of smell

By m3dodds · #57399 · 3/21/11

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Humans Smell Like Chimps... (<https://groups.io/g/AAT/message/57397?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,260,64987604)

Any thoughts Marc, on why humans have more functioning OR genes than Orang-utans (and macaques)? Humans have 396 and chimpanzees 399, but orang-utans have 333 and macaques have 326 functioning OR gene

By m3dodds · #57397 · 3/20/11

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FAQs (<https://groups.io/g/AAT/message/57392?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,260,64987600)

Have read it, Marc. I would not recommend it to anyone seeking to know more about the role the waterside played in human evolution. [quote] "Then in time I see him becoming more and more of an aquatic

By m3dodds · #57392 · 3/20/11

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Humans Smell Like Chimps... (<https://groups.io/g/AAT/message/57391?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,260,64987604)

"A study by a group of Japanese researchers (Atsushi Matsui, Yasuhiro Ho and Yoshihito Niimura), about to appear in Molecular Biology and Evolution [subscription needed], looks at this widely-accepted

By m3dodds · #57391 · 3/20/11

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FAQs (<https://groups.io/g/AAT/message/57388?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,260,64987600)

Marc... Hardy, is hardly recommended reading for someone who wants to understand the role a waterside habitat played in human evolution. And eating solely a seafood diet would be a bad idea for an omn

By m3dodds · #57388 · 3/20/11

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/57381?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,260,64985903)

Hello Rob... As you say it on the face of it, it should be simpler to date when the early ancestors of Homo became distance runners than to date some of the remarkable gene changes that have shaped hu

By m3dodds · #57381 · 3/19/11

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Wall Street Journal Article on aquatic apes (<https://groups.io/g/AAT/message/57371?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,260,64987560)

Appears so... Elaine, see... WSJ article: Mind & Matter March 12. 2011 We Are the Apes Who Took to the Sea by Matt Ridley  
<http://online.wsj.com/article/SB10001424052748703386704576186430984241672.html>

By m3dodds · #57371 · 3/17/11

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Wall Street Journal Article on aquatic apes (<https://groups.io/g/AAT/message/57367?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,260,64987560)

Thanks, Marc. Not being a reader of the Wall Street Journal, a dull but influential publication - it would not have been an article I would have come across. The last sentence of the article seems to

By m3dodds · #57367 · 3/17/11

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Neanderthals were nifty at controlling fire (<https://groups.io/g/AAT/message/57359?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,260,64987554)

A new study involving the University of Colorado Boulder shows clear evidence of the continuous control of fire by Neanderthals in Europe dating back roughly 400,000 years, yet another indication that

By m3dodds · #57359 · 3/15/11

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/57357?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,260,64985903)

Hello Rob... Perhaps it was ever so, in the sense it was not a problem for the more active predecessors of AMH if as likely they were living a more physically demanding life... (exercise in modern ter

By m3dodds · #57357 · 3/14/11

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Evolution of Speech & Breath Control (<https://groups.io/g/AAT/message/57353?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,260,64987477)

How cats purr <http://whyevolutionistrue.wordpress.com/2009/02/08/how-cats-purr/> \_\_\_\_\_

By m3dodds · #57353 · 3/13/11

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Evolution of Speech & Breath Control (<https://groups.io/g/AAT/message/57334?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,260,64987477)

Elaine... True, but breath holding when diving has its physical limits as other body involuntary reflexes will kick in an force you to take a breath if you delay breathing excessively... Polar bears ca

By m3dodds · #57334 · 3/11/11

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Evolution of Speech & Breath Control (<https://groups.io/g/AAT/message/57332?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,260,64987477)

Yes and no, Silk... Yes, speech requires a certain level of cognitive function, the level of cognitive function seen in humans. However, the spoken word (speech) does require a finer measure of contro

By m3dodds · #57332 · 3/11/11

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Evolution of Speech & Breath Control (<https://groups.io/g/AAT/message/57324?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,280,64987477)

Evidence presented herein shows that modern humans and Neanderthals have an expanded thoracic vertebral canal compared with australopithecines and Homo ergaster, who had canals of the same relative si

By m3dodds · #57324 · 3/10/11

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/57323?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,280,64985903)

Hello Rob... A large dollop of special-pleading and more does seem to be the case where that particular hypotheses is concerned. Metaphors are at best generalisations... While words like cradle can eith

By m3dodds · #57323 · 3/10/11

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Cosquer Cave (<https://groups.io/g/AAT/message/57316?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,280,64987441)

Would be cold Marc if it was 19,000 year ago. Though southern Europe was ice free, the last glaciation had about reached its maximum

19,000 years ago... (sea levels would have been pretty low) Seems i  
By m3dodds · #57316 · 3/07/11

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Cosquer Cave (<https://groups.io/g/AAT/message/57314?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,280,64987441)

No big mystery, it could simply be the depiction of an Auk, possibly a great Auk. Similar markings, similar colouring, similar posture and similar feeding habits (pursuit diving)... as a penguin. http

By m3dodds · #57314 · 3/07/11

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/57311?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,280,64985903)

Hello Rob... In that case it would seem someone forgot to tell gorilla and the chimpanzee that they should not widely disperse... Gorilla today is found in some of its former forest habitat that range

By m3dodds · #57311 · 3/06/11

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savanna and vision... :(( (<https://groups.io/g/AAT/message/57306?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,280,64987392)

Highly unlikely Chak... we evolved in world of colour and now live in a world of even richer colours. Colour deficiency in humans is not the same as being colour blind... Deuteranomaly(problems

By m3dodds · #57306 · 3/04/11

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savanna and vision... :(( (<https://groups.io/g/AAT/message/57299?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,280,64987392)

Primates have trichromatic vision (old world and new world primates differ somewhat)... being able to see the colour red and related colours is useful if you are a fruit eater. Most other mammals are

By m3dodds · #57299 · 3/03/11

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Millions of years of Backache (<https://groups.io/g/AAT/message/57296?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,280,64987407)

Marc. H.erectus was different. H.erectus was short and fat... they were more like H.georg (Dmanisi). In height they came up to about the shoulder height of AMH, they had wider pelvises a more barrel I

By m3dodds · #57296 · 3/03/11

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Millions of years of Backache (<https://groups.io/g/AAT/message/57291?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,280,64987407)

"In a talk called "Four Million Years of Back Pain" on 25 February, Dr. Asier Gomez-Olivencia will present the latest results of his research on the damaged spine of an early hominin called Homo heide

By m3dodds · #57291 · 3/02/11

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Neu5Gc - obesity and diabetes, (<https://groups.io/g/AAT/message/57286?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,280,64987378)

It is not so much as protecting us from catching cancer, it more a question that ingesting Neu5Gc (in red meat) may increase the risk of humans getting cancer (effectively as far as the human body is

By m3dodds · #57286 · 3/01/11

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/57283?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,280,64985903)

Hello Rob... Aye, they've shot themselves in the foot! He and his team could have done themselves a big favour by being more open, but there seems to be a lot big egos in palaeoanthropology more inter

By m3dodds · #57283 · 2/28/11

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Neu5Gc - obesity and diabetes, (<https://groups.io/g/AAT/message/57278?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,280,64987378)

Morning Heather... Not sure we can use birds as a comparison, as they are not mammals. Think most if not all animals have both the AC an GC versions, humans lack Neu5Gc but have additional Neu5Ac... N

By m3dodds · #57278 · 2/26/11

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Neu5Gc - obesity and diabetes, (<https://groups.io/g/AAT/message/57275?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,280,64987378)

"but its implications for human evolution are even greater.If this enzyme is unique to humans, it must also have given us a survival advantage over earlier species. Now the challenge is to find the fu

By m3dodds · #57275 · 2/25/11

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/57270?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,280,64985903)

Hello Rob... Rivalry, professional rivalry could be one reason, perhaps more so because they are French in a field that is dominated by the Americans. Secondly, there appears to be little consensus ab

By m3dodds · #57270 · 2/23/11

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"Fossil reveals early human bipedalism" (<https://groups.io/g/AAT/message/57259?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,280,64987339)

Travskyr, good point on place of death. I would only add that not all animals living near streams and rivers and lakes forage in them... for most animals they are simply a source of water. --Bill

By m3dodds · #57259 · 2/21/11

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Who Was Lucy, Why is She Important? (<https://groups.io/g/AAT/message/57253?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,280,64987334)

3.2 million-year-old fossil foot bone supports humanlike bipedalism in Lucy's species, Australopithecus afarensis A fossilized foot bone recovered from Hadar, Ethiopia, shows that by 3.2 million years

By m3dodds · #57253 · 2/20/11

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/57247?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,280,64985903)

Hello Rob... Well he's been waiting 7 million years, so I guess waiting another two or three years as they decided whether 'he' is a hominid or an ape won't matter... Can't see how it can be claimed e

By m3dodds · #57247 · 2/19/11

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"BP": from the recent paper of Wood + Harrison in Nature (<https://groups.io/g/AAT/message/57240?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,280,64987306)

Tim White at the University of California, Berkeley, one of the palaeoanthropologists who worked with A. ramidus, argues that the review is deeply flawed. "This paper may seem 'researchy' but it myste

By m3dodds · #57240 · 2/18/11

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/57218?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,280,64985903)

Penguins are carnivores, Marc. That is your reasoning, not mine... Penguins are birds, they have the skeleton of a bird. Penguin skeleton: <http://chrisgaldi.files.wordpress.com/2009/07/penguin-skeleto>

By m3dodds · #57218 · 2/15/11

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/57212?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,280,64985903)

Hello Rob... Perhaps Toumai was more likely to have been a facultative biped 7 Mya, most primates today are capable of walking short distances upright, such as when walking through a body of shallow w

By m3dodds · #57212 · 2/14/11

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/57210?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,300,64985903)

Not bipedalism as such, Marc, but the point at which the ancestors of Man made the switch to obligate bipedalism... and whether it is more likely that a small gut was a prerequisite for obligate biped

By m3dodds · #57210 · 2/13/11

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On Their Own 2 Feet Walking 3.2 Mya (<https://groups.io/g/AAT/message/57206?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,300,64987224)

They are correct - what you are suggesting Marc, is not parsimonious not even remotely parsimonious... --Bill

By m3dodds · #57206 · 2/13/11

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On Their Own 2 Feet Walking 3.2 Mya (<https://groups.io/g/AAT/message/57200?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,300,64987224)

A fossilized foot bone recovered from Hadar, Ethiopia, shows that by 3.2 million years ago human ancestors walked bipedally with a modern human-like foot, a report that appears Feb. 11 in the journal

By m3dodds · #57200 · 2/12/11

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On Their Own 2 Feet Walking 3.2 Mya (<https://groups.io/g/AAT/message/57193?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,300,64987224)

"3.2 million-year-old fossil foot bone supports humanlike bipedalism in Lucy's species, Australopithecus afarensis A fossilized foot bone

recovered from Hadar, Ethiopia, shows that by 3.2 million year

By m3dodds · #57193 · 2/12/11

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/57191?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,300,64985903)

\_\_\_\_\_ Hello Rob... You make a good case for linking a small gut, to the adoption of obligate bipedalism...  
for when you think about it a "gorilla-sized" gut would certa

By m3dodds · #57191 · 2/11/11

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Au.afarensis had a foot with transverse & longitudinal arches (<https://groups.io/g/AAT/message/57190?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,300,64987210)

Thanks Marc, the discovery of these particular foot arches confirm that bipedalism is millions of years old and that the Laetoli footprints were made by a bipedal hominid 3.7 Mya. It also pushes back

By m3dodds · #57190 · 2/11/11

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Heavy bones: running or diving (<https://groups.io/g/AAT/message/57186?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,300,64987176)

Fishing, catching fish probably accounted for some of the last increase in the size of the human brain between 800,000 and 200,000 years ago. You would need to eat a lot shellfish, to get the calories

By m3dodds · #57186 · 2/10/11

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Heavy bones: running or diving (<https://groups.io/g/AAT/message/57183?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,300,64987176)

Ama divers, using weights have one advantage over heavy bones... in that you can leave the weights behind on the climb back to the surface. Salmon are cold water fish, rich in DHA, they would not have

By m3dodds · #57183 · 2/10/11

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Heavy bones: running or diving (<https://groups.io/g/AAT/message/57182?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,300,64987176)

----- OK ... Dense bones are said to confer negative buoyancy on dugongs... Heavy bones combined with a robust build in H.erectus would likely have resulted in negative

By m3dodds · #57182 · 2/10/11

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Heavy bones: running or diving (<https://groups.io/g/AAT/message/57176?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,300,64987176)

Thanks, Stephen. Perhaps writing... "some, have the view" rather than... "the prevailing view" would have been better. The H.erectus was no doubt a more robust species than AMH, as were all early memb

By m3dodds · #57176 · 2/09/11

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/57167?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,300,64985903)

Hello Rob... I agree, and it is based on two assumptions, which at face value seem to be valid, one... a more nutritious diet would itself make more energy available, and two... a highly nutritious di

By m3dodds · #57167 · 2/07/11

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Laetoli footprints (<https://groups.io/g/AAT/message/57162?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,300,64987159)

Thanks, Marc. However, your bipedal straight legged apith- chimpanzees walking on damp sand 3.6 Mya, before the the existence of the modern chimpanzee does not sound very plausible... Aside from which

By m3dodds · #57162 · 2/06/11

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Human Bipedalism 3.6 Mya (<https://groups.io/g/AAT/message/57156?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,300,64987143)

"These results provide us with the earliest direct evidence of kinematically human-like bipedalism currently known, and show that extended limb bipedalism evolved long before the appearance of the gen

By m3dodds · #57156 · 2/05/11

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Energy expenditure for scavenged marrowbones (<https://groups.io/g/AAT/message/57152?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,300,64987090)

Salt (sodium) is a mineral, it is in rocks, the soil like any other mineral. Humans get their salt from the mining of salt beds (layers of salt underground) horses and cattle an other animals (herbivo

By m3dodds · #57152 · 2/04/11

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Energy expenditure for scavenged marrowbones (<https://groups.io/g/AAT/message/57142?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,300,64987090)

Yes, horses and cattle have a much higher need for salt than the average human. (humans are not unique in having a craving for salt) The minimum for a human is 1.5 grams, recommended intake daily is 5

By m3dodds · #57142 · 2/03/11

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Energy expenditure for scavenged marrowbones (<https://groups.io/g/AAT/message/57139?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,300,64987090)

Not sure, but Humans are essentially no different from any other animal, in terms of salt need (we need it the same as they do to regulate body functions like any other animal). We tend (in the west)

By m3dodds · #57139 · 2/03/11

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Energy expenditure for scavenged marrowbones (<https://groups.io/g/AAT/message/57135?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,300,64987090)

Yes, catching fish in a river is relatively simple affair. Fish can be caught in tidal pools, shallow river pools by hand, and shallow pools themselves can be created for example in a river to trap fi

By m3dodds · #57135 · 2/02/11

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Energy expenditure for scavenged marrowbones (<https://groups.io/g/AAT/message/57132?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,300,64987090)

-) Morning, Heather. Pleased to hear you enjoyed reading Cordain's paper. Would say though while the point he makes about 'energy return' is essentially correct, his assumption that those on the shore

By m3dodds · #57132 · 2/02/11

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/57115?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,300,64985903)

Hello Rob... The term 'expensive tissue' probably has its origins in the title of Aiello and Wheeler's 1995 paper on the subject in which they claimed that brain tissue is metabolically expensive... [

By m3dodds · #57115 · 1/31/11

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Tree to ground switch dated (<https://groups.io/g/AAT/message/57113?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,300,64986981)

Basically, Marc, they are saying the switch from facultative to habitual bipedalism occurred between 3 and 4 Mya (the switch being the point at which we stopped climbing trees)... Don't see any problem

By m3dodds · #57113 · 1/31/11

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Ambam the Bipedal Gorilla (<https://groups.io/g/AAT/message/57084?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,320,64986910)

Would seem Elaine, as a one year old Ambam lived with his keeper... "Tearing around in his nappy, draining his bottle of every last drop, he could be any other bouncy baby boy — but for the fact that

By m3dodds · #57084 · 1/29/11

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Stone Tools Rewrite History of Man (<https://groups.io/g/AAT/message/57080?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,320,64986962)

"A stone-age archaeological site in the Arabian peninsula has become the focus of a radical theory of how early humans made the long walk from their evolutionary homeland of Africa to become a global

By m3dodds · #57080 · 1/29/11

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Ambam the Bipedal Gorilla (<https://groups.io/g/AAT/message/57079?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,320,64986910)

Gorillas, adult gorillas tend to have 'fat' bellies Elaine. Ambam's may just be bigger than the average. Why do they have big bellies... the usual answer given is their herbivore diet of bulky gr

By m3dodds · #57079 · 1/29/11

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Ambam the Bipedal Gorilla (<https://groups.io/g/AAT/message/57073?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,320,64986910)

Agree, Marc. Gibbons are proficient at walking on two legs the ground... Hilarious Gibbon <http://www.youtube.com/watch?v=iLBrccrRfA&feature=fvw> Why on earth would they have? They arrived on the shore

By m3dodds · #57073 · 1/28/11

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Ambam the Bipedal Gorilla (<https://groups.io/g/AAT/message/57072?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,320,64986910)

Not so certain, Elaine. Male gorillas (silverbacks) in the wild have been known to reach 230 Kg. A 260 kg, 270 kg gorilla in captivity would be probably be classed as obese. Watched an interview on on  
By m3dodds · #57072 · 1/28/11

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Ambam the Bipedal Gorilla (<https://groups.io/g/AAT/message/57063?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,320,64986910)

Seems genuine Marc, another 50,000 have watched the video of Ambam walking since yesterday. Second video, of Ambam walking (has a longer and closer up shot of Ambam walking and standing upright) Goril

By m3dodds · #57063 · 1/27/11

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Orangutan Genome Full of Surprises (<https://groups.io/g/AAT/message/57062?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,320,64986924)

The orangutan, the most sedentary of the great apes, has unusually stable DNA, too. Researchers have just completed the sequencing of the entire genome of our orange-haired relative, and they have fou

By m3dodds · #57062 · 1/27/11

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Ambam the Bipedal Gorilla (<https://groups.io/g/AAT/message/57057?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,320,64986910)

Ambam the Bipedal Gorilla The 18-second clip, shot at Port Lympne Wild Animal Park in Kent, shows the hulking ape walking upright on his hind legs, and has become an internet sensation. Almost 150,000

By m3dodds · #57057 · 1/26/11

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Out of North Africa, Not South (<https://groups.io/g/AAT/message/57050?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,320,64986888)

An essay by Michael Balter in Science asks the question, "Was North Africa the launch pad for modern human migrations?". This question seems to have an obvious answer. If you're in Africa and thinking

By m3dodds · #57050 · 1/25/11

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/57046?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,320,64985903)

Hello Rob... One answer could be not to view large brains as risky, but as expensive, expensive in terms of energy (the human brain grabs 20 to 25% of our energy intake for its own uses), and another

By m3dodds · #57046 · 1/24/11

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Neanderthal myths: Big Noses, Big Sinuses (<https://groups.io/g/AAT/message/57033?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,320,64986805)

Marc, If you were floating in a vertical position wouldn't the head be completely out of the water? Usually when floating with the back in the water (when alive) the head will naturally adopt a positi

By m3dodds · #57033 · 1/20/11

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Neanderthal myths: Big Noses, Big Sinuses (<https://groups.io/g/AAT/message/57029?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,320,64986805)

Hs noses come in all sizes and shapes (thin/fat, big/small straight/hooked), no doubt it was the same for Hn. While Hn and Hs had a common ancestor Hn was the older of the two. (which probably account

By m3dodds · #57029 · 1/20/11

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Niemitz re-invents AAT (<https://groups.io/g/AAT/message/57028?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,320,64986829)

Irrelevant, a mishmash of theories and complete nonsense where bipedalism is concerned. --Bill

By m3dodds · #57028 · 1/20/11

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Neanderthal myths: Big Noses, Big Sinuses (<https://groups.io/g/AAT/message/57023?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,320,64986805)

Facial configuration is in a sense random otherwise we would all look identical, Marc. They effectively disproved the myth that the "large" nose of the Neanderthals was a so-called cold adaptation. IM

By m3dodds · #57023 · 1/19/11

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Neanderthal myths: Big Noses, Big Sinuses (<https://groups.io/g/AAT/message/57022?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,320,64986805)

Thanks Stephen, As a flotation device it would make little sense, as they are too small relative to the size of the body, aside from which most humans have positive or neutral buoyancy in water anyway

By m3dodds · #57022 · 1/19/11

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## Neanderthal myths: Big Noses, Big Sinuses (<https://groups.io/g/AAT/message/57015?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,320,64986805)

"To learn more about what role sinuses might have played in Neanderthals, Rae and his colleagues analyzed X-rays and CT scans of several Neanderthal skulls. They found Neanderthal sinuses were actual

By m3dodds · #57015 · 1/18/11

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## Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/57011?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,320,64985903)

Hello Rob... That may have been the case; however I would say you fleshed out somewhat the notion that it was a pathogen that was responsible for the CMAH mutation, specifically the malaria parasite.

By m3dodds · #57011 · 1/16/11

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## No difference in Neanderthals and H.sapiens mortality (<https://groups.io/g/AAT/message/57001?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,320,64986767)

Another myth about the Neanderthals bites the dust... they lived just as long as the ancestors of Modern Man, once did. Late Pleistocene adult mortality patterns and modern human establishment Abstrac

By m3dodds · #57001 · 1/12/11

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## The Neanderthals Could Have Survived (<https://groups.io/g/AAT/message/57000?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,320,64986764)

It was not starvation, it was not the cold, so what happened to the Neanderthals... 37,000 years ago. Demography and the extinction of European Neanderthals Abstract: Causes previously suggested for t

By m3dodds · #57000 · 1/12/11

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## Humans First Wore Clothes 170,000 Years Ago (<https://groups.io/g/AAT/message/56990?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,320,64986728)

Hi Malgosia It is an interesting study, but 170,000 years ago sounds too recent a date for when our early ancestors first wore clothing... Wrangham argued that Man began cooking about a half million y

By m3dodds · #56990 · 1/09/11

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## Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/56989?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,340,64985903)

Hello Rob... First up you might find this intriguing quote from an item on Neu5Gc by Ajit Varki that I have read in the last few days... sounds a little familiar: [quote] "Possible Selection Processes

By m3dodds · #56989 · 1/09/11

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## Humans First Wore Clothes 170,000 Years Ago (<https://groups.io/g/AAT/message/56984?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,340,64986728)

Because archaic hominins did not leave descendants of clothing lice for sampling, the study does not explore the possibility archaic hominins outside of Africa were clothed in some fashion 800,000 yea

By m3dodds · #56984 · 1/08/11

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## H.erectus: not only pachyostotic, but also osteosclerotic? (<https://groups.io/g/AAT/message/56977?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,340,64986689)

Chak From the article: "Franz Weidenreich was trained as a medical doctor, and worked most of his career in medical institutions in Germany. He even served briefly as a medic in the German army during

By m3dodds · #56977 · 1/06/11

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## Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/56960?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,340,64985903)

Hello Rob... Yes, as genetic drift and natural selection are the two forces that drive evolution, genetic drift being random change in gene frequency resulting in mutations which, regardless of their

By m3dodds · #56960 · 1/04/11

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## Why a body temp. of 36.7.C ? (<https://groups.io/g/AAT/message/56948?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,340,64986640)

"One of the mysteries about humans and other advanced mammals has been why they are so hot compared with other animals," said study co-author Arturo Casadevall, M.D., Ph.D., professor and chair of mic

By m3dodds · #56948 · 12/31/10

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## Hs in the Middle East 200 ka? (<https://groups.io/g/AAT/message/56947?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,340,64986612)

Marc... Yes the sci-paper is more ambivalent (to make it more acceptable?) on the dating, but the authors themselves and almost every news

source is putting the emphasis firmly on the 400,000 years ag

By m3dodds · #56947 · 12/31/10

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Hs in the Middle East 200 ka? (<https://groups.io/g/AAT/message/56937?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,340,64986612)

The article Marc, gives a date of 400,000 years ago for the possible presence of Hs in the Middle East, not 200,000 years ago... [quote] "A research article presented by an Israeli team has unearthed

By m3dodds · #56937 · 12/29/10

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Humans: Out of the Middle East 400,000 years ago (<https://groups.io/g/AAT/message/56934?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,340,64986604)

"Scientists could be forced to re-write the history of the evolution of modern man after the discovery of 400,000-year-old human remains.

Until now, researchers believed that homo sapiens, the direct

By m3dodds · #56934 · 12/28/10

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/56933?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,340,64985903)

Hello Rob... Birds dropping shells on rocks, otters, chimpanzees shaping sticks to get at honey and a gorilla using a stick as it walks through waist deep water to reach a tasty morsel all appear to b

By m3dodds · #56933 · 12/28/10

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The Hn face is not cold adapted (<https://groups.io/g/AAT/message/56921?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,340,64986535)

Marc - Would you say AMH (modern humans) have also become more temperate adapted, in the last 10,000 to 40,000 years? In that case perhaps they diverged from the LCA sometime after the divergence of H

By m3dodds · #56921 · 12/26/10

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Nollaig Chridheil a h-uile duine! (<https://groups.io/g/AAT/message/56918?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,340,64986561)

Nollaig Chridheil a h-uile duine! [Merry Christmas everyone!] Slàinte mhath! --Bill

By m3dodds · #56918 · 12/25/10

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The Hn face is not cold adapted (<https://groups.io/g/AAT/message/56916?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,340,64986535)

Perhaps more temperate adapted than Hs... Possibly Hd (H.denisovan?) that new Asian species of Homo (if it existed) was a mixture of both Hn an Hs... Well if you were to draw a line across a map from

By m3dodds · #56916 · 12/24/10

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DNA says new human relative roamed widely in Asia (<https://groups.io/g/AAT/message/56913?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,340,64986541)

Apparently not Marc, from what they are saying it appears that there was a third human one that have ranged across mainland Asia an inbred with cousin Hn and cousin Hs... Perhaps, the claims of Chines

By m3dodds · #56913 · 12/23/10

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The Hn face is not cold adapted (<https://groups.io/g/AAT/message/56912?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,340,64986535)

Marc, The polar fox is as its name suggests is adapted to the Arctic, while mainland Europe has had a temperate climate during the interglacials of the current ice age. Hn ranged across southern Europ

By m3dodds · #56912 · 12/23/10

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DNA says new human relative roamed widely in Asia (<https://groups.io/g/AAT/message/56908?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,340,64986541)

The ice-age world is starting to look cosmopolitan. While Neanderthals held sway in Europe and modern humans were beginning to populate the globe, another ancient human relative lived in Asia, accordi

By m3dodds · #56908 · 12/22/10

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The Hn face is not cold adapted (<https://groups.io/g/AAT/message/56907?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,340,64986535)

:) So Marc, another mainstream PA fantasy (convoluted non-parsimonious explanation) about the kin of the H.sapiens bites the dust... The facial configuration of the H.neanderthals probably resulted fr

By m3dodds · #56907 · 12/22/10

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/56901?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,340,64985903)

Hello Rob... Yes, they are essentially using 'tools' for the same job - namely to get at food. Perhaps only when 'scientist' can devise a scanning method that literally 'reads' thoughts, will that que

By m3dodds · #56901 · 12/21/10

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DNA dates Neanderthal an Homo Sapiens divergence (<https://groups.io/g/AAT/message/56887?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,340,64986501)

"Forensic scientists and geneticists have used DNA to more definitely define the dates of Neanderthal and Homo sapiens divergence." [quote] DIENEKES' December 11, 2010 PLoS ONE 5(12): e14278. doi:10.1

By m3dodds · #56887 · 12/16/10

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/56884?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,340,64985903)

Hello Rob... Yes since they had the sagittal crest, it can be said to be clear evidence that the date of the CMHA mutation was around 2.4 Mya and rule out the argument that it could have occurred at a

By m3dodds · #56884 · 12/16/10

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DHA (<https://groups.io/g/AAT/message/56881?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,340,64986481)

Doubtful eating leafy dark green leaves and walnuts (sources of LNA) could ever have compared with EPA/DHA obtained from marine sources... herbivores for example tend to have small brains. And the lon

By m3dodds · #56881 · 12/15/10

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Lost Lands Under Persian Gulf (<https://groups.io/g/AAT/message/56866?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,360,64986456)

A once fertile landmass now submerged beneath the Persian Gulf may have been home to some of the earliest human populations outside Africa, according to an article published in Current Anthropology. [

By m3dodds · #56866 · 12/13/10

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/56865?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,360,64985903)

Hello Rob... :) Or perhaps they were a 'hunting/scavenging' or scouting party that fell foul of pack of predators. (like a'piths – australopithecines – they still had the sagittal crest on the top of

By m3dodds · #56865 · 12/12/10

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Claim for Earlier Stone Tool Use Refuted (<https://groups.io/g/AAT/message/56851?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,360,64986420)

"The Dikika research group focused its analysis on the morphology of the marks in question but failed to demonstrate, through recovery of similarly marked in situ fossils, the exact provenience of the

By m3dodds · #56851 · 12/09/10

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/56848?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,360,64985903)

Hello Rob... The garhi have though have seemingly retained the 'title' of earliest stone tool user, as a recent claim for even older 'tool use' some 3 Mya based on bone cut marks appears to have been

By m3dodds · #56848 · 12/08/10

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Neandertal stories - John Hawks (<https://groups.io/g/AAT/message/56842?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,360,64986403)

There is no "suite of behaviours that we evolved in Africa 150,000 years ago." There just aren't any. There's no good evidence of symbolic expression, no projectile points, no subsistence innovations,

By m3dodds · #56842 · 12/05/10

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Primates Are More Resilient Than Other Animals (<https://groups.io/g/AAT/message/56840?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,360,64986397)

What sets humankind's closest relatives -- monkeys, apes, and other primates -- apart from other animals? According to a new study, one answer is that primates are less susceptible to the seasonal ups

By m3dodds · #56840 · 12/04/10

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/56839?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,360,64985903)

Thanks, Richard. Pleased to hear that you found the whole caboodle a fascinating read... As to the Ethiopian highlands, the Rift valley as such bisects the highlands, and the Awash flows from the high

By m3dodds · #56839 · 12/04/10

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/56829?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,360,64985903)

Hello Rob... Having had a look at the relevant dates, perhaps it was the garhi rather than the 'habilis', as those fossils attributed to the 'habilis' are slightly more recent ('habilis' 2.3 – 1.4Mya)

By m3dodds · #56829 · 12/03/10

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Naked skin (<https://groups.io/g/AAT/message/56822?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,360,64986333)

When something is obvious, Marc, it needs no explanation. (it is self-evident) Specialization is the opposite of generalization... Based simply on feeding behavior, crocs like some species of shark (a

By m3dodds · #56822 · 12/01/10

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Naked skin (<https://groups.io/g/AAT/message/56820?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,360,64986333)

It is obvious humans are generalized opportunists omnivores. You do not need to be an expert to be aware of that fact, Marc. Specializing as such can lead to extinction and it often does. The boisei s

By m3dodds · #56820 · 12/01/10

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Naked skin (<https://groups.io/g/AAT/message/56812?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,360,64986333)

Humans are a generalized species, a generalized opportunist omnivore... Only in having a relatively large brain, are humans unique. --Bill

[quote] From a scientific standpoint, Homo sapiens certainly

By m3dodds · #56812 · 11/30/10

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/56811?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,360,64985903)

Marc - Myosin heavy chain 16 (the protein in question) is found in the temporalis and masseter jaw muscles. (mastication muscles) The two more recent dates you quote for the mutation of the MYH16 gene

By m3dodds · #56811 · 11/30/10

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/56807?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,360,64985903)

Hello Rob... Personally I would say the LCA as such was omnivorous that is to say the ancestors of the chimpanzee and of genus Homo inherited the trait from the LCA. (Gorilla is more of an herbivore).

By m3dodds · #56807 · 11/28/10

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/56779?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,360,64985903)

Hello Rob... A cyclone sounds about right, as it certainly was soddening wet and windy for a few days... Not eating red meat, or eating little red meat could have been the norm... prior to 2.4 Mya. Th

By m3dodds · #56779 · 11/22/10

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Dental speech (<https://groups.io/g/AAT/message/56771?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,360,64974901)

Elaine Did not work for me either at first, as the last few letters in Marc's link are 'missing'... Try this:

<http://averyremotepreiodindeed.blogspot.com/2007/09/clean-toothed-neanderthals.html> or thi

By m3dodds · #56771 · 11/20/10

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Descent of the larynx in chimpanzee (<https://groups.io/g/AAT/message/56769?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,360,64986197)

The Neanderthal genome: apparently indicates they were less than 0.5% different from AMH... that the two species may have inbred, and are likely to have had H.heidelbergensis as their LCA. [quote] "Ne

By m3dodds · #56769 · 11/20/10

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Descent of the larynx in chimpanzee (<https://groups.io/g/AAT/message/56764?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,360,64986197)

Marc - The LCA of H.neanderthal and H.sapiens was likely to have been H.heidelbergensis ... they spoke. They evidently had ears and a sense of hearing comparable to that of AMH (modern Man). Hearing i

By m3dodds · #56764 · 11/20/10

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Dental speech (<https://groups.io/g/AAT/message/56762?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,360,64974901)

Making comparisons with horses Marc, is absurd (nonsensical, preposterous)...

By m3dodds · #56762 · 11/20/10

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Dental speech (<https://groups.io/g/AAT/message/56756?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,360,64974901)

Marc - it is not a bad connection to make... as heightened sensitivity to food particles stuck between the teeth would be one indicator that the human brain had the sensory mechanism in place several

By m3dodds · #56756 · 11/19/10

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Descent of the larynx in chimpanzee (<https://groups.io/g/AAT/message/56752?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,360,64986197)

Would agree Marc - speech involves more than just the larynx. Language as such in probably has existed for no more than 50,000 - 60,000 years at most. The capacity to utter and hear spoken sounds has

By m3dodds · #56752 · 11/19/10

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Descent of the larynx in chimpanzee (<https://groups.io/g/AAT/message/56746?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,380,64986197)

Abstract: The human supralaryngeal vocal tract develops to form a unique two-tube configuration with equally long horizontal and vertical cavities. This anatomy contributes greatly to the morphologica

By m3dodds · #56746 · 11/18/10

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/56741?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,380,64985903)

Hello Rob... :- ) Its still raining... That does appear to be the case as most available sources seems to indicate that sea-foods are lacking in Neu5Gc. I though would tend to favour an inland CMAH mut

By m3dodds · #56741 · 11/17/10

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Did He speak? (<https://groups.io/g/AAT/message/56732?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,380,64986137)

Not so, Marc. - Having the ability to run is not the same thing as saying they ran down kodus, they are entirely different things. Humans are physically capable of running if they so choose. Incidenta

By m3dodds · #56732 · 11/15/10

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Did He speak? (<https://groups.io/g/AAT/message/56730?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,380,64986137)

Marc... For speech, you need a ear that can hear the spoken word (the frequency range of spoken sounds), evidence is that it is only within the last 600,000 - 700,000 years that we evolved a ear that

By m3dodds · #56730 · 11/14/10

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/56728?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,380,64985903)

Hello Rob... How's the fingernail? Here there is no need to tinker with the mower for at least another five months... at the moment old mother Nature seems determined to dump the entire contents of th

By m3dodds · #56728 · 11/14/10

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More LACK OF PROOF of Aquatic Ape theory: Toolmaking and Language may have developed together

(<https://groups.io/g/AAT/message/56722?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,380,64986134>)

Nor is there any evidence that H.erectus could speak. Probably one reason why they kept making the same tools over and over again for hundreds of thousands of year. No spoken language = no imagination

By m3dodds · #56722 · 11/13/10

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Stephen Cunnane (<https://groups.io/g/AAT/message/56718?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,380,64986123)

Thanks, Marc... Excellent videos. Part.1 <http://www.youtube.com/watch?v=8uroLRUsEEQ&feature=related> Part.2

<http://www.youtube.com/watch?v=oq8o2WkGQNI&feature=related> It was not what our ancestors did

By m3dodds · #56718 · 11/11/10

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Shouldn't the 'Savannah Theory' be dropped and sent back to LaLa land?

(<https://groups.io/g/AAT/message/56715?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,380,64986018>)

Relevant, Marc. In the sense some claim they were ancestral to the a'piths, an the a'piths ancestral to genus Homo. Neanderthal DNA, not H.erectus DNA: H.neandertal an H.sapiens had a common ancestor.

Shouldn't the 'Savannah Theory' be dropped and sent back to LaLa land?

(<https://groups.io/g/AAT/message/56709?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,380,64986018>)

Marc... Perhaps, the Ardi diverged from the LCA, prior to the divergence of the ancestor of the Pleistocene chimpanzee and the ancestor of genus Homo. P/H 5.3 Mya, the Ardi 6 Mya? Unlikely - gorilla d

By m3dodds · #56709 · 11/09/10

Was H.erectus stupid? ([https://groups.io/g/AAT/message/56702?](https://groups.io/g/AAT/message/56702?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,380,64986102)

[p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,380,64986102](https://groups.io/g/AAT/message/56702?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,380,64986102))

Prior to today's study, researchers have had different theories about why it took early humans more than 2 million years to develop stone axes. Some have suggested that early humans may have had under

By m3dodds · #56702 · 11/07/10

Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) ([https://groups.io/g/AAT/message/56701?](https://groups.io/g/AAT/message/56701?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,380,64985903)

[p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,380,64985903](https://groups.io/g/AAT/message/56701?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,380,64985903))

Hello Rob...

By m3dodds · #56701 · 11/07/10

Shouldn't the 'Savannah Theory' be dropped and sent back to LaLa land?

(<https://groups.io/g/AAT/message/56693?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,380,64986018>)

Unlikely they went up river, until they were moving inland again after a period on the shore. The Middle Awash - where some of the oldest and the youngest hominid remains have been found is not only i

By m3dodds · #56693 · 11/06/10

Bipedalism: Man had no B/K B/H Ancestor ([https://groups.io/g/AAT/message/56685?](https://groups.io/g/AAT/message/56685?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,380,64986040)

[p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,380,64986040](https://groups.io/g/AAT/message/56685?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,380,64986040))

Elaine, Yes it is an intriguing paper, one that buries for all time along with knuckle-walking, the notion that early hominins walked with a weird bent-knee bent-hip walking gait. Perhaps it would be

By m3dodds · #56685 · 11/04/10

Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) ([https://groups.io/g/AAT/message/56682?](https://groups.io/g/AAT/message/56682?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,380,64985903)

[p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,380,64985903](https://groups.io/g/AAT/message/56682?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,380,64985903))

Hello Rob... The fact that the chimpanzee has massive jaws and jaw muscles clearly indicates that at some point in the lineage leading to Man after our ancestors parted company with those of the chimp

By m3dodds · #56682 · 11/04/10

Bipedalism: Man had no B/K B/H Ancestor ([https://groups.io/g/AAT/message/56673?](https://groups.io/g/AAT/message/56673?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,380,64986040)

[p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,380,64986040](https://groups.io/g/AAT/message/56673?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,380,64986040))

"Until recently, the last common ancestor of African apes and humans was presumed to resemble living chimpanzees and bonobos. This was frequently extended to their locomotor pattern leading to the pre

By m3dodds · #56673 · 11/03/10

Shouldn't the 'Savannah Theory' be dropped and sent back to LaLa land?

(<https://groups.io/g/AAT/message/56672?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,380,64986018>)

Chimpanzee - the indications are that they originated further west and that their incursions into eastern Africa are more recent (Pleistocene)... possibly they moved into areas 'vacated' by the a'pith

By m3dodds · #56672 · 11/03/10

Shouldn't the 'Savannah Theory' be dropped and sent back to LaLa land?

(<https://groups.io/g/AAT/message/56663?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,380,64986018>)

Possible,Marc. However that scenario would also place the ancestor of the Pleistocene chimpanzee on the coast. A more likely scenario (leaving aside how they arrived in in north Africa prior to the di

By m3dodds · #56663 · 11/02/10

Shouldn't the 'Savannah Theory' be dropped and sent back to LaLa land?

(<https://groups.io/g/AAT/message/56661?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,380,64986018>)

Richard Isn't the description of the habitat favoured by the the Ardi... in 'Science'... open woodland not closed woodland? Proto-humans could equally have found their way to the shore and a littoral

By m3dodds · #56661 · 11/02/10

Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) ([https://groups.io/g/AAT/message/56655?](https://groups.io/g/AAT/message/56655?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,380,64985903)

[p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,380,64985903](https://groups.io/g/AAT/message/56655?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,380,64985903))

Hello Rob... In terms of development *H. hiedelbergensis* had a comparable sized brain to that of a Modern human, so it may be reasonable to speculate that if the large *H. heid* brain took as long to devel

By m3dodds · #56655 · 11/01/10

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Modern Humans were in China a 100,000 years ago (<https://groups.io/g/AAT/message/56643?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,380,64985982)

The 2007 discovery of fragmentary human remains (two molars and an anterior mandible) at Zhirendong (Zhiren Cave) in South China provides insight in the processes involved in the establishment of mode

By m3dodds · #56643 · 10/29/10

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NS: why do we have big noses? (<https://groups.io/g/AAT/message/56641?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,400,64985976)

It is a Catarrhini (primates) nose, a long nose with narrow downward facing nostrils. In aquatic mammals the nose has migrated to the top of the head. Semi aquatic polar bears can close their nostrils

By m3dodds · #56641 · 10/28/10

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Hydrodynamism & hydrostatism (<https://groups.io/g/AAT/message/56639?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,400,64985926)

There is some evidence Marc, that the southern hemisphere and the Pacific region, escaped the worst of the last glaciation (it is claimed it was warm enough for glaciers in New Zealand to retreat as t

By m3dodds · #56639 · 10/28/10

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/56638?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,400,64985903)

Hello Rob...

By m3dodds · #56638 · 10/28/10

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Human, Ape Origins in Asia Not Africa (<https://groups.io/g/AAT/message/56632?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,400,64985954)

Today in the journal Nature, a new discovery described by a team of international scientists, including Carnegie Museum of Natural History paleontologist Christopher Beard, suggests that anthropoids -

By m3dodds · #56632 · 10/27/10

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Hydrodynamism & hydrostatism (<https://groups.io/g/AAT/message/56631?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,400,64985926)

Yes these two terms are better than 'hydrostatism', 'statism' in English has a meaning that has nothing to do with water. H.e probably foraged and shallow dived in warm waters. Warmest waters for divi

By m3dodds · #56631 · 10/27/10

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Hydrodynamism & hydrostatism (<https://groups.io/g/AAT/message/56627?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,400,64985926)

Marc - 'hydrostatism' has as far as I know has no meaning in English (it is not in the dictionary). Do you mean hydrostatics? (the effect of a fluid that is at rest on a body immersed in it). Would ag

By m3dodds · #56627 · 10/26/10

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Secret of Dolphin Speed (<https://groups.io/g/AAT/message/56624?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,400,64985930)

"Physicists in Japan have discovered how the surface of a dolphin's skin reduces drag and helps them glide smoothly and quickly through water. These findings could help scientists design faster, energy

By m3dodds · #56624 · 10/25/10

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Hydrodynamism & hydrostatism (<https://groups.io/g/AAT/message/56623?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,400,64985926)

By m3dodds · #56623 · 10/25/10

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Pachy-osteo-sclerosis (<https://groups.io/g/AAT/message/56622?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,400,64985914)

No need, Marc. As 'aquatic' defines that which is born, lives and dies in the water. Which includes the marine mammals (mammals that have adapted to live in the seas) marine mammals <http://www.lifesci>

By m3dodds · #56622 · 10/24/10

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Pachy-osteo-sclerosis (<https://groups.io/g/AAT/message/56617?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,400,64985914)

By definition, Marc... Aquatic is something that is born, lives and dies in water. Currently there are some 120 aquatic mammal species, of whom most dwell in the deep ocean... The average (modern) hum

By m3dodds · #56617 · 10/24/10

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Neu5Gc (Was: Chimp the Hunter, Kills the Savanna Hypotheses) (<https://groups.io/g/AAT/message/56614?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,400,64985903)

Hello Rob...

By m3dodds · #56614 · 10/23/10

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Chimp the Hunter, Kills the Savanna Hypotheses (<https://groups.io/g/AAT/message/56609?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,400,64985850)

Hi Silk, Life elsewhere may not need liquid water, but carbon based life within this star system apparently has a taste for liquid water... If scientists find 'life' on icy cold Titan and Europa in th

By m3dodds · #56609 · 10/21/10

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Chimp the Hunter, Kills the Savanna Hypotheses (<https://groups.io/g/AAT/message/56605?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,400,64985850)

Hello Rob...

By m3dodds · #56605 · 10/20/10

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Chimp the Hunter, Kills the Savanna Hypotheses (<https://groups.io/g/AAT/message/56598?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,400,64985850)

Hi Silk, There is not much evidence if any for "Boskop man", but the H.hiedelbergensis (Heidelberg man) existed in Europe and north Africa, not sure if they were in south Africa. As to the size of the

By m3dodds · #56598 · 10/18/10

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Chimp the Hunter, Kills the Savanna Hypotheses (<https://groups.io/g/AAT/message/56591?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,400,64985850)

Hello Rob... Yes when you see a nimble fingered Macaques catching crabs on the beach, when you see other Macaques swimming and feeding underwater that question does arise. One answer could be humans a

By m3dodds · #56591 · 10/17/10

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Chimp the Hunter, Kills the Savanna Hypotheses (<https://groups.io/g/AAT/message/56587?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,400,64985850)

Hi Silk, The difference is the 6 to 8% in the chimpanzee diet obtained from eating insects and hunting and killing monkeys, has not led to a similar increase in the size of the chimpanzee brain over t

By m3dodds · #56587 · 10/16/10

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Humans as aquatic mammals (<https://groups.io/g/AAT/message/56582?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,400,64985821)

Yes, by saying 'more shore-based' we would specify the location that made the difference in the evolution of our species... - but... Maybe not Malgosia, but most seem unable to get past that "magical"

By m3dodds · #56582 · 10/15/10

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Chimp the Hunter, Kills the Savanna Hypotheses (<https://groups.io/g/AAT/message/56580?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,400,64985850)

"The largest chimp pulls himself into the tree and heads toward the monkeys. Like heat-seeking missiles, colobus males launch themselves at the intruder and sink their teeth into his back and arms. Tw

By m3dodds · #56580 · 10/15/10

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Humans as aquatic mammals (<https://groups.io/g/AAT/message/56575?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,400,64985821)

Elaine. Terminology as you say has been something of a stumbling block for the AAT. Everyone seems to focus on the word 'aquatic' to the exclusion of everything else. I too would settle for: "percepti

By m3dodds · #56575 · 10/14/10

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Humans as aquatic mammals (<https://groups.io/g/AAT/message/56573?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,400,64985821)

Nonsense. Humans are not aquatic mammals. Aquatic (Marine) mammals are born, live and die in the depths of the oceans. To argue Humans are aquatic mammals because a dozen or two out six billion plus h

By m3dodds · #56573 · 10/14/10

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The Naked Truth. Not Really... (<https://groups.io/g/AAT/message/56567?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,420,64985811)

Would say that is somewhat unlikely, Elaine. Research into the MC1R gene mutation responsible appears to indicate humans only acquired a highly pigmented skin some 1.2 Mya. (by 1.2 Mya... possible hum

By m3dodds · #56567 · 10/13/10

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The Naked Truth. Not Really... (<https://groups.io/g/AAT/message/56564?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,420,64985811)

Obviously it is nonsensical that we became relatively hairless on the sun-baked tropical savanna, and her (Jablonski) understanding of the AAT is completely out of date... However, her claim that Huma

By m3dodds · #56564 · 10/12/10

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Tobias: A Change of Paradigm (<https://groups.io/g/AAT/message/56562?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,420,64985795)

Thanks, Marc. I had a look at 'Out There' article by Tobias that you recommended. While in it he expresses a similar view to that expressed in the quote below, it is clearly an older article. In the q

By m3dodds · #56562 · 10/12/10

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Tobias: A Change of Paradigm (<https://groups.io/g/AAT/message/56557?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,420,64985795)

"Up till recently, a major prevailing paradigm for the evolution of bipedalism has been the savanna hypothesis. I once wrote a paper called "The Conquest of the Savanna" and Elisabeth Vrba once describ

By m3dodds · #56557 · 10/11/10

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Why the aquatic ape theory doesn't hold water (<https://groups.io/g/AAT/message/56555?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,420,64985789)

Would agree, Marc. Her interpretation of the AAT in her article is complete nonsense, it reads like it was written in the 1980's by someone who did not have a clue about the AAT. Mammal adaptation to

By m3dodds · #56555 · 10/10/10

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Sweating: Men Perspire, Women Glow (<https://groups.io/g/AAT/message/56552?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,420,64985782)

Men Perspire, Women Glow: Men Are More Efficient at Sweating, Study Finds ScienceDaily (Oct. 8, 2010) "Inoue believes there may be an evolutionary reason why men and women have evolved to sweat differ

By m3dodds · #56552 · 10/09/10

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Neanderthals: Were Compassionate Humans (<https://groups.io/g/AAT/message/56550?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,420,64985754)

Probably no more brutish Marc, than our own ancestors were some 40,000 years ago. Perhaps one reason they are depicted as brutish and stupid, is that some people find it difficult to accept we are not

By m3dodds · #56550 · 10/08/10

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Neanderthals: Were Compassionate Humans (<https://groups.io/g/AAT/message/56544?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,420,64985754)

Think they were referring to the reputation Neanderthals, they tend to be depicted as brutish and stupid. In terms of DNA ... 99.7% of the base pairs of the modern human and Neanderthal genomes are id

By m3dodds · #56544 · 10/07/10

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Neanderthals: Were Compassionate Humans (<https://groups.io/g/AAT/message/56539?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,420,64985754)

Neanderthals had feelings too, say researchers October 5, 2010 Pioneering new research by archaeologists at the University of York suggests that Neanderthals belied their primitive reputation and had

By m3dodds · #56539 · 10/06/10

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AAT - time for a change, of name? (<https://groups.io/g/AAT/message/56538?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,420,64985752)

As we are now in the second decade of the 21st century, is a change of name for the AAT the best way forward? Tobias, Algis and others have previously suggested it would be a step in the right directi

By m3dodds · #56538 · 10/06/10

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Taurine: very important, best source: seafood (<https://groups.io/g/AAT/message/56533?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,420,64985709)

Chak... Taurine is a major constituent of bile, it was first found in ox bile nearly two centuries ago hence its name. It was easy access to DHA

other PUFA and EPA on the shore that changed the evolut

By m3dodds · #56533 · 10/04/10

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Macaca = aquatic? (<https://groups.io/g/AAT/message/56532?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,420,64985706)

Marc, Effectively this evidence from Macaques, *Macaca fascicularis* and other primates is indicating that there is nothing unique or special about a primate walking through water, swimming and swimming

By m3dodds · #56532 · 10/04/10

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Aquatic Ape Hypothesis, potential fossil evidence, *Oreopithecus/Ardipithecus* link

(<https://groups.io/g/AAT/message/56516?>p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,420,64985643)

Marc - I think you may mean a hypotonic solution a solution weaker than blood plasma, not hypertonic solution. [QUOTE] Hypertonic solution:

A Hypertonic solution contains a higher concentration of ele

By m3dodds · #56516 · 10/02/10

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Aquatic Ape Hypothesis, potential fossil evidence, *Oreopithecus/Ardipithecus* link

(<https://groups.io/g/AAT/message/56511?>p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,420,64985643)

Sweat is less concentrated than blood plasma, Marc. (An salt water is a lot more concentrated than blood plasma) [QUOTE] The clear secretion produced by merocrine glands is termed sweat, or sensible p

By m3dodds · #56511 · 10/02/10

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Aquatic Ape Hypothesis, potential fossil evidence, *Oreopithecus/Ardipithecus* link

(<https://groups.io/g/AAT/message/56504?>p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,420,64985643)

Marc - As said, 'salt' is present in sweat as sweat is derived blood plasma, all the body is doing is conserving that 'salt' by having the glands reabsorb it as we sweat. The 'salt' balance within our

By m3dodds · #56504 · 10/01/10

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Aquatic Ape Hypothesis, potential fossil evidence, *Oreopithecus/Ardipithecus* link

(<https://groups.io/g/AAT/message/56496?>p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,420,64985643)

To do otherwise, would be to waste 'salt', Marc. 'Salt' is essential for the maintenance of human life. One reason 'salt' is present in sweat is that sweat is derived from blood, specifically blood pl

By m3dodds · #56496 · 9/30/10

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Aquatic Ape Hypothesis, potential fossil evidence, *Oreopithecus/Ardipithecus* link

(<https://groups.io/g/AAT/message/56493?>p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,420,64985643)

The human body does not sweat to lose 'salt', as the body will normally reabsorb most of the 'salt' from the sweat solution back into the sweat duct as we sweat. (an adult has approx.3 million merocri

By m3dodds · #56493 · 9/30/10

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So called "hobbit" is Not a New Species (<https://groups.io/g/AAT/message/56488?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,420,64985645)

A new paper is set to re-ignite debate over the origins of so-called *Homo floresiensis* -- the 'hobbit' that some scientists have claimed as a new species of human. 'Hobbit' Was an Iodine-Deficient Hum

By m3dodds · #56488 · 9/28/10

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Aquatic Ape Hypothesis, potential fossil evidence, *Oreopithecus/Ardipithecus* link

(<https://groups.io/g/AAT/message/56487?>p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,420,64985643)

Marc - a third branch (A/P/H) could be one explanation for where the Ardi fit it, with A going extinct, P giving rise to the Pleistocene chimpanzee an H genus *Homo* also in the Pleistocene. Incidentall

By m3dodds · #56487 · 9/28/10

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Aquatic Ape Hypothesis, potential fossil evidence, *Oreopithecus/Ardipithecus* link

(<https://groups.io/g/AAT/message/56485?>p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,420,64985639)

Marc - It is questionable if any of these (swamp apes?) are related directly or indirectly to to *Homo*. *Oreopithecus* was probably a dead end (not ancestral). *Ardipithecus* - the Ardi - are intriguing, t

By m3dodds · #56485 · 9/27/10

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forefoot kinematics of *H.sapiens* & *P.paniscus* (<https://groups.io/g/AAT/message/56484?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,440,64985624)

Marc - A foot adapted for swimming, is a pointless adaptation for a primate. We are primates, we evolved an adapted as primates. Aquatic mammals do not have long limbs or feet, and it is highly unlike

By m3dodds · #56484 · 9/27/10

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forefoot kinematics of H.sapiens & P.paniscus (<https://groups.io/g/AAT/message/56481?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,440,64985624)

Disagree, it is simply a plantigrade foot an arboreal climbing foot adapted for weight carrying and walking on. Evolution is the adaptation of what exists, it is not in the business of designing pain

By m3dodds · #56481 · 9/26/10

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volcanoes caused Hn extinction? (<https://groups.io/g/AAT/message/56479?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,440,64985618)

Yes, Marc - No volcanoes just competition from their closest kin - AMH (Modern man/H.ss) 25,000 years ago. The Neanderthals' Last Stand <http://www.spiegel.de/international/spiegel/0,1518,438562,00.htm>

By m3dodds · #56479 · 9/26/10

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volcanoes caused Hn extinction? (<https://groups.io/g/AAT/message/56476?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,440,64985618)

Marc - Believers in an intelligent designer and catastrophe and bottleneck enthusiasts have much in common. For them Man is either the product of some intelligent designer or the result of 101 catastr

By m3dodds · #56476 · 9/25/10

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Falciparum malaria came from gorilla (<https://groups.io/g/AAT/message/56469?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,440,64985602)

Origin of the human malaria parasite Plasmodium falciparum in gorillas Abstract: Plasmodium falciparum is the most prevalent and lethal of the malaria parasites infecting humans, yet the origin and ev

By m3dodds · #56469 · 9/22/10

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Shrinking H.erectus (<https://groups.io/g/AAT/message/56466?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,440,64985597)

Yesterday the Journal of Human Evolution released a new paper by Rhonda Graves and colleagues, titled "Just how strapping was KNM-WT 15000?" [1]. The paper challenges almost 25-year-old estimates for

By m3dodds · #56466 · 9/21/10

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Does encephalization reflect intelligence? (<https://groups.io/g/AAT/message/56465?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,440,64985593)

Encephalization is high in placental mammals and higher still in primates, an encephalization in the human lineage far exceeds that of any other species. -- Bill

By m3dodds · #56465 · 9/21/10

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buoyant gorillas (<https://groups.io/g/AAT/message/56462?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,440,64985547)

As I understand it, a dead body(human) will initially sink in the water (water instead of air in the lungs?) However, once rigor mortis begins to cease... decomposition, the break-down processes... cr

By m3dodds · #56462 · 9/20/10

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buoyant gorillas (<https://groups.io/g/AAT/message/56460?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,440,64985547)

Would agree Elaine... they do not appear anywhere as "buoyant" as humans are in the water, as they appear have negative buoyancy in water. Whereas the average human having a body density to close to t

By m3dodds · #56460 · 9/20/10

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buoyant gorillas (<https://groups.io/g/AAT/message/56458?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,440,64985547)

Elaine, You may have more success in downloading a copy of the PDF using this shortened version of the URL (link) Marc posted. <http://tinyurl.com/363e2jf> It is about a chimpanzee and gorilla exhibit a

By m3dodds · #56458 · 9/20/10

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Yahoo Groups Makeover (<https://groups.io/g/AAT/message/56449?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,440,64985569)

Yahoo! Groups Makeover: let's clear some confusion: This is the first in a series of blog posts intended to introduce you to the makeover of Yahoo! Groups. You can consider these posts an in-depth tou

By m3dodds · #56449 · 9/19/10

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Elephant Stands on Two legs to Reach Tree (<https://groups.io/g/AAT/message/56447?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,440,64985558)

Perhaps, Marc. Perhaps an arboreal semi-aquatic ancestor, as the elephant is claimed to have had semi-aquatic ancestors in the shape of a pig sized hippo-like ancestor. Arboreals have been around for  
By m3dodds · #56447 · 9/17/10

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Elephant Stands on Two legs to Reach Tree (<https://groups.io/g/AAT/message/56445?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,440,64985558)

Teetering on two legs, this elephant showed he aims high when it comes to getting a good meal. The animal wasn't daunted when faced with pulling some tasty pods from the branches of a particularly tall

By m3dodds · #56445 · 9/17/10

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A chip off the early hominin tooth (<https://groups.io/g/AAT/message/56444?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,440,64985556)

Prof. Herzl Chai of Tel Aviv University's School of Mechanical Engineering, in collaboration with scientists from George Washington University and the U.S. National Institute of Standards and Technology

By m3dodds · #56444 · 9/17/10

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H.georgicus; locomotor anatomy (<https://groups.io/g/AAT/message/56441?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,440,64985469)

Hello Rob... In terms of distance - Batumi on the Black sea coast is about 380 k from Tbilisi and Baku on the Caspian is about 280 k - as the Dmanisi site lies some 80 k south west of the capital, so

By m3dodds · #56441 · 9/15/10

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Fat Babies = Healthy Adults (<https://groups.io/g/AAT/message/56437?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,440,64985539)

It seems the old nature versus nurture debate can't be won. But a new Northwestern University study of men in the Philippines makes a strong case for nurture's role in male to female differences -- see

By m3dodds · #56437 · 9/14/10

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Evolution of chameleon locomotion (<https://groups.io/g/AAT/message/56434?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,440,64985530)

The Sinodelphys (earliest marsupial?) and the Eomaia (earliest placental?) from around 125 Mya may have been arboreal. Sinodelphys <http://en.wikipedia.org/wiki/Sinodelphys> Curiously both of these tiny

By m3dodds · #56434 · 9/13/10

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New Theory for Primate Origins (<https://groups.io/g/AAT/message/56433?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,440,64985513)

Marc, As far as I understand what they are saying, they are proposing that the ancestors of NWM & OWM were more widespread at the time when the "old" continents began to break apart. Once Africa and South America

By m3dodds · #56433 · 9/13/10

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Mammals Once Sunbathed in the Arctic (<https://groups.io/g/AAT/message/56430?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,440,64985527)

Hippo-like Mammals Once Basked in Toasty Arctic "We go up in July each year, which is usually the most pleasant month in the Arctic, but even on a really nice year like this year, we still lost a day

By m3dodds · #56430 · 9/12/10

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H.georgicus; locomotor anatomy (<https://groups.io/g/AAT/message/56429?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,440,64985469)

Hello Rob... Having had the opportunity to read what they say, I largely agree. However, can I ask why you think H.g is not ancestral to H.e? (when they were first discovered, the Dmanisi remains were

By m3dodds · #56429 · 9/12/10

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BP (<https://groups.io/g/AAT/message/56427?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,460,64985505)

Would agree, Marc. We waded on two legs, simply because we walk on two legs. We waded on two legs because we have two legs and because we are primates wading on all four limbs there would present be a r

By m3dodds · #56427 · 9/11/10

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New Theory for Primate Origins (<https://groups.io/g/AAT/message/56426?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,460,64985513)

This new theory offers a better explanation for the divergence of NWM and OWM. (New and Old World monkeys) Instead of the nonsensical hypotheses that NWM drifted across the South Atlantic some 60 million

H.georgicus; locomotor anatomy (<https://groups.io/g/AAT/message/56425?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,460,64985469)

Hello Rob... Perhaps consistent with the hypotheses if by 1.8 Mya H.g and H.e (their successors?) had begun to move inland and hunt. Hunting, inland hunting and eating red-meat however is inconsistent

By m3dodds · #56425 · 9/10/10

dispersal of H.sapiens along the Indian Ocean rim (<https://groups.io/g/AAT/message/56421?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,460,64985463)

Hello Silk... I tend to favour the Multi-regional explanation myself as it makes more sense than the opposing "out of Africa" explanation which explains nothing meaningful, it is just a nice theory of

By m3dodds · #56421 · 9/09/10

bipedalism and bonobos (<https://groups.io/g/AAT/message/56420?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,460,64985389)

:)) Mal, The dictionary definition may not be an argument one way or the other, but... The English word "wading" simply means walking through water, in other words if you can walk on four or two legs

By m3dodds · #56420 · 9/09/10

dispersal of H.sapiens along the Indian Ocean rim (<https://groups.io/g/AAT/message/56413?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,460,64985463)

Would suggest that the evidence indicates modern Humans had reached southern Australia by 65,000 years ago, not 45,000 years ago. His recent work on the on the events surrounding the eruption of Toba

By m3dodds · #56413 · 9/08/10

H.georgicus; locomotor anatomy (<https://groups.io/g/AAT/message/56412?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,460,64985469)

Thanks, Marc. I have just downloaded a PDF copy of this paper. The presence of the longitudinal planar arch, increased leg length and human-like ankle morphology indicates adaptation of the foot in ho

By m3dodds · #56412 · 9/08/10

"hobbit" not a new species? (<https://groups.io/g/AAT/message/56407?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,460,64985459)

"Eckhardt said that, aside from having a tiny brain, LB1 resembles the normal people who still live on Flores in many features (such as jaws and teeth). But that tiny brain of LB1 is inside an asymmet

By m3dodds · #56407 · 9/07/10

bipedalism and bonobos (<https://groups.io/g/AAT/message/56406?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,460,64985389)

Whether you do it on four like a quadruped or two legs like a biped, wading is just walking through water. -- Bill Wading: Dictionary definition... 1. To walk in or through water or something else tha

By m3dodds · #56406 · 9/06/10

Australopithecus sediba: "Brain Parts Found in Ancient Human Ancestor"

(<https://groups.io/g/AAT/message/56404?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,460,64985451>)

Marc... This media hyped pile of bones they found earlier this year is just another a'pith that fell down a hole in S.Africa 1.78 Mya. Wrong time, wrong place for it to be an ancestor. INSIDE SCIENCE

By m3dodds · #56404 · 9/05/10

bipedalism and bonobos (<https://groups.io/g/AAT/message/56402?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,460,64985389)

Whether on two or four legs it is just walking through shallow water. Wading: Dictionary definition... 1. To walk in or through water or something else that similarly impedes normal movement. -- Bill

By m3dodds · #56402 · 9/05/10

bipedalism and bonobos (<https://groups.io/g/AAT/message/56400?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,460,64985389)

Walking through water William, has nothing to do with the origins of bipedalism in Man. Most primates and quadrupeds can and do walk through water, it is how they get from a. to b. when faced with a b

By m3dodds · #56400 · 9/05/10

bipedalism and bonobos (<https://groups.io/g/AAT/message/56398?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,460,64985389)

Thanks for the Ardi links, William. Ardi from 4.4 Mya is a fascinating mix of features. They had feet adapted for both upright bipedal walking and for climbing trees, it had long arms and hands for cl

By m3dodds · #56398 · 9/04/10

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bipedality: possible causes (<https://groups.io/g/AAT/message/56394?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,460,64985362)

----- Malgosia... Logically you can if make the comparison with other primates and mammals, no primate, no mammal has become bipedal by simply walking through a body

By m3dodds · #56394 · 9/03/10

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bipedality: possible causes (<https://groups.io/g/AAT/message/56392?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,460,64985362)

Marc... Are your and DD's drawings in the AAT files section? OK. They (He) had though a somewhat smaller brain in their thick skull - about 35% smaller than that of AMH (Hs). As they were habitual bip

By m3dodds · #56392 · 9/03/10

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Academic jargon.. I'm not of that persuasion. No true intelligent person is.

(<https://groups.io/g/AAT/message/56389?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,460,64985405>)

Silk... Yes, I liked the way he explained how our bipedal walking gait works so simply. Tobias managed to explain in one short paragraph what some often fail to do in a lengthy hypotheses on the subje

By m3dodds · #56389 · 9/03/10

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bipedality: possible causes (<https://groups.io/g/AAT/message/56383?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,460,64985362)

Malgosia... Our relatively large brain, is probably a consequence of a couple of advantageous gene mutations and our ancestors who foraged on the shore and in shallow waters adding a marine component

By m3dodds · #56383 · 9/02/10

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bipedality: possible causes (<https://groups.io/g/AAT/message/56382?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,460,64985362)

H.erectus probably did dive in shallow waters, probably did get ear damage diving in cold water but I am not so sure about a 'flat' skull. They had smaller brains than AMH, AMH has a 'thin' domed skull

By m3dodds · #56382 · 9/02/10

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Academic jargon.. I'm not of that persuasion. No true intelligent person is.

(<https://groups.io/g/AAT/message/56379?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,460,64985405>)

Thanks, Silk... This article by Tobias on bipedalism, is as you say a dose of common sense on the subject. Particularly like the last but one paragraph, it is an excellent description of the Human bip

By m3dodds · #56379 · 9/02/10

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bipedality: possible causes (<https://groups.io/g/AAT/message/56375?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,460,64985362)

Yes primates have that advantage over quadrupeds, but none have become bipedal by walking through water. Some Macaque monkeys can walk upright carrying their young through shallow water, some catch cr

By m3dodds · #56375 · 9/01/10

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bipedality: possible causes (<https://groups.io/g/AAT/message/56374?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,480,64985362)

Marc... Bipedalism - a bipedal gait of one form or another clearly pre-dates the acquisition of a relatively large brain in Homo... And you yourself have said several times recently that you believe t

By m3dodds · #56374 · 9/01/10

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bipedalism and bonobos (<https://groups.io/g/AAT/message/56373?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,480,64985389)

Thanks, William... A good example of facultative bipedalism in Bonobos. Liked too, the video depicting a Western Gorilla effortlessly walking through shallow water and waist deep water. <http://www.ark>

By m3dodds · #56373 · 9/01/10

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bipedality: possible causes (<https://groups.io/g/AAT/message/56366?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,480,64985362)

Malgosia... We were bipeds long before we acquired relatively large brains, long before our ancestors walked down onto the ocean shore to forage. Most primates are capable of some form facultative bip

bipedality: possible causes (<https://groups.io/g/AAT/message/56364?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,480,64985362)

A large number animal species forage in water, they have not become bipedal by doing so. Water buffalo forage in water, they spend a good part of the day submerged in water. They have not become biped

By m3dodds · #56364 · 8/31/10

Bipedalism (<https://groups.io/g/AAT/message/56355?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,480,64985238)

Marc... Birds are not related to mammals. (they probably last shared an ancestor with the ancestor of the mammals several hundred million years ago) There are no parallels: bird species are digitigrad

By m3dodds · #56355 · 8/30/10

Bipedalism (<https://groups.io/g/AAT/message/56344?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,480,64985238)

Marc, Comparison with birds are erroneous. (invalid) Primates are mammals, birds probably originated from the sauropsids (like reptiles). We don't have flat feet. Flat feet is a medical condition a co

By m3dodds · #56344 · 8/29/10

Bipedalism (<https://groups.io/g/AAT/message/56335?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,480,64985238)

Again... no bird has flat feet, birds including ostriches walk on their toes (digits of the foot). Humans - plantigrade - walk on and with the whole foot. (what some assume to be bird knees are actual

By m3dodds · #56335 · 8/28/10

Bipedalism (<https://groups.io/g/AAT/message/56333?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,480,64985238)

OK No bird has flat feet. Birds have birds feet. They "walk" on their toes. They are usually four toed an are generally have anisodactyly feet with their equivalent of the hallux facing backwards (it

By m3dodds · #56333 · 8/28/10

Bipedalism (<https://groups.io/g/AAT/message/56328?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,480,64985238)

Different divergence dates, different inheritable traits. Orang-utans diverged some several million years before the P/H divergence, the LCA would have continued to evolve over the following millions

By m3dodds · #56328 · 8/27/10

Bipedalism (<https://groups.io/g/AAT/message/56325?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,480,64985238)

Yes, we are the ape that left the forest to walk on the shore and the Moon. As in 'hunting societies'? where females get left with low status tasks. Difficult question, do we speak because we already

By m3dodds · #56325 · 8/26/10

(shell)fish (Re: Re: Bipedalism (<https://groups.io/g/AAT/message/56321?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,480,64985263)

Marc, Would agree, for humans an omnivore diet that includes shellfish and fish (and a lot less red meat) is the healthier option. The Inuit supplemented their predominately sea-food diet with seaweed

By m3dodds · #56321 · 8/26/10

Bipedalism (<https://groups.io/g/AAT/message/56320?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,480,64985238)

Elaine... IMO I would speculate that once the ancestors of the Pleistocene chimpanzee diverged from the LCA Some 5 Mya ago they effectively became more of an arboreal species than the LCA ... and that

By m3dodds · #56320 · 8/26/10

Bipedalism (<https://groups.io/g/AAT/message/56314?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,480,64985238)

Morning Marc, Would think by now that Elaine is fully aware of my opinion of wading (walking through water like monkeys), simply put bipedalism (walking upright on two legs) has origins of its own in

By m3dodds · #56314 · 8/25/10

When the Sea Saved Humanity (Aug.2010 issue of Scientific American)

(<https://groups.io/g/AAT/message/56303?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,480,64984951>)

Basically, Marc, you are referring to the period, or more likely the periods in the past during which human ancestors foraged on the shore and in shallow waters and by doing so significantly increased

By m3dodds · #56303 · 8/22/10

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When the Sea Saved Humanity (Aug.2010 issue of Scientific American)

(<https://groups.io/g/AAT/message/56301?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,480,64984951>)

Morning Marc, As I tend to take the minimalist view, can you explain what you mean by the term 'Max-aquatic' ? Would agree bipedalism is simply part and parcel of being a primate, as we only differ fr

By m3dodds · #56301 · 8/22/10

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Evidence for stone-tool-assisted consumption of bovids c 3.4 Ma (<https://groups.io/g/AAT/message/56280?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,480,64985135>)

Perhaps, for species that forage on the shore feeding primarily on shelled organisms. Humans (genus Homo) are definitely omnivores, H.erectus teeth are those of an omnivore. The chimpanzee is an omniv

By m3dodds · #56280 · 8/17/10

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Intelligent Orang-utans (<https://groups.io/g/AAT/message/56276?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,480,64985144>)

"Orangutans have repeatedly demonstrated the capacity to communicate by pantomiming, researchers say, usually when some dim-witted

human just hasn't gotten the message. Combing through about 20 years

By m3dodds · #56276 · 8/16/10

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Evidence for stone-tool-assisted consumption of bovids c 3.4 Ma (<https://groups.io/g/AAT/message/56275?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,480,64985135>)

Probably that was the case, as its not impossible that the LCA used 'tools' as 'tools' are just extensions of the hand for an animal that uses its forelimbs to feed. Obviously our omnivore ancestors b

By m3dodds · #56275 · 8/16/10

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Evidence for stone-tool-assisted consumption of bovids c 3.4 Ma (<https://groups.io/g/AAT/message/56273?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,480,64985135>)

Marc, This blog from Anthropology.net is worth a read particularly this paragraph: "Many paleoanthropologists are in this mad rush to claim their precious find is the most human of hominins, so as to

By m3dodds · #56273 · 8/15/10

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The Neck's role in the Evolution of the Human Brain (<https://groups.io/g/AAT/message/56259?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,480,64985109>)

By deciphering the genetics in humans and fish, scientists now believe that the neck -- that little body part between your head and shoulders

-- gave humans so much freedom of movement that it played

By m3dodds · #56259 · 8/12/10

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Stone Age Remains Are Britain's Earliest House (<https://groups.io/g/AAT/message/56258?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,500,64985108>)

The team from the Universities of Manchester and York reveal today that the home dates to at least 8,500 BC -- when Britain was part of

continental Europe. The research team unearthed the 3.5 metres c

By m3dodds · #56258 · 8/12/10

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Oldest evidence of Stone Tool use and Meat-eating? (<https://groups.io/g/AAT/message/56257?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,500,64985103>)

These two bones from Dikika, which have been dated to roughly 3.4 million years ago, provide the oldest known evidence of stone tool use

among human ancestors. Both of the cut-marked bones came from m

By m3dodds · #56257 · 8/12/10

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Gene Mutation: etc. (<https://groups.io/g/AAT/message/56256?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,500,64985055>)

Hello Rob... Seems so for the moment. My thanks though for your help in finding a few more pieces of this ever fascinating 'puzzle'. Best

regards, -- Bill

By m3dodds · #56256 · 8/11/10

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Gene Mutation: etc. (<https://groups.io/g/AAT/message/56254?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,500,64985055>)

Hello Rob... Yes, that is probably the best position to take until the `confusion' is cleared up one way or the other. Perhaps, they were on the

Ardi branch (successors to the Ardi) if as it seems lik

## COMPARISON OF THE BRAIN ANATOMY OF HUMANS & CHIMPANZEES

(<https://groups.io/g/AAT/message/56251?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,500,64985078>)

Marc Parts one to three of this essay, with the exception of the last paragraph of part three are well written and informative. However, the differences described in the first three paragraphs are not

By m3dodds · #56251 · 8/05/10

## Gene Mutation: etc. (<https://groups.io/g/AAT/message/56244?>

[p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,500,64985055](https://groups.io/g/AAT/message/56244?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,500,64985055))

Hello Rob... Yes, the original title was a bit too long... Thanks - think what confused me is the claimed timing of the respective infections; I had understood baboons had been infected somewhat later

By m3dodds · #56244 · 8/04/10

## Philippines: Callao Man at least 67,000 years old (<https://groups.io/g/AAT/message/56235?>

[p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,500,64985045](https://groups.io/g/AAT/message/56235?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,500,64985045))

Evidence has emerged that the islands comprising the Philippines could have been inhabited by humans more than a dozen millennia before the so-called Tabon Man of Palawan, long thought to be the archi

By m3dodds · #56235 · 8/02/10

## Marsupials Not From Down Under After All (<https://groups.io/g/AAT/message/56234?>

[p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,500,64985044](https://groups.io/g/AAT/message/56234?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,500,64985044))

All living marsupials - such as wallabies, kangaroos and opossums - all originated in South America, a new genetic study suggests. Yep - the animals most famous for populating Australia actually start

By m3dodds · #56234 · 8/02/10

## Gene Mutation: Tibetan Adaption to High Altitude lif in less than 3000 years

(<https://groups.io/g/AAT/message/56223?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,500,64984666>)

Hello Rob... Thanks, for the link. Cannot recall, but were the monkeys (baboons, macaques) in Africa also victims of the RV prior to 3 Mya. If they were, then clearly an aerosol borne virus could have

By m3dodds · #56223 · 8/01/10

## It's all in the toes: Why OWM Change their Posture to Run (<https://groups.io/g/AAT/message/56218?>

[p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,500,64985005](https://groups.io/g/AAT/message/56218?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,500,64985005))

"Just by looking at its limbs, you can tell that a cheetah is born to run. Not only does this felid have non-retractable claws which act like cleats on a runner's shoe - a unique feature among big cat

By m3dodds · #56218 · 7/31/10

## PNSs function? (<https://groups.io/g/AAT/message/56217?>

[p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,500,64984992](https://groups.io/g/AAT/message/56217?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,500,64984992))

Architecture, the 'architecture of the skull' would seem a plausible explanation. Replacing those 'spaces' with bone would add to the weight of the skull, a heavier skull would perhaps also need more

By m3dodds · #56217 · 7/31/10

## Query. (<https://groups.io/g/AAT/message/56206?>

[p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,500,64984974](https://groups.io/g/AAT/message/56206?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,500,64984974))

You might find the article you are looking for in the magazine's archives... <http://ngm.nationalgeographic.com/archives> -- Bill

By m3dodds · #56206 · 7/29/10

## Gene Mutation: Tibetan Adaption to High Altitude lif in less than 3000 years

(<https://groups.io/g/AAT/message/56203?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,500,64984666>)

Hello Rob, Not so sure, I would bet on one of Toumai's descendants as the LCA, but it is a possibility. However, I would agree with you that the MSC was a likely contributory factor if not a major fac

By m3dodds · #56203 · 7/29/10

## AAT vindicated (<https://groups.io/g/AAT/message/56199?>

[p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,500,64984947](https://groups.io/g/AAT/message/56199?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,500,64984947))

Whether they were our direct ancestor or not, is completely irrelevant. It is clear Humans were not reduced to living in only one place.

Marean's version of a garden of Eden in S.Africa where early Ma

By m3dodds · #56199 · 7/28/10

## AAT vindicated (<https://groups.io/g/AAT/message/56195?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,500,64984947)

Marc. There are several contradictions in this short article, alone. Take the last sentence for example, it admits there were humans living elsewhere. I would also point out that the Neanderthals were

By m3dodds · #56195 · 7/27/10

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Gene Mutation: Tibetan Adaption to High Altitude lif in less than 3000 years

(<https://groups.io/g/AAT/message/56188?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,500,64984666>)

Hello Rob... Yes, though it can take some finding. Guess, I am in grumpy old man mode this morning but what I find objectionable about some of the fees they charge to access a particular paper is that

By m3dodds · #56188 · 7/26/10

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Nat. Geog. (<https://groups.io/g/AAT/message/56186?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,500,64984937)

Disagree. It is an excellent article. -- Bill

By m3dodds · #56186 · 7/26/10

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Nat. Geog. (<https://groups.io/g/AAT/message/56181?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,500,64984908)

Thanks for the link, Marc. It is an excellent article - the the Middle Awash in north-east Africa - is the cradle of Mankind. Not the tropics, not S.Africa. -- Bill

By m3dodds · #56181 · 7/25/10

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Nat. Geog. (<https://groups.io/g/AAT/message/56189?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,500,64984908)

Thanks for the link, Marc. An excellent article on the Middle Awash - which is more the cradle of Mankind - than anywhere else in Africa. -- Bill

By m3dodds · #56189 · 7/25/10

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Gene Mutation: Tibetan Adaption to High Altitude lif in less than 3000 years

(<https://groups.io/g/AAT/message/56174?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,500,64984666>)

Hello Rob... :- ) Patience virtuous or otherwise can be doubly frustrating when you know the information you want is available, it is like being told to you have wait until the apple falls of the branc

By m3dodds · #56174 · 7/23/10

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Gene Mutation: Tibetan Adaption to High Altitude lif in less than 3000 years

(<https://groups.io/g/AAT/message/56165?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,520,64984666>)

Hello Rob... Perhaps their "improvements" to their services may to be to blame. As it would seem apart from losing their users e-mails in the nameless void, they have apparently have been `improving`

By m3dodds · #56165 · 7/19/10

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Saadanius hijazensis: apes & OWMs split later than thought? (<https://groups.io/g/AAT/message/56163?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,520,64984838)

The location of this find is on the Saudi side of the Red Sea, however 29 Mya the date of this new find, it would have been a very different Red sea, if it even existed. As at that date the fault line

By m3dodds · #56163 · 7/17/10

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Saadanius hijazensis: apes & OWMs split later than thought? (<https://groups.io/g/AAT/message/56156?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,520,64984838)

Thanks, Marc. Saadanius - a mangrove dweller in Saudi-Arabia 29 Mya, is an intriguing discovery, but regrettably it does not give us a clearer picture as to why the apes diverged from the OWM's 24 Mya

By m3dodds · #56156 · 7/15/10

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NEW: Saadanius - Ancestor of the Apes (<https://groups.io/g/AAT/message/56151?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,520,64984852)

Ape ancestors brought to life by fossil skull of 'Saadanius' primate The skull of a creature dubbed Saadanius helps to explain how ancient primates split into two groups – the Old World monkeys and th

By m3dodds · #56151 · 7/15/10

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Gene Mutation: Tibetan Adaption to High Altitude lif in less than 3000 years

(<https://groups.io/g/AAT/message/56147?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,520,64984666>)

Hello Rob... Re-posted 14.07.10: As it seems Yahoo has managed to lose another of my posts in the nameless void. Excuse the duplicate posting if the original one mysteriously re-appears from the void.

By m3dodds · #56147 · 7/14/10

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### Gene Mutation: Tibetan Adaption to High Altitude lif in less than 3000 years

(<https://groups.io/g/AAT/message/56138?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,520,64984666>)

Hello Rob... Nor I, though I would not rule out temperate shore, possibly that of the Black or Caspian seas. As there is clear evidence that early Homo, were in the vicinity of at least one or both of

By m3dodds · #56138 · 7/09/10

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### The First Britons - 800,000 years ago (<https://groups.io/g/AAT/message/56133?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,520,64984801)

Earliest humans in the British isles - Homo hiedelbergensis 800,000 years ago, left their stone tools in SE England. VIDEO: Flint tools bring the first Britons to life Archaeologists explain how flint

By m3dodds · #56133 · 7/08/10

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### Rhinos: Ice Age Survivors (<https://groups.io/g/AAT/message/56131?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,520,64984792)

Like roe deer and red deer, rhinos were amongst the characteristic animals to inhabit Eurasia during the Ice Age. They were found across wide areas. Over the past 2.6 million years Europe has been inh

By m3dodds · #56131 · 7/07/10

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### Gene Mutation: Tibetan Adaption to High Altitude lif in less than 3000 years

(<https://groups.io/g/AAT/message/56125?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,520,64984666>)

Hello Rob... Thanks, for the link to the paper. Even though the Ethiopian highlands are somewhat lower than the Tibet plateau and the Andes, there clearly has been adaption to a higher altitude, and i

By m3dodds · #56125 · 7/06/10

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### Gene Mutation: Tibetan Adaption to High Altitude lif in less than 3000 years

(<https://groups.io/g/AAT/message/56116?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,520,64984666>)

Marc Your last point is probably applicable to those who have adapted to high altitudes in the Andes in S.America, the adaption to live on the Tibet plateau differs somewhat. And I would suspect adapt

By m3dodds · #56116 · 7/05/10

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### Gene Mutation: Tibetan Adaption to High Altitude lif in less than 3000 years

(<https://groups.io/g/AAT/message/56109?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,520,64984666>)

Hello Rob... Would essentially agree with what you say, and only on the adaptation to higher altitudes that there may be a difference between those who adapted to life in the Andes, and those who have

By m3dodds · #56109 · 7/04/10

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### A dolphin's inner ear canal system is the size of a mouse's. Why? (<https://groups.io/g/AAT/message/56105?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,520,64984692)

Would agree... it is probably meaningless under the waves, other than to tell you what is the right way when swimming. A sense of balance probably applies more to terrestrial species and to the birds,

By m3dodds · #56105 · 7/04/10

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### Gene Mutation: Tibetan Adaption to High Altitude lif in less than 3000 years

(<https://groups.io/g/AAT/message/56090?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,520,64984666>)

Without that chance [gene mutation] transposition in Moroto some 20 Mya there would have been no gibbons to swing through the trees, no gorillas, no chimpanzees in the forest and no humans. Moroto was

By m3dodds · #56090 · 7/03/10

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### A dolphin's inner ear canal system is the size of a mouse's. Why? (<https://groups.io/g/AAT/message/56089?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,520,64984692)

Marc, Why would cetaceans need sophisticated SCC? Like fish they are immersed in water, an like fish all they need to know is if they are floating the right way up. -- Bill

By m3dodds · #56089 · 7/03/10

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### Gene Mutation: Tibetan Adaption to High Altitude lif in less than 3000 years

(<https://groups.io/g/AAT/message/56088?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,520,64984666>)

Hello Rob... What some think of as an 'adaption' for 'endurance running' could in reality, simply be a human adaption for living at higher altitudes. IMO Human hair loss, or more likely a change to th

By m3dodds · #56088 · 7/03/10

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### Gene Mutation: Tibetan Adaption to High Altitude lif in less than 3000 years

(<https://groups.io/g/AAT/message/56084?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,520,64984666>)

Mutations - are random. Mutations - are caused by transposons, viruses, radiation and probably errors that occur during DNA replication. And of those about 70/75% will have damaging effects, the remaini  
By m3dodds · #56084 · 7/02/10

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### Gene Mutation: Tibetan Adaption to High Altitude lif in less than 3000 years

(<https://groups.io/g/AAT/message/56081?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,520,64984666>)

Would completely disagree and say the mutation, the tranposition preceded locomotor change among the apes. For example: compared to Moroto - the older Proconsul [25.Mya] was monkey-like it moved and c

By m3dodds · #56081 · 7/02/10

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### Gene Mutation: Tibetan Adaption to High Altitude lif in less than 3000 years

(<https://groups.io/g/AAT/message/56077?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,520,64984666>)

"This is the fastest genetic change ever observed in humans," said Rasmus Nielsen, UC Berkeley professor of integrative biology, who led the statistical analysis. "For such a very strong change, a lot

By m3dodds · #56077 · 7/02/10

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### NEW Early Hominid Skeleton Confirms Human-Like Walking Is Ancient

(<https://groups.io/g/AAT/message/56060?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,520,64984532>)

Marc Proconsul was probably neither monkey or ape, as it lived not long after the apes split from the OWM. [OWM-apes perhaps split 25-24 Mya] It probably climbed like a monkey because its limb proport

By m3dodds · #56060 · 6/29/10

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### Chimpanzee Gangs Kill for Land (<https://groups.io/g/AAT/message/56058>)

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,520,64984619)

Chimp-on-chimp attacks in the wild are very common, especially among small packs of males on patrol. Now research suggests the motive for these crimes is to gain territory. To understand this violence

By m3dodds · #56058 · 6/28/10

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### NEW Early Hominid Skeleton Confirms Human-Like Walking Is Ancient

(<https://groups.io/g/AAT/message/56057?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,540,64984532>)

Not so certain, Marc. Proconsul 23 Mya, a couple of million years before Moroto, still had a number of monkey-like features and it still climbed trees like a monkey. While other animals may occasional

By m3dodds · #56057 · 6/28/10

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### NEW Early Hominid Skeleton Confirms Human-Like Walking Is Ancient

(<https://groups.io/g/AAT/message/56045?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,540,64984532>)

Marc No doubt they were, but they were also hominin species that walked upright millions of years ago in open forest habitat. Primitive? They were simply hominina adapted to the habitat of the day the

By m3dodds · #56045 · 6/27/10

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### Airsacs & buoyancy (<https://groups.io/g/AAT/message/56044>)

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,540,64984582)

Marc The hyoid bones you mention, are not the only ones to have been recovered from fossils. "The Atapuerca SH hyoids are humanlike in both their morphology and dimensions" -- Bill Human hyoid bones f

By m3dodds · #56044 · 6/27/10

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### NEW Early Hominid Skeleton Confirms Human-Like Walking Is Ancient

(<https://groups.io/g/AAT/message/56035?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,540,64984532>)

Marc, Whatever it was, taken together with the Ardi, it appears to indicate that a bipedal walking was pretty common among early hominins in open woodland habitats. In Modern Humans, who give birth to

By m3dodds · #56035 · 6/26/10

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### NEW Early Hominid Skeleton Confirms Human-Like Walking Is Ancient

(<https://groups.io/g/AAT/message/56033?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,540,64984532>)

Marc, This graphic image of the differences, between "lucy", a chimpanzee, a modern human and the new find "big man" is intriguing...

Surprising Similarity: [http://media.cleveland.com/science\\_impact/p](http://media.cleveland.com/science_impact/p)

By m3dodds · #56033 · 6/25/10

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### NEW Early Hominid Skeleton Confirms Human-Like Walking Is Ancient

(<https://groups.io/g/AAT/message/56027?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,540,64984532>)

It is an intriguing find Marc, and it seems to confirm that Ethiopia & Afar in the terms of number significant fossils found in that part of Africa that it is the "cradle of Mankind". I particularly l

By m3dodds · #56027 · 6/23/10

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## NEW Early Hominid Skeleton Confirms Human-Like Walking Is Ancient

(<https://groups.io/g/AAT/message/56020?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,540,64984532>)

Walking upright 3.6 million years ago. Human-like Walking is Ancient Cleveland Museum of Natural History Curator and Head of Physical Anthropology Dr. Yohannes Haile-Selassie led an international tea

By m3dodds · #56020 · 6/22/10

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## Cata- vs Platyrrhini ([https://groups.io/g/AAT/message/56018?](https://groups.io/g/AAT/message/56018?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,540,64984496)

[p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,540,64984496](https://groups.io/g/AAT/message/56018?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,540,64984496))

Marc, Birds are mostly polychromatic, some like owls and parrots are said to be dichromatic. Would have thought reptiles would be monochromatic. Probably the only time they were 'aquatic' would have been

By m3dodds · #56018 · 6/21/10

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## Cata- vs Platyrrhini ([https://groups.io/g/AAT/message/56008?](https://groups.io/g/AAT/message/56008?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,540,64984496)

[p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,540,64984496](https://groups.io/g/AAT/message/56008?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,540,64984496))

Marc, Think you have left trichromatic colour vision, a change that brought the eyes closer together and diurnality of your list of differences in the Catarrhini. Humans are also a member of the Catar

By m3dodds · #56008 · 6/20/10

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## Savanna fantast claims erectus lived like Bushmen ([https://groups.io/g/AAT/message/55974?](https://groups.io/g/AAT/message/55974?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,540,64984436)

[p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,540,64984436](https://groups.io/g/AAT/message/55974?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,540,64984436))

Agree, apart from anything else Panthera Leo, the lion, first appears in the fossil record around 750,000 to 800,000 years ago in western Africa, from there it spread northwards into Eurasia and Asia.

By m3dodds · #55974 · 6/15/10

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## Humans in the Philippines 67,000 years ago ([https://groups.io/g/AAT/message/55972?](https://groups.io/g/AAT/message/55972?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,540,64984445)

[p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,540,64984445](https://groups.io/g/AAT/message/55972?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,540,64984445))

Humans in the Philippines 67,000 years ago <http://averyremotepreperiodindeed.blogspot.com/2010/06/humans-in-philippines-67000-#92;>  
&#92; years-ago.html Not sure the blog author is writing about Modern H

By m3dodds · #55972 · 6/15/10

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## Audacity: Rejection and Ridicule ([https://groups.io/g/AAT/message/55971?](https://groups.io/g/AAT/message/55971?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,540,64984443)

[p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,540,64984443](https://groups.io/g/AAT/message/55971?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,540,64984443))

"If you disagree with conventional wisdom and the data are on your side, then you've got to persist. If on the other hand, you have a crackpot idea and the data are on the other side, you have to not

By m3dodds · #55971 · 6/15/10

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## Hominid paleoenvironments were hot..hot..hot ([https://groups.io/g/AAT/message/55965?](https://groups.io/g/AAT/message/55965?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,540,64984425)

[p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,540,64984425](https://groups.io/g/AAT/message/55965?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,540,64984425))

For someone who is inactive, acclimatised, and spends their days sunbathing and their night sleeping in an air condition hotel - probably not. At around 27.C the body is no longer able to radiate to co

By m3dodds · #55965 · 6/13/10

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## Hominid paleoenvironments were hot..hot..hot ([https://groups.io/g/AAT/message/55962?](https://groups.io/g/AAT/message/55962?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,540,64984425)

[p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,540,64984425](https://groups.io/g/AAT/message/55962?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,540,64984425))

Marc, If correct this study would indicate humans did not evolve in a hot habitat. Humans appear to function best in a tp that is somewhat below their core body heat. At 27-32.C the tp becomes uncomfo

By m3dodds · #55962 · 6/13/10

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## The Economist: Diet and the evolution of the brain ([https://groups.io/g/AAT/message/55952?](https://groups.io/g/AAT/message/55952?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,540,64984404)

[p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,540,64984404](https://groups.io/g/AAT/message/55952?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,540,64984404))

Dr Crawford thinks that a shortage of DHA is a long-term evolutionary theme. The molecule is most famously found in fatty fish. He suggests this might explain why, for example, dolphins have brains th

By m3dodds · #55952 · 6/11/10

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## Economist and Ridley. ([https://groups.io/g/AAT/message/55951?](https://groups.io/g/AAT/message/55951?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,540,64984374)

[p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,540,64984374](https://groups.io/g/AAT/message/55951?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,540,64984374))

Elaine, It is a number of years now since Dr Crawford made the now obvious link between diet and the development, health and the evolution of the human brain. [QUOTE] Dr Crawford thinks that a shortag

By m3dodds · #55951 · 6/11/10

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## Cave yields oldest known leather footwear ([https://groups.io/g/AAT/message/55948?](https://groups.io/g/AAT/message/55948?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,540,64984394)

[p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,540,64984394](https://groups.io/g/AAT/message/55948?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,540,64984394))

This site, has an excellent picture of the shoe in question (click on the image, for a close-up shot of the shoe). Scientists Find 5,500-Year-Old Preserved Shoe In Cave <http://www.npr.org/templates/st>  
By m3dodds · #55948 · 6/10/10

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Cave yields oldest known leather footwear (<https://groups.io/g/AAT/message/55947?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,540,64984394)

A new find has given archaeologists a rare foothold on Copper Age life. Excavations of an Armenian cave have uncovered the oldest known leather shoe, a slip-on, lace-up model from roughly 5,500 years

By m3dodds · #55947 · 6/10/10

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Diet of terrestrial & aquatic animals 1.95 Ma (<https://groups.io/g/AAT/message/55944?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,540,64984315)

You would have got better result if you had binged 'aquatic ape theory', Marc. This AAT group is listed the first ten results, unfortunately as does Moore's site. (he's said nothing new for years - bu

By m3dodds · #55944 · 6/08/10

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Diet of terrestrial & aquatic animals 1.95 Ma (<https://groups.io/g/AAT/message/55937?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,540,64984315)

Used to use google, Marc. However I was persuaded to give Bing a try last year. Now I use Bing for searches. Bing <http://www.bing.com/?FORM=Z9FD1> Yes, that was a typo. The new date is still not used b

By m3dodds · #55937 · 6/07/10

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Diet of terrestrial & aquatic animals 1.95 Ma (<https://groups.io/g/AAT/message/55934?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,560,64984315)

Binged it for the new geol.definition. (I don't use google) The geo.guys may have changed it, but it has not been adopted fully yet, many still use 1.18 Mya for the start of the Pleistocene. The new 2

By m3dodds · #55934 · 6/06/10

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Diet of terrestrial & aquatic animals 1.95 Ma (<https://groups.io/g/AAT/message/55929?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,560,64984315)

Would disagree, Marc. The Pliocene saw the divergence of the ancestors of Pan and Homo, and it would have had a key role in shaping human evolutionary history of the human animal. The Pleistocene enco

By m3dodds · #55929 · 6/05/10

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levend blond bier (<https://groups.io/g/AAT/message/55923?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,560,64984322)

Yes, pils (pilsner) is a type of pale lager (beer). Beck's (German), Heineken, Grolsch (Dutch?) and Stella Artois (Belgian) to name a few of the better known ones. -- Bill

By m3dodds · #55923 · 6/02/10

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levend blond bier (<https://groups.io/g/AAT/message/55921?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,560,64984322)

Google Translate: <http://translate.google.com/#> "levend blond bier / bière blonde vivante" Dutch to English = live lager French to English = lager alive -- Bill

By m3dodds · #55921 · 6/02/10

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Diet of terrestrial & aquatic animals 1.95 Ma (<https://groups.io/g/AAT/message/55919?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,560,64984315)

Thanks Marc, It confirms my opinion that aquatic sourced foods that favoured the development and growth of the human brain were already in the diet of a predecessor to H.erectus - in other words our s

By m3dodds · #55919 · 6/02/10

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English Neandertals (<https://groups.io/g/AAT/message/55918?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,560,64984318)

A University of Southampton archaeologist and Oxford Archaeology have found evidence that Neanderthals were living in Britain at the start of the last ice age, 40,000 years earlier than previously tho

By m3dodds · #55918 · 6/02/10

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The savanna hypotheses is gobbledygook. (<https://groups.io/g/AAT/message/55912?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,560,64984299)

Gobbledygook: Talk or writing that is wordy, pompous and largely incomprehensible or meaningless. -- Bill

By m3dodds · #55912 · 5/31/10

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Homo gautengensis (<https://groups.io/g/AAT/message/55911?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,560,64984294)

Marc, Probably, an a'pith. This so-called ancestor (A.gautengensis) was not only someone's lunch, it was around at the same time as that one they found down a hole in S.Africa (A.sediba) that they wer

By m3dodds · #55911 · 5/30/10

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Response to Comment on the Paleobiology and Classification of Ardipithecus rami

(<https://groups.io/g/AAT/message/55907?>

Marc, Divergence dates (P/H) do converge on a period around the start of the Pliocene (5.3 Mya). Ar.ramidus at 4.4 Mya is pretty close to that date. Ardipithecus kadabba (5 Mya) could pre-date it. Res

By m3dodds · #55907 · 5/30/10

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Cognitive change 40,000 years ago made us Human? (<https://groups.io/g/AAT/message/55904?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,560,64984175)

Hello Rob, I find the term AMH more acceptable as it is applicable to all extant (currently existing) humans. (it does not exclude anyone)

Thanks, for the link. There does not appear to any reason why

By m3dodds · #55904 · 5/29/10

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Response to Comment on the Paleobiology and Classification of Ardipithecus rami

(<https://groups.io/g/AAT/message/55903?>

REBUTTAL: Response to Comment on the Paleobiology and Classification of Ardipithecus ramidus Tim D. White, Gen Suwa, C. Owen Lovejoy We assigned Ardipithecus to the Hominidae based on numerous dental,

By m3dodds · #55903 · 5/29/10

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Out of the Woods for 'Ardi': Early Human Habitat Was Savanna (<https://groups.io/g/AAT/message/55902?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,560,64984260)

Marc, It seems to be little more than a desperate attempt to shore-up a discredited hypotheses. The "savannah hypotheses". What's the link with the Anhingas? An odd-ball among water birds, an old bird

By m3dodds · #55902 · 5/29/10

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Out of the Woods for 'Ardi': Early Human Habitat Was Savanna (<https://groups.io/g/AAT/message/55898?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,560,64984260)

Ardipithecus Ramidus Versus The Savannah Hypothesis.

[http://www.scientificblogging.com/science\\_20/ardipithecus\\_ramidus\\_versus\\_savannah\\_hypothesis](http://www.scientificblogging.com/science_20/ardipithecus_ramidus_versus_savannah_hypothesis)

Ardipithecus Ram

By m3dodds · #55898 · 5/28/10

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Out of the Woods for 'Ardi': Early Human Habitat Was Savanna (<https://groups.io/g/AAT/message/55897?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,560,64984260)

Ardipithecus ramidus -- a purported human ancestor that was dubbed Science magazine's 2009 "Breakthrough of the Year" -- is coming under fire from scientists who say there is scant evidence for her di

By m3dodds · #55897 · 5/28/10

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Humans: Why They Triumphed (<https://groups.io/g/AAT/message/55896?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,560,64984235)

Mark, Ridley's notion of collective "intelligence" is a little too simplistic. (but no doubt, it sells "books") It is the insight of the individual that has made the greatest contribution. It is extre

By m3dodds · #55896 · 5/28/10

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Cognitive change 40,000 years ago made us Human? (<https://groups.io/g/AAT/message/55892?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,560,64984175)

Hello Rob, Perhaps, the reason the phrase 'the modern package' has not gained a wider acceptance is the term 'package'. It sounds cold and inhuman, a term more at home in the cold and calculating worl

By m3dodds · #55892 · 5/27/10

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Genetics of High Altitude Life (<https://groups.io/g/AAT/message/55883?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,560,64984224)

"Almost every biological anthropology text-book I've ever looked at has described the adaptations of human populations to the environments they occupy. Examples they give are the short stalky Inuit ad

By m3dodds · #55883 · 5/25/10

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Cognitive change 40,000 years ago made us Human? (<https://groups.io/g/AAT/message/55882?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,560,64984175)

Hello Rob, Scientifically, the term 'human' is applicable to the entire genus Homo. Homo, Homo sapiens sapiens, Human and Man can be said to have the same meaning. The word 'human' itself is from Lati  
By m3dodds · #55882 · 5/24/10

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Cognitive change 40,000 years ago made us Human? (<https://groups.io/g/AAT/message/55880?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,560,64984175)

Hello Rob, Still not sure I understand the point Nancy and yourself are making regards the aboriginal population of Australia. As both the original authors of this research and others have pointed out  
By m3dodds · #55880 · 5/22/10

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The Fishy Origins of Humans Revealed (<https://groups.io/g/AAT/message/55879?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,560,64984217)

Humans have hardly prehistoric fish ancestors to thank for paving the way to their eventual evolution, a new study suggests. About 360 million years ago a mass extinction event hit the reset button on  
By m3dodds · #55879 · 5/22/10

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Was Seafood Brain Food in Human Evolution? (<https://groups.io/g/AAT/message/55878?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,580,64984214)

"Humans can eat just about anything. This is, of course, not because we have the physiology to consume anything, but because we have the intellectual capacity and technology to make almost anything or  
By m3dodds · #55878 · 5/22/10

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Cognitive change 40,000 years ago made us Human? (<https://groups.io/g/AAT/message/55876?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,580,64984175)

Yes, I would agree that has been the way of things down through the ages - either by assimilating or wiping out those who are different: may it be a tribal group, a city or an entire nation. --Bill  
By m3dodds · #55876 · 5/21/10

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Cognitive change 40,000 years ago made us Human? (<https://groups.io/g/AAT/message/55875?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,580,64984175)

Hello Rob, Yes it is a weakness in their argument. Nonetheless the 'great leap forward' as anthropologists call it happened around 40,000 years ago. Are We Still Evolving? <http://www.pbs.org/wgbh/nova>  
By m3dodds · #55875 · 5/21/10

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Cognitive change 40,000 years ago made us Human? (<https://groups.io/g/AAT/message/55869?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,580,64984175)

Hello Rob, As I mentioned to Nancy, I took a look at the what Lahn (Bruce T. Lahn) and his research team had to say on the timing. In one quote, they say: [QUOTE] Their statistical analysis indicated  
By m3dodds · #55869 · 5/20/10

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Cognitive change 40,000 years ago made us Human? (<https://groups.io/g/AAT/message/55867?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,580,64984175)

Hello Nancy, Had another look, at what Lahn (Bruce T. Lahn) and his research team had to say on timing in their original news release on their research. They report that with microcephalin, a new alle  
By m3dodds · #55867 · 5/20/10

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Cognitive change 40,000 years ago made us Human? (<https://groups.io/g/AAT/message/55865?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,580,64984175)

IMO it had little to do with numbers, and had more do with language. When words had only one or so meanings (as in a non-tonal language) humanity 'progressed'. Agree. It is a futile argument. (though,  
By m3dodds · #55865 · 5/19/10

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Oil and water, fur mats and hair booms (<https://groups.io/g/AAT/message/55862?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,580,64984180)

From DD: A YouTube video on how hair & pet fur can be recycled into oil spill absorbers, and used to mop up oil spills such as in the current massive oil spill of Florida: <http://www.youtube.com/watch>  
By m3dodds · #55862 · 5/19/10

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Cognitive change 40,000 years ago made us Human? (<https://groups.io/g/AAT/message/55861?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,580,64984175)

Perhaps Nancy, it was dumb luck. Then again maybe not, as it is bit curious that only in the last 40,000 years, particularly the last 10,000 years has humanity changed beyond recognition. As this was  
By m3dodds · #55861 · 5/18/10

Cognitive change 40,000 years ago made us Human? (<https://groups.io/g/AAT/message/55859?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,580,64984175)

Wynn and Coolidge apply the theory of cognitive archaeology to their hypothesis that it was a marked change in human cognitive ability that made it possible for Homo sapiens to displace H. neanderhale

By m3dodds · #55859 · 5/18/10

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FW: Human Brain Evolution (<https://groups.io/g/AAT/message/55858?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,580,64984164)

By m3dodds · #55858 · 5/16/10

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Human skin pigmentation (<https://groups.io/g/AAT/message/55854?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,580,64984091)

Yes, about awake creatures. Humans, especially human babies can not sleep in water. OK One of these is a medium sized primate, with a relatively large brain. Two are small furry semi-aquatic (fresh-wa

By m3dodds · #55854 · 5/16/10

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author? (<https://groups.io/g/AAT/message/55850?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,580,64984150)

Marc, It is similar too if not the same as the anti-AAT article at Wikipedia, if not more so. -- Bill [QUOTE] "Comparing human morphology to that of other mammals requires one to ignore all the known

By m3dodds · #55850 · 5/16/10

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Human skin pigmentation (<https://groups.io/g/AAT/message/55843?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,580,64984091)

Yes, the growth cycles of both human body and head hair appear to have been modified. Facial and scalp hair grow for a longer period. (90% of head hair will be in the growth phase of the cycle, growin

By m3dodds · #55843 · 5/15/10

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Human skin pigmentation (<https://groups.io/g/AAT/message/55835?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,580,64984091)

Marc, By modifying, the growth cycle of a particular type of body, head and facial hair? Head hair, scalp hair seems to have be subjected to some sort of selection. Possibly sexual selection in some c

By m3dodds · #55835 · 5/14/10

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Human skin pigmentation (<https://groups.io/g/AAT/message/55832?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,580,64984091)

Would it not depend on long we have been a relatively hairless species? Sleeping - nests, ground nests (on the shore?) like gorilla in the forest, are a good possibility. Sleeping in water is unlikely

By m3dodds · #55832 · 5/13/10

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Human skin pigmentation (<https://groups.io/g/AAT/message/55828?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,580,64984091)

Agree. Perhaps sub-tropical, or 10 north 10 south of the equator (north or south of the equatorial forests, savanna). Clothing is not normally water repellent, bare skin dries quick in the right tempe

By m3dodds · #55828 · 5/13/10

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Human skin pigmentation (<https://groups.io/g/AAT/message/55824?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,580,64984091)

Basically, because they are two entirely different adaptive responses by the body. One (being relative hairless) is possibly a adaptation for thermoregulating the human body, or perhaps to facilitate

By m3dodds · #55824 · 5/12/10

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Neandertals: Kissing Cousins (<https://groups.io/g/AAT/message/55822?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,580,64984098)

And the results stoke the imagination, for they provide more evidence for something that has long been suspected: Neanderthals are not just a quirky sideshow in human evolution, but an intimate part o

By m3dodds · #55822 · 5/12/10

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Human skin pigmentation (<https://groups.io/g/AAT/message/55821?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,580,64984091)

Would seem Humans originated somewhere outside of the tropics, or were living outside of the tropics when they became relatively hairless. It is unlikely they would have become relatively hairless and

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### Hn genome (<https://groups.io/g/AAT/message/55816?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,580,64984061)

825,000 ka Think they mean here they date, at which the LCA of both Neandertals and Hs diverged from the N.African ancestor. (H.ergaster?) Whereas 440,000 ka or so date, is the one at which Neandertal

By m3dodds · #55816 · 5/11/10

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### Hn genome (<https://groups.io/g/AAT/message/55814?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,600,64984061)

Yes, they are among ones Hs has acquired since the LCA we shared with the Neandertals. Hs is said to have acquired 689 new gene duplicates since the LCA we shared with P. Acquired 689 new an lost 86 w

By m3dodds · #55814 · 5/10/10

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### Hn genome (<https://groups.io/g/AAT/message/55810?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,600,64984061)

Still reading the paper, after a quick glance at it yesterday (lots of detail in it). Marc, Collectively these four genes are said to be involved in cognitive ability. If they malfunction, they can ca

By m3dodds · #55810 · 5/09/10

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### A Draft Sequence of the Neandertal Genome (<https://groups.io/g/AAT/message/55806?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,600,64984067)

A Draft Sequence of the Neandertal Genome Neandertals, the closest evolutionary relatives of present-day humans, lived in large parts of Europe and western Asia before disappearing 30,000 years ago. W

By m3dodds · #55806 · 5/08/10

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### John Hawks: NEANDERTALS LIVE! (<https://groups.io/g/AAT/message/55805?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,600,64984064)

'present-day people have Neandertal ancestors' "Richard Green and colleagues report on the genome, demonstrating very convincingly that present-day people have Neandertal ancestors. It is not entirely

By m3dodds · #55805 · 5/08/10

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### Hn - Close cousins (<https://groups.io/g/AAT/message/55797?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,600,64984044)

Thanks Marc, Hannon and Pääbo seem to be confirming that Hn and Hs not only had a common ancestor but are closely related, very closely related. There are surprisingly few differences in H.sapiens and

By m3dodds · #55797 · 5/07/10

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### To Split a Species (<https://groups.io/g/AAT/message/55791?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,600,64984010)

Perhaps no one does, as it looks like geographical separation in some cases may not stop a species breeding, as a new genetic study of a lizard species that had been isolated on different islands for

By m3dodds · #55791 · 5/05/10

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### How Important Is Geographical Isolation in Speciation? (<https://groups.io/g/AAT/message/55789?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,600,64984021)

A genetic study of island lizards shows that even those that have been geographically isolated for many millions of years have not evolved into separate species as predicted by conventional evolutiona

By m3dodds · #55789 · 5/05/10

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### To Split a Species (<https://groups.io/g/AAT/message/55788?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,600,64984010)

Speciation - a combination of geographical isolation and ecological speciation? Ecological speciation the reason for the split, geographical isolation - the time required - for them to become two dist

By m3dodds · #55788 · 5/05/10

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### To Split a Species (<https://groups.io/g/AAT/message/55787?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,600,64984010)

Marc, Isopatrical? do you mean ecological speciation? Ecological speciation - the animal finding a new fruit, the animal finding a new strategy to deter predation, the animal that finds a new niche to

By m3dodds · #55787 · 5/05/10

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### To Split a Species (<https://groups.io/g/AAT/message/55783?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,600,64984010)

To split a species, Mayr called for a geographic barrier. A mountain or a glacier might do, for instance, for a butterfly. That's geographical speciation, does it work? An animal finds a new fruit to

By m3dodds · #55783 · 5/04/10

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OH-8 foot adult (<https://groups.io/g/AAT/message/55781?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,600,64983981)

Zinjanthropus is probably a 'he' (the blogger) The quote was from his blog: How old was the Olduvai Hominid? A Primate of Modern Aspect (blog) <http://zinjanthropus.wordpress.com/2010/04/23/how-old-was>

By m3dodds · #55781 · 5/02/10

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Tim White as one of Time Magazine's 2010 top of 100 influential people??

(<https://groups.io/g/AAT/message/55780?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,600,64983999>)

:D That excerpt Marc, also demonstrates why Time is no longer the influential publication it once was. -- Bill

By m3dodds · #55780 · 5/01/10

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OH-8 foot adult (<https://groups.io/g/AAT/message/55777?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,600,64983981)

"Instead, we have a fully adult hominid (probably *Homo habilis*) who was eaten by a crocodile! When I teach, I think it's fun to talk about all of the evidence for predation on hominids that exists in

By m3dodds · #55777 · 5/01/10

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Homo incognitus (<https://groups.io/g/AAT/message/55776?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,600,64983989)

Thanks, Marc This new piece of the puzzle is intriguing, if they are correct in thinking the Denisova hominins diverged just over a million years ago. It could mean that around a million years ago the

By m3dodds · #55776 · 4/30/10

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Kangaroos (<https://groups.io/g/AAT/message/55767?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,600,64983916)

Perhaps Elaine, on the other hand gorilla diverged from the LCA around 8 million years ago, around 3 million years before the ancestors of Homo diverged from those of chimpanzee. So in a sense it is t

By m3dodds · #55767 · 4/29/10

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Kangaroos (<https://groups.io/g/AAT/message/55764?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,600,64983916)

Elaine, I would speculate they were (the LCA) part-time climbers an part-time bipeds (part-time foraging on the ground and in the water like gorilla, does today) (Ardi 4.4 million years ago, was forag

By m3dodds · #55764 · 4/28/10

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Kangaroos (<https://groups.io/g/AAT/message/55759?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,600,64983916)

Elaine, The same could be said of ourselves and chimpanzee. Why did the LCA come down from the trees to forage on the ground? Why did the chimpanzee ancestor return to the trees becoming a knuckle-wal

By m3dodds · #55759 · 4/27/10

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Bonobos walking upright in video (<https://groups.io/g/AAT/message/55757?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,600,64983929)

Impressive video, William. Of Bonobos confidentially walking upright on two feet. As is this one of a monkey walking on two feet. [http://www.youtube.com/watch?v=8L\\_SjngmnO8&feature=related](http://www.youtube.com/watch?v=8L_SjngmnO8&feature=related) Wonder why

By m3dodds · #55757 · 4/27/10

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Kangaroos (<https://groups.io/g/AAT/message/55754?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,600,64983916)

Yes the phrase usually means mostly guesswork, but the Eomaia fossil from north east China, is remarkable... in the amount of detail that has been preserved from a 125 Mya. Image of the fossil: <http://>

By m3dodds · #55754 · 4/26/10

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Kangaroos (<https://groups.io/g/AAT/message/55750?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,600,64983916)

Got a partial answer to that question from Answer.com: There are 336 species of marsupials in the world. There are 95 opossums, 6 shrew opossums, the Monito del Monte, 2 mulgaras, the Kowari, the Litt

By m3dodds · #55750 · 4/26/10

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Kangaroos (<https://groups.io/g/AAT/message/55749?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,620,64983916)

The earliest fossil of a marsupial (the Chinese 'opossum') is from northeast China more than a 100 million years ago. Like its placental counterpart, it is thought to have been an arboreal (about the

By m3dodds · #55749 · 4/26/10

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Kangaroos (<https://groups.io/g/AAT/message/55747?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,620,64983916)

Life-style of the Tree Kangaroos? BBC Nature has a brilliant video of tree-kangaroos in New Guinea, where they have adapted to a niche usually taken by monkeys... note their short limbs (for scrambling

By m3dodds · #55747 · 4/26/10

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Kangaroos (<https://groups.io/g/AAT/message/55742?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,620,64983916)

The tree kangaroos, are said to have 'returned' to the trees to become an arboreal again 7.5 Mya. (like chimpanzee? after the P/H split) See: PDF Chart: Kangaroo Evolution with a focus on Tree Kangaroo

By m3dodds · #55742 · 4/25/10

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Dorsiflexion: Early humans were poor climbers (<https://groups.io/g/AAT/message/55737?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,620,64983867)

Ursids - polar bears are strong swimmers, some have been tracked continuously swimming for 100 Km at a time. Like humans, polar bears use their front paws (wide paws/hands) and also like humans the hi

By m3dodds · #55737 · 4/24/10

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Hominide fossielen (in Dutch) (<https://groups.io/g/AAT/message/55736?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,620,64983910)

Marc The most interesting two on this list - are Atapuerca.5 and Sangiran.17 ... Sangiran.17 (Java) could be as old KNM-ER 3733 (Koobi Fora) at 1.7 Mya. Were H. erectus origins in Java... Some argue th

By m3dodds · #55736 · 4/24/10

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Dorsiflexion: Early humans were poor climbers (<https://groups.io/g/AAT/message/55732?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,620,64983867)

Tend: to be disposed or inclined in action, operation, or effect to do something So most arboreal species will shun open space, but there will be some exceptions. (humans ex-arboreals favoured at firs

By m3dodds · #55732 · 4/23/10

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Human Gait Adapted for Efficient Walking (<https://groups.io/g/AAT/message/55731?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,620,64983899)

They'll never get it in a million years! -- Bill

By m3dodds · #55731 · 4/23/10

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Dorsiflexion: Early humans were poor climbers (<https://groups.io/g/AAT/message/55730?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,620,64983867)

For swimming? Humans have (8) wrist bones. Chimpanzees (and bonobos) are the ones that have k. walking adaptations (special features such as - bony ridges - to prevent the wrist from over- bending) Gori

By m3dodds · #55730 · 4/23/10

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Human Gait Adapted for Efficient Walking (<https://groups.io/g/AAT/message/55725?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,620,64983899)

"Humans, other great apes and bears are among the few animals that step first on the heel when walking, and then roll onto the ball of the foot and toes. Now, a University of Utah study shows the adva

By m3dodds · #55725 · 4/22/10

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Dorsiflexion: Early humans were poor climbers (<https://groups.io/g/AAT/message/55724?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,620,64983867)

Why would an arboreal become cursorial? arboreal species tend to be species of the forest, not open grassland. A cursorial species is a 'runner', the horse is a cursorial. Cursorials are species of op

By m3dodds · #55724 · 4/22/10

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Dorsiflexion: Early humans were poor climbers (<https://groups.io/g/AAT/message/55720?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,620,64983867)

----- Why do think that, Marc? -- Bill

By m3dodds · #55720 · 4/21/10

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Dorsiflexion: Early humans were poor climbers (<https://groups.io/g/AAT/message/55711?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,620,64983867)

All it is saying Marc, is that our ancestors lost the ability to climb like a chimpanzee when they became habitual bipeds. Bird ancestors had legs long before birds had wings, and some bird species ha

By m3dodds · #55711 · 4/21/10

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Dorsiflexion: Early humans were poor climbers (<https://groups.io/g/AAT/message/55710?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,620,64983867)

It would appear to be the most likely scenario, it or some variation of it, Elaine. Yes, it appears Gorilla and chimpanzee evolved k'walking independently. Gorilla k'walking differs from that of chimp

By m3dodds · #55710 · 4/21/10

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Dorsiflexion: Early humans were poor climbers (<https://groups.io/g/AAT/message/55705?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,620,64983867)

"Our ancient human ancestors traded in the ability to climb trees for the power to walk on two legs, but it is unclear when this happened in evolutionary time. A new study could help pin down the timi

By m3dodds · #55705 · 4/20/10

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BP: wading in shallow water? (<https://groups.io/g/AAT/message/55704?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,620,64983816)

Perhaps Marc, where H lacks dorsiflexion is in the foot(ankle), not the hand(wrist). Adult humans can crawl, even palm-walk on all fours on dorsiflexed hands, but they can not climb a tree like a chim

By m3dodds · #55704 · 4/20/10

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BP: wading in shallow water? (<https://groups.io/g/AAT/message/55701?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,620,64983816)

Apologies, Elaine, I too should have made the obvious connection between the ability to dorsiflex the hand, a crawling baby and palm-walking. Humans can clearly dorsiflex the hands, we are not like P

By m3dodds · #55701 · 4/19/10

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BP: wading in shallow water? (<https://groups.io/g/AAT/message/55698?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,620,64983816)

Yes, a good broad 'paddle' for swimming... Orang-tans, gibbons an chimpanzee have narrower hands gorilla has broad hands - but shorter fingers. Narrow hands indicate climbing? long fingers, branch han

By m3dodds · #55698 · 4/19/10

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'Java Man' takes age to extremes (<https://groups.io/g/AAT/message/55695?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,620,64983847)

"New age estimates for Homo erectus fossils on the Indonesian island of Java have physical anthropologists scratching their crania. After convincing most of their colleagues that H. erectus may have p

By m3dodds · #55695 · 4/18/10

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BP: wading in shallow water? (<https://groups.io/g/AAT/message/55694?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,620,64983816)

That could be plantarflexion Elaine, applied to the hand. Think most people can touch their wrist (underside) with the tips of the fingers. Dorsiflexion can be likened to raising the sole of foot of t

By m3dodds · #55694 · 4/18/10

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BP: wading in shallow water? (<https://groups.io/g/AAT/message/55691?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,620,64983816)

Marc, Using a keyboard incorrectly can lead to RSI, one of the causes - typing with the hands held in the dorsiflexed position. (additional strain on the tendons?) Perhaps oranges, and certainly gibbon

By m3dodds · #55691 · 4/18/10

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BP: wading in shallow water? (<https://groups.io/g/AAT/message/55685?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,640,64983816)

Marc Wading is a complete irrelevance when it comes to bipedalism as it amounts to little more than walking through water. Something even monkeys can do... on two legs. On the other hand while it was

By m3dodds · #55685 · 4/18/10

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## Supervolcano: How humanity survived its darkest hour (<https://groups.io/g/AAT/message/55676?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,640,64983804)

"The disaster is particularly significant since it occurred at a crucial period in human prehistory - when Neanderthals and other hominins roamed much of Asia and Europe, and around the time our direc

By m3dodds · #55676 · 4/16/10

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## Ugandapithecus vs Proconsul (<https://groups.io/g/AAT/message/55675?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,640,64983802)

Marc, some the sites for Proconsul (P.Africanus?) in Kenya are said to date from 24 Mya ... that would place it pretty close to the time the apes diverged from OWM ... was Proconsul the LCA of the ape

By m3dodds · #55675 · 4/15/10

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## A.sediba etc (<https://groups.io/g/AAT/message/55674?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,640,64983797)

What a load of dumb hyperbole! Wrong place, wrong time, wrong species ... It's no ancestor! -- Bill

By m3dodds · #55674 · 4/15/10

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## A. sediba? ... Scientists pour scorn on claims for a new species (<https://groups.io/g/AAT/message/55668?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,640,64983791)

Scientists today - poured scorn on claims that newly-discovered fossil remains were those of a new species of human ancestor. They hailed the discovery of the skeletal remains of an infant and adult f

By m3dodds · #55668 · 4/13/10

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## A.sediba (<https://groups.io/g/AAT/message/55667?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,640,64983704)

"I am inclined toward an alternative interpretation. The reason there weren't chimpanzees in East Africa in the Pliocene is not that they were stuck in the West African rain forests. The reason is ins

By m3dodds · #55667 · 4/13/10

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## A.sediba (<https://groups.io/g/AAT/message/55663?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,640,64983704)

Bahrelghazali is probably a sub-species of afarensis, garhi maybe, but anamensis is unlikely to have been. John Hawks speculated in a blog about five or six years ago that the ancestor of today's chim

By m3dodds · #55663 · 4/12/10

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## A.sediba (<https://groups.io/g/AAT/message/55653?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,640,64983704)

A number of these are just a few fragments of bone, they could simply be evidence of two or more Australopithecus species changing over time. (A.anamensis an A.bahrelghazali for example are little mor

By m3dodds · #55653 · 4/11/10

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## NATURE: Claim over 'human ancestor' sparks furore (<https://groups.io/g/AAT/message/55647?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,640,64983708)

What, if anything, is Australopithecus sediba? John Hawks (blog) <http://johnhawks.net/weblog/fossils/sediba/malapa-berger-description-2010.html> "The Rift Valley and South African cave systems may have

By m3dodds · #55647 · 4/10/10

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## Begin Pleistocene 2.6 rather than 1.8 Ma? (<https://groups.io/g/AAT/message/55644?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,640,64983736)

More consistent, as it now covers a period of climate change and repeated glaciation. (including the last glaciation, that saw the demise of the Neanderthals) -- Bill

By m3dodds · #55644 · 4/10/10

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## NATURE: Claim over 'human ancestor' sparks furore (<https://groups.io/g/AAT/message/55643?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,640,64983708)

And next to no media coverage. Media hype about it being a possible ancestor to Man, gets lot more coverage. Nothing remotely Human, Marc. Though (assuming they have the entire skeleton, including the

By m3dodds · #55643 · 4/10/10

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## A.sediba (<https://groups.io/g/AAT/message/55642?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,640,64983704)

:D Could it be a sub-species of A.africanus? A.africanus sediba. Chimpanzee is said to have split into three distinct species, due to their lack of ability to swim. (swim the Congo river) Dates for t

A.sediba (<https://groups.io/g/AAT/message/55636?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,640,64983704)

Would that still be a possibility 2.5 - 3.0 million years after the ancestors of H and P split? (P/H divergence 4.5 - 5.0 million years ago) -- Bill

By m3dodds · #55636 · 4/09/10

NATURE: Claim over 'human ancestor' sparks furore (<https://groups.io/g/AAT/message/55634?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,640,64983708)

"A team from the University of the Witwatersrand in Johannesburg, South Africa, has revealed two remarkably well preserved hominin fossils aged just under two million years old. The fossils were disco

By m3dodds · #55634 · 4/09/10

A.sediba (<https://groups.io/g/AAT/message/55633?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,640,64983704)

It's just another australopithecus, Marc. And it may not be even a new species, as the claim is disputed. NATURE [quote] "Both Grine and White are critical of the fact that most of the diagnosis of A.

By m3dodds · #55633 · 4/09/10

A.sediba c 1.9 Ma, Malapa cave: apith-like climbing, 420 cc (<https://groups.io/g/AAT/message/55628?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,640,64983678)

An unlikely candidate for the "missing-link", Marc. A item on this find in the LA Times mentions the female and perhaps her youngster fell into the pit while out "hunting" on the African plain, or whi

By m3dodds · #55628 · 4/08/10

Colin Groves 2008 "Extended Family: Long-Lost Cousins. A Personal Look at the History of Primatology" (<https://groups.io/g/AAT/message/55621?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,640,64983647>)

By m3dodds · #55621 · 4/07/10

Sequence of aquarboreal, diving & post-aquatic innovations? (<https://groups.io/g/AAT/message/55615?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,640,64983615)

Marc, 0. Split from monkeys(OWM) 23-25 Mya. (monkey/ape split) 1. Large bodied, tailless after the split from the monkeys. 3. Mortopith: change to the spine 20Mya (perhaps the last stage, in tail loss

By m3dodds · #55615 · 4/05/10

Fossil could rewrite human evolution (<https://groups.io/g/AAT/message/55614?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,640,64983644)

Tabloid 'science' journalists ... Guess they can not say much as there is said to be an embargo on what has been found until later this week. (an the fossil s said to be still embedded in the rock) Th

By m3dodds · #55614 · 4/05/10

Malapa: New Fossil from cave is a 'missing link' (<https://groups.io/g/AAT/message/55607?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,640,64983635)

Marc, Every fossil found, is always the 'missing link' and always wrong. This one, they claim is the 'link' between the a'piths and the habilis. At around 2.Mya it would have been living at the same t

By m3dodds · #55607 · 4/04/10

Malapa: New Fossil from cave is a 'missing link' (<https://groups.io/g/AAT/message/55603?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,660,64983626)

It is thought the new fossil will be identified as a species that fits somewhere between australopithecus and Homo habilis. [quote] The skeleton, which is almost complete despite being 2m years old, i

By m3dodds · #55603 · 4/04/10

Human brain got bigger by accident :-D (<https://groups.io/g/AAT/message/55602?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,660,64983607)

Agree a 100% on Colin Blakemore, Elaine. Blakemore is also apparently a little confused, he appears to be linking the overall size of the human to a genetic mutation that is said to have occurred 40,0

By m3dodds · #55602 · 4/04/10

Early Homo:. Possible Routes out of Africa (<https://groups.io/g/AAT/message/55601?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,660,64983597)

Disagree, Marc Dmanisi (1.77 Mya) and Riwayat (1.9/2.00 Mya) could only have been reached overland (by walking). It is both illogical and a contradiction to say H.erectus could have quickly dispersed al

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### Early Homo:. Possible Routes out of Africa (<https://groups.io/g/AAT/message/55597>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,660,64983597)

Marc, Inland is the more likely, up through the Levant to Dmanisi. The Jordan valley today is home to Jordan the Dead sea. Prior to three million years ago the Jordan and Dead sea were regularly flood

By m3dodds · #55597 · 4/03/10

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### Early Homo:. Possible Routes out of Africa (<https://groups.io/g/AAT/message/55593>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,660,64983597)

OK, Marc. The blog was essentially about how Homo may have left north Africa (assuming an African origin). But, it is equally applicable to how they may have entered north Africa from Eurasia. [quote]

By m3dodds · #55593 · 4/03/10

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### Early Homo:. Possible Routes out of Africa (<https://groups.io/g/AAT/message/55589>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,660,64983597)

Agree, glaciation was a mainly a feature of the Pleistocene. The current Holocene period is a little warmer. Homo, Marc. The Pliocene saw the emergence of Homo, the Pleistocene - genus Homo. Looking a

By m3dodds · #55589 · 4/02/10

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### Early Homo:. Possible Routes out of Africa (<https://groups.io/g/AAT/message/55587>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,660,64983597)

Overall, the climate began to cool throughout the late Miocene, Pliocene and Pleistocene, the latter period being one of repeated glaciation up until the present. Not so sure, as the evidence would say

By m3dodds · #55587 · 4/01/10

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### Early Homo:. Possible Routes out of Africa (<https://groups.io/g/AAT/message/55584>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,660,64983597)

The Pliocene-Pleistocene boundary presents a period of transformation in human evolution. This is a period after which it is clear that early humans are using subsistence strategies that can be charac

By m3dodds · #55584 · 3/31/10

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### Another query (<https://groups.io/g/AAT/message/55574>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,660,64983565)

Works as a sort of one way valve, protecting the nasal passages during swallowing. But as you say Elaine, it does not act to protect the lungs from water entering the body through the nasal passages .

By m3dodds · #55574 · 3/30/10

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### Another query (<https://groups.io/g/AAT/message/55572>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,660,64983565)

You are correct, Elaine. Velum is synonymous with soft-palate (or muscular palate). An it is muscle (muscle fibres, sheathed in a mucous membrane). All (or most?) vertebrate animals have one [quote] V

By m3dodds · #55572 · 3/30/10

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### KWing // etc. (<https://groups.io/g/AAT/message/55569>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,660,64983559)

That k-walking evolved twice after the G/P/H LCA, seems a little self evident in that Gorilla and chimpanzee do not use the same k-walking technique - intriguing though that both species evolved k-wal

By m3dodds · #55569 · 3/29/10

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### H.altaicus mtDNA (<https://groups.io/g/AAT/message/55565>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,660,64983516)

Agree Marc, that the floresiensis could have evolved from some a'pith-like hominid that left north Africa some considerable time ago, or independently in some hominid line that emerged in east Asia. B

By m3dodds · #55565 · 3/28/10

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### H.altaicus mtDNA (<https://groups.io/g/AAT/message/55560>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,660,64983516)

Agree somewhat, Marc. However, with the new find (if confirmed) - x-woman - from central Asia, caution would say we can not rule out an a'pith or a'pith like hominid being found outside of Africa. Do

By m3dodds · #55560 · 3/27/10

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### man's early ancestors are pictured together for the first time (<https://groups.io/g/AAT/message/55559>)

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,660,64983538)

Thanks, Edward. Putting a face to what could and what could not have been possible ancestor, makes a difference to what is little more than a few bones and speculation. Intriguingly the only one that

By m3dodds · #55559 · 3/27/10

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Swimming Orang-Utans (<https://groups.io/g/AAT/message/55556?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,660,64983525)

This the same lot of orang-utans that were pictured going for a swim last year? Pictures from last summer of swimming orang-utans. (the first pictured - looks real pissed-off with the notion of going

By m3dodds · #55556 · 3/26/10

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Homo incognitus (<https://groups.io/g/AAT/message/55555?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,660,64983528)

Homo heidelbergensis is closer to 600,000 - perhaps 800,000 years ago, possibly 1.3 Mya - if H. antecesor is actually H. heidelbergensis. (early H. heidelbergensis?) -- Bill

By m3dodds · #55555 · 3/26/10

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H. altaicus mtDNA (<https://groups.io/g/AAT/message/55548?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,660,64983516)

Yes, it should have its own name, if it proves to be a distinct species, Marc. However, there is a tendency among PAs to slap a name on something, before there is sufficient evidence that is a distinct

By m3dodds · #55548 · 3/26/10

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H. altaicus mtDNA (<https://groups.io/g/AAT/message/55546?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,660,64983516)

H. altaicus ... Is it officially Homo altaicus, Marc? (thought they were waiting for more evidence) New Scientist - are calling it x-woman. Would suspect it would have had to be earlier than 1.9 Mya

By m3dodds · #55546 · 3/25/10

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Ancient DNA suggests new hominid line (<https://groups.io/g/AAT/message/55542?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,660,64983513)

Ancient DNA suggests new hominid line Genetic data unveil a shadowy, previously unknown Stone Age ancestor [quote] A new member of the human evolutionary family has been proposed for the first time ba

By m3dodds · #55542 · 3/25/10

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mtDNA (<https://groups.io/g/AAT/message/55541?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,660,64983508)

Marc, If correct, this makes nonsense of the half-baked notion that 'modern' humans left Africa only once 50,000 years ago to replace their alleged more 'primitive' predecessors. "Anthropologists hav

By m3dodds · #55541 · 3/25/10

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Evidence indicates humans' early tree-dwelling ancestors were also bipedal

(<https://groups.io/g/AAT/message/55538?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,680,64983490>)

"The relative toe depths of the Laetoli prints show that, by 3.6 Ma, fully extended limb bipedal gait had evolved. Thus, our results provide the earliest unequivocal evidence of human-like bipedalism

By m3dodds · #55538 · 3/23/10

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Evidence indicates humans' early tree-dwelling ancestors were also bipedal

(<https://groups.io/g/AAT/message/55537?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,680,64983490>)

Perhaps Marc, But comparisons with a modern chimpanzee are somewhat misleading, as chimpanzees have evolved differently and have a very different locomotor behaviour to that of Humans. The shift toward

By m3dodds · #55537 · 3/22/10

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Evidence indicates humans' early tree-dwelling ancestors were also bipedal

(<https://groups.io/g/AAT/message/55535?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,680,64983490>)

Marc, Perhaps because modern chimps are "built" differently from early and modern humans. (not a good comparison for a possible bipedal human ancestor) The foot impression left by whoever made the Lae

By m3dodds · #55535 · 3/21/10

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Evidence indicates humans' early tree-dwelling ancestors were also bipedal

(<https://groups.io/g/AAT/message/55533?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,680,64983490>)

Same news story, this time from Physorg.com, it has the benefit of an image of the impression (footprint) left by a human walking normally, walking like an ape (bent knee, like a chimpanzee) compared

Evidence indicates humans' early tree-dwelling ancestors were also bipedal

(<https://groups.io/g/AAT/message/55530?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,680,64983490>)

Evidence indicates humans' early tree-dwelling ancestors were also bipedal. Experiments by a UA anthropologist and his colleagues show that fossil footprints made 3.6 million years ago are the earliest

By m3dodds · #55530 · 3/21/10

PA's reception on AAT these days (<https://groups.io/g/AAT/message/55528?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,680,64983473)

Would suggest Chak the problem most people have with the AAT is the word - aquatic. PAs on seeing the word in conjunction with the phrase human evolution in the paper title or the abstract will not li

By m3dodds · #55528 · 3/21/10

Human Babies are born to walk, and dance! (<https://groups.io/g/AAT/message/55514?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,680,64983419)

:D Hi Chak, It is intriguing ... Arguably the most basic 'music', music that has simple repetitive beat could be related to heart-sounds in the womb as you say, but perhaps music in general is simply

By m3dodds · #55514 · 3/17/10

Human Babies are born to walk, and dance! (<https://groups.io/g/AAT/message/55503?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,680,64983419)

Babies love a beat, according to a new study that found dancing comes naturally to infants. The research showed babies respond to the rhythm and tempo of music, and find it more engaging than speech.

By m3dodds · #55503 · 3/15/10

Bipedal Adaptations in the Hominid Pelvis (<https://groups.io/g/AAT/message/55483?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,680,64983355)

"There are also significant differences between the pelvises of early hominids and H. sapiens. Many paleoanthropologists agree that the Australopithecine pelvis displays an evolutionary mosaic of both d

By m3dodds · #55483 · 3/14/10

Modern Humans - have got smaller in the last 30,000 years (<https://groups.io/g/AAT/message/55478?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,680,64983342)

"Our brains are shrinking, according to scientists who have recreated a 28,000-year-old skull from remains found in France. The French team, which claims to have produced one of the best replicas yet

By m3dodds · #55478 · 3/14/10

head/clothing lice = 0.2 - 1 Ma (<https://groups.io/g/AAT/message/55473?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,680,64983304)

There appears to be an increasing consensus Marc, that humans were (relatively) hairless by 1.2 million years ago. 1.2 million years ago being the date at which humans acquired a version of MC1R gene

By m3dodds · #55473 · 3/14/10

Origins of Vision 600 million years ago (<https://groups.io/g/AAT/message/55458?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,680,64983300)

By studying the hydra, a member of an ancient group of sea creatures that is still flourishing, scientists at UC Santa Barbara have made a discovery in understanding the origins of human vision. The f

By m3dodds · #55458 · 3/13/10

Niemitz : Amphibian Generalist Theory (<https://groups.io/g/AAT/message/55451?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,680,64983230)

OK (Herto finds were named H.sapiens idaltu - Hs spp Hs an Hn are not the same species but they may have had a common ancestor) -- Bill

By m3dodds · #55451 · 3/12/10

Niemitz : Amphibian Generalist Theory (<https://groups.io/g/AAT/message/55449?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,680,64983230)

Essentially there are no differences between Hss & AMH Hs = archaic Homo? Essentially after Herto-Omo Hss were AMH. Would only add that AMH have become even more gracile in the last 40,000 years, more

By m3dodds · #55449 · 3/12/10

The Accidental Origins of Man (<https://groups.io/g/AAT/message/55448?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,680,64983277)

The key point emerging from the statistical evidence, Pagel stresses, is that the trigger for speciation must be some single, sharp kick of fate that is, in an evolutionary sense, unpredictable. "We'r

By m3dodds · #55448 · 3/12/10

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Cooking made us human? (<https://groups.io/g/AAT/message/55446?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,680,64983194)

One problem Marc, is that the term 'hominid' has been 'modernised' (by some "experts"). It is now supposed to include all extinct and extant humans ... as well as gorilla chimpanzee, bonobos and orang

By m3dodds · #55446 · 3/10/10

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Gorillas Eat Monkeys? (<https://groups.io/g/AAT/message/55445?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,680,64983270)

Why not? Chimpanzees hunt and kill monkeys, as do the so-called "peace-loving" Bonobos. "Loving" Bonobos Seen Killing, Eating Other Primates <http://news.nationalgeographic.com/news/2008/10/081013-bono>

By m3dodds · #55445 · 3/10/10

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Niemitz : Amphibian Generalist Theory (<https://groups.io/g/AAT/message/55444?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,680,64983230)

No-diving. All of Hs over the last 200,000 years or so, or just AMH (modern Man)? -- Bill

By m3dodds · #55444 · 3/10/10

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Niemitz : Amphibian Generalist Theory (<https://groups.io/g/AAT/message/55435?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,680,64983230)

The body has no say in the matter, instinct is 'hard-wired' into the brain. (innate) -- Bill

By m3dodds · #55435 · 3/09/10

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Niemitz : Amphibian Generalist Theory (<https://groups.io/g/AAT/message/55432?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,680,64983230)

It is instinctive to keep the face out the water to breathe - like breathing, it is innate. -- Bill

By m3dodds · #55432 · 3/09/10

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Cooking made us human? (<https://groups.io/g/AAT/message/55431?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,700,64983194)

Would that not mean He was more hominid-like than hominin? Hominid = apes - large chimp like jaws and teeth. Hominin = Homo - small jaw and teeth. The date of the MYH16 mutation in the human lineage i

By m3dodds · #55431 · 3/09/10

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Niemitz : Amphibian Generalist Theory (<https://groups.io/g/AAT/message/55430?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,700,64983230)

Yes obvious, Marc. Shallow sheltered water part-time diving in Hn and He, deeper diving, open sea diving in Hs? -- Bill sea diving

By m3dodds · #55430 · 3/09/10

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Lucy and the Arc of Visual Perception (<https://groups.io/g/AAT/message/55428?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,700,64983220)

Rodger Munday's - 'Lucy' and The Arc of Visual Perception - is also an excellent article on bipedalism - as well as on the role vision played and plays in bipedalism. Spoiled only by a paragraph or so

By m3dodds · #55428 · 3/09/10

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Niemitz : Amphibian Generalist Theory (<https://groups.io/g/AAT/message/55426?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,700,64983230)

Wading is just walking through water, it does not force you to do anything. Macaques wade upright through water gorilla wades and feeds in waist deep water, neither species is an obligate biped (like

By m3dodds · #55426 · 3/08/10

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Cooking made us human? (<https://groups.io/g/AAT/message/55421?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,700,64983194)

Before would be more logical Marc, unless He was more hominid than hominin - retaining chimplike features such a massive jaw muscles, jaw bone and a chimplike GI tract. The the change is more likely t

By m3dodds · #55421 · 3/07/10

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Cooking made us human? (<https://groups.io/g/AAT/message/55417?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,700,64983194)

Would agree Marc ... that the littoral/shellfish phase led to a reduction in GI tract (gut) in the human lineage (post P/H-LCA, but before He?).

Question is when ... for example is the reduction in th

By m3dodds · #55417 · 3/06/10

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Cooking made us human? (<https://groups.io/g/AAT/message/55415?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,700,64983194)

That is a possibility, but why cook? ... 'brown' your leg of lion over a fire? if taste is not the incentive to roast a leg of meat. Earlier hominids, hominins (an some extant apes) apparently evolved

By m3dodds · #55415 · 3/06/10

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Cooking made us human? (<https://groups.io/g/AAT/message/55411?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,700,64983194)

Not new at all... Cooking proteins, carbohydrates (even meat has some carbohydrates) accelerates the Maillard reaction(s) (chemical changes) and gives "cooked" meat and grains a myriad of flavours ...

By m3dodds · #55411 · 3/05/10

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Humans survived the Toba volcanic eruption 74,000 years ago (<https://groups.io/g/AAT/message/55409?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,700,64983196)

Interesting how those that speculate and make wild assumptions about Human evolution... often get it wrong. The "Toba catastrophe theory" ... that claims a massive volcanic eruption plunged the Earth

By m3dodds · #55409 · 3/04/10

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Were the Big Cats a bigger threat? (<https://groups.io/g/AAT/message/55407?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,700,64983189)

AAT sceptics often mention crocodiles ("crocodile infested sea-coasts" - Jablonski) as a reason why the coastal niche was not exploited by human ancestors ... They often conveniently fail to mention t

By m3dodds · #55407 · 3/03/10

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Bad Science - Mad Scientists (<https://groups.io/g/AAT/message/55391?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,700,64983137)

Would agree the teaching of science needs to be improved, as putting 'creationism' an so called 'ID' on a equal footing with evolution is sheer insanity. How anyone can seriously believe the world is

By m3dodds · #55391 · 2/27/10

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Bad Science - Mad Scientists (<https://groups.io/g/AAT/message/55386?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,700,64983137)

Coldest winter for more than thirty years and record snowfalls in some parts of North America, Europe and Eurasia. And with record low temperatures in Mongolia up pops a "climate change expert" - like

By m3dodds · #55386 · 2/26/10

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It's all in the wrist: Humans lack a knuckle-walking ancestor (<https://groups.io/g/AAT/message/55384?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,700,64983131)

"The researchers thus deduced that if African apes have different styles of knuckle-walking, then that form of locomotion must have evolved at two independent times. If that's the case, then it is lik

By m3dodds · #55384 · 2/24/10

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Why is 38C air hot - but 38C water not? (<https://groups.io/g/AAT/message/55381?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,700,64983123)

[quote] While most of us wouldn't say no to a 38°C bath or shower, when the mercury starts creeping into the high thirties we start looking for the nearest air conditioner. So what's the difference? T

By m3dodds · #55381 · 2/23/10

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Laryngeal descent evolved in 2 steps (<https://groups.io/g/AAT/message/55377?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,700,64983066)

Marc, I would suggest that an awning is a better description for the epiglottis than lid or a cover ... lid or cover suggests it closes off, seals tight the larynx. As far as I know all mammals have a

By m3dodds · #55377 · 2/21/10

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Laryngeal descent evolved in 2 steps (<https://groups.io/g/AAT/message/55367?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,700,64983066)

Agree, humans are more vulnerable to food an water entering the lungs. (not an ideal situation for an animal that likes to swim) However, keeping the airway open - means keeping it functioning - not l

By m3dodds · #55367 · 2/19/10

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Amphibian man theory (<https://groups.io/g/AAT/message/55363?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,700,64983082)

Marc, Apart from the single paragraph where he explains why humans had a preference for foraging in the riparian zones ... the rest of this amphibian men and mermaid stuff is complete nonsense. -- Bil

By m3dodds · #55363 · 2/19/10

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Laryngeal descent evolved in 2 steps (<https://groups.io/g/AAT/message/55360?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,700,64983066)

Agree Elaine, in other animals it is simpler. But I would still say the major function of the human larynx is to keep the airway open (protect the lungs). As all other functions such as vocalisation/s

By m3dodds · #55360 · 2/18/10

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Laryngeal descent evolved in 2 steps (<https://groups.io/g/AAT/message/55357?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,700,64983066)

Descended larynx ... Initially (an in newborns today) to swallow safely. (protect the lungs) Then to deepen adult male (animal) vocal sounds. The evolution of speech, human vocalisation, seems to have

By m3dodds · #55357 · 2/18/10

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Gorilla-like anatomy on A.afarensis mandibles (<https://groups.io/g/AAT/message/55353?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,700,64982909)

IMO what you call long legs Marc, are simply an integral part of our bipedal gait. Birds have wings to fly, humans walk on long legs. Studies have shown a short legged person uses more energy to walk

By m3dodds · #55353 · 2/17/10

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Gorilla-like anatomy on A.afarensis mandibles (<https://groups.io/g/AAT/message/55341?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,720,64982909)

Perhaps it is more accurate to say that bipedalism has evolved to suit the locomotor needs of the primate in question - some make minimal use or none of facultative bipedalism - while others make (mad

By m3dodds · #55341 · 2/15/10

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Sequence of hominoid locomotor evolution? (<https://groups.io/g/AAT/message/55340?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,720,64983001)

Perhaps it was related to the acquisition of trichromatic colour vision in apes and OWM. Inherited perhaps from a shore based ancestor, as a shore based diet would have been beneficial to the developm

By m3dodds · #55340 · 2/15/10

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Aquatic adaptation: Darwin was also ridiculed (<https://groups.io/g/AAT/message/55338?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,720,64982929)

Not so sure Darwin was wrong in his choice of species either, polar bears within the last 200,00 years have adapted to their polar habitat ... they swim (better than the average human) they dive. They

By m3dodds · #55338 · 2/14/10

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Gorilla-like anatomy on A.afarensis mandibles (<https://groups.io/g/AAT/message/55334?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,720,64982909)

Facultative bipedalism, walking upright when walking through water or carrying something, otherwise they move on four limbs on the ground ... Agree Marc, there is no solid evidence that it was 'Lucy'

By m3dodds · #55334 · 2/14/10

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Coastal Migration into Africa not out (<https://groups.io/g/AAT/message/55332?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,720,64982876)

Chak, If T and L are asian in origin, then a hypotheses based on southward coastal migration (using boats?) 30,000 years ago seems reasonable. Y-DNA Migration Map (curiously Dmanisi - seems to be the

By m3dodds · #55332 · 2/14/10

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New book examines the flawed human body (<https://groups.io/g/AAT/message/55331?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,720,64982937)

IMO it is simply diet that makes things worse, an inland diet was a deficient one for our ancestors, once they moved away from the shore ... and a junk food diet is doubly so for modern humans. One in

By m3dodds · #55331 · 2/14/10

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Humans: Are Distance Walkers NOT Distance Runners (<https://groups.io/g/AAT/message/55330?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,720,64983005)

[quote] Humans, other great apes and bears are among the few animals that step first on the heel when walking, and then roll onto the ball of the foot and toes. Now, a University of Utah study shows t  
By m3dodds · #55330 · 2/14/10

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Sequence of hominoid locomotor evolution? (<https://groups.io/g/AAT/message/55329?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,720,64983001)

Initial brain enlargement was perhaps in the apes, then the increase seen in *H. erectus* - then the significant increase seen in *H. heidelbergensis*. Extant apes, and some monkeys are capable of facultati

By m3dodds · #55329 · 2/14/10

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New book examines the flawed human body (<https://groups.io/g/AAT/message/55307?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,720,64982937)

Chak, Our perceived 'flaws' are perhaps evidence that we are the result of evolution ... not design. Some with luck(good genes) will have a good back, some a bad back, most will have one that aches oc

By m3dodds · #55307 · 2/12/10

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Aquatic adaptation: Darwin was also ridiculed (<https://groups.io/g/AAT/message/55300?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,720,64982929)

Charles Darwin himself, is said to have faced ridicule for suggesting in his book that aquatic adaptation was a possibility. [quote] "In the first edition of "The Origin of Species" in 1859, Charles D

By m3dodds · #55300 · 2/12/10

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Gorilla-like anatomy on *A. afarensis* mandibles (<https://groups.io/g/AAT/message/55299?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,720,64982909)

Marc, Perhaps facultative bipeds (not K-walkers), as it said the a'piths were clearly bipedal. However, their upper body is more that of climber (possibly they also slept in the trees) ... Would agree

By m3dodds · #55299 · 2/12/10

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Gorilla-like anatomy on *A. afarensis* mandibles (<https://groups.io/g/AAT/message/55293?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,720,64982909)

Thanks, Marc. This finding seems to confirm 'Lucy' was not ancestral to Homo. -- Bill

By m3dodds · #55293 · 2/11/10

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Video: *Ardipithecus ramidus* (<https://groups.io/g/AAT/message/55282?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,720,64982820)

Yes they do, but it still does not mean they are the same thing. Dexterity can mean being skilled with the hands, the body, the mind. Do not see any distinction between coming down to forage on dry gr

By m3dodds · #55282 · 2/11/10

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Coastal Migration into Africa not out (<https://groups.io/g/AAT/message/55271?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,720,64982876)

[quote] So we have evidence for a southern coastal migration. But not from Africa. The migration is into that continent. The fact that Y-hap T, along with L to some extent, appears to have effortl

By m3dodds · #55271 · 2/10/10

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Video: *Ardipithecus ramidus* (<https://groups.io/g/AAT/message/55270?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,720,64982820)

Dexterity and sensitivity (touch sense) Marc, are not necessarily the same thing, as one is related to physical movement the other to our sense of touch. An being as nimble a monkey is not the same as

By m3dodds · #55270 · 2/10/10

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Video: *Ardipithecus ramidus* (<https://groups.io/g/AAT/message/55265?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,720,64982820)

Marc, Broader fingertips may indicate an increase in sensitivity the sense of touch in the human hand, as humans evolved. The Hand How Its Use Shapes the Brain, Language, and Human Culture By Frank R.

By m3dodds · #55265 · 2/09/10

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Video: *Ardipithecus ramidus* (<https://groups.io/g/AAT/message/55262?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,720,64982820)

Marc, Monkey-like hands could indicate that there has been little or no change in the size and shape of the human hand since the apes diverged from the monkeys (OWM - 22/25 Mya). The human-ape has pro

By m3dodds · #55262 · 2/08/10

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Video: Ardipithecus ramidus (<https://groups.io/g/AAT/message/55254?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,720,64982820)

Hi Chak, Yes Ardi does not fit into the savanna hypotheses, if anything Ardi has forced them to finally admit they got it wrong about Man becoming a biped on the savanna. So, no heroic running around

By m3dodds · #55254 · 2/07/10

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Incisiform canines (<https://groups.io/g/AAT/message/55251?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,720,64982839)

Unconvincing veggie twaddle. Humans are omnivores. --Bill

By m3dodds · #55251 · 2/07/10

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Video: Ardipithecus ramidus (<https://groups.io/g/AAT/message/55244?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,720,64982820)

Marc, To define bipedal an upright as having same meaning would be like saying Meerkats are bipeds, which they are not. Then again you could also argued that upright, having an upright posture, is par

By m3dodds · #55244 · 2/05/10

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Video: Ardipithecus ramidus (<https://groups.io/g/AAT/message/55241?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,740,64982820)

Science magazine's video about last years top science story: Ardipithecus (ground ape) Featuring scientists: C. Owen Lovejoy, Tim White, Giday WoldeGabriel, Yohannes Haile-Selassie an others. Video: A

By m3dodds · #55241 · 2/05/10

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OI, BIG NOSE! (<https://groups.io/g/AAT/message/55221?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,740,64982648)

Harmful ones probably outnumber beneficial, but as said, most that occur are corrected. Mutations in one or more genes can cause genetic disorders. see: <http://learn.genetics.utah.edu/content/disorder>

By m3dodds · #55221 · 2/04/10

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Melanin and seafood. (<https://groups.io/g/AAT/message/55211?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,740,64982727)

Would agree ... But an increase in pigmentation, would seem to follow a decrease in body hair as it is likely our shore ancestors would have been as pale as a chimpanzee under their body hair ... unle

By m3dodds · #55211 · 2/04/10

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Darwinian Natural Selection: Questioned (<https://groups.io/g/AAT/message/55208?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,740,64982759)

[Quote] "Here's how natural selection is supposed to work. Each generation contributes an imperfect copy of its genotype - and thereby of its phenotype - to its successor. Neo-Darwinism suggests that

By m3dodds · #55208 · 2/04/10

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Melanin and seafood. (<https://groups.io/g/AAT/message/55207?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,740,64982727)

Thanks, Elaine. While it is obvious the skin would have become heavily pigmented when our ancestors moved into the tropics, to avoid UV damage to the skin. The argument for lighter skin to facilitate v

By m3dodds · #55207 · 2/04/10

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OI, BIG NOSE! (<https://groups.io/g/AAT/message/55204?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,740,64982648)

Hi Chak Yes and no, as I understand it most DNA errors are repaired, but a number are not. Beneficial mutations that survive may result in a trait that has some advantage that can be passed on. But, t

By m3dodds · #55204 · 2/03/10

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Melanin and seafood. (<https://groups.io/g/AAT/message/55198?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,740,64982727)

Could not find the Riley article, you mention Elaine. What connection is there between skin pigmentation and a diet of shellfish? Can't see pigmentation being a selected characteristic as it is basica

By m3dodds · #55198 · 2/03/10

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OI, BIG NOSE! (<https://groups.io/g/AAT/message/55190?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,740,64982648)

Would agree saying a particular mutation was responsible, is an easy explanation to give, but mutations are not only responsible for beneficial

changes, but also for harmful and the neutral changes we

By m3dodds · #55190 · 2/01/10

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OI, BIG NOSE! (<https://groups.io/g/AAT/message/55184?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,740,64982648)

One particular mutation is said to have been responsible for the change in the human lineage that gave us much smaller jaws a couple of million years ago. It was one mutation that could be said to hav

By m3dodds · #55184 · 1/31/10

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Hn: better lateral flexion of the lumbar spine? (<https://groups.io/g/AAT/message/55183?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,740,64982590)

Marc, Omo I appears to be Hs, Omo II ... I am no so not so sure. But, Herto is Hs, but not as old as Omo I In either case, Hs seems to have existed for 120,000 to 150,000 years before there was any ev

By m3dodds · #55183 · 1/31/10

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OI, BIG NOSE! (<https://groups.io/g/AAT/message/55175?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,740,64982648)

Neanderthals were human, Marc ... -- Bill

By m3dodds · #55175 · 1/30/10

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OI, BIG NOSE! (<https://groups.io/g/AAT/message/55171?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,740,64982648)

Yes, but the human face does not protrude as much as that of a chimpanzee, as we lack their massive jaw ... IMO the nose came to rely on cartilage for its support when our ancestors began to evolve sm

By m3dodds · #55171 · 1/30/10

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No Ooops (<https://groups.io/g/AAT/message/55170?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,740,64982605)

Vervets have the bigger range of habitat, but they share the sub sahara with patas. However they (vervets) are also found in most of east and south Africa. Not sure as to how the two species compare,

By m3dodds · #55170 · 1/30/10

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Hn: better lateral flexion of the lumbar spine? (<https://groups.io/g/AAT/message/55169?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,740,64982590)

Marc, Hs in other words could be said to be everything after Herto-Omo (190,000 years ago) to 40,000 years ago. An AMH for the for last 40,000 years. Hs could go back much further, back to the LCA we

By m3dodds · #55169 · 1/30/10

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OI, BIG NOSE! (<https://groups.io/g/AAT/message/55168?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,740,64982648)

Marc, Perhaps as the human jaw receded and human ancestors lost the ape-like protruding face, the massive jaw, the hominin nose simply required more cartilage support. (after all it could hardly have

By m3dodds · #55168 · 1/30/10

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No Ooops (<https://groups.io/g/AAT/message/55166?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,740,64982605)

Agree. Size is important in mammals when it comes to the question of gaining and losing heat. Then again patas with their slender bodies, long limbs and predilection for speed, have been compared with

By m3dodds · #55166 · 1/29/10

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Hn: better lateral flexion of the lumbar spine? (<https://groups.io/g/AAT/message/55161?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,740,64982590)

Modern humans of the last 45,000/50,000 years? Hs has changed in the last 40,000 years, becoming more of a gracile animal than the earlier more robust Hn. Considerably more so since the advent of a mo

By m3dodds · #55161 · 1/29/10

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OI, BIG NOSE! (<https://groups.io/g/AAT/message/55158?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,740,64982648)

There is nothing special or unique about the human nose, it is a just catarrhini nose, a narrow nose with downward pointing nostrils.

CATARRHINI: The most obvious difference is the shape of the nose:

By m3dodds · #55158 · 1/29/10

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No Ooops (<https://groups.io/g/AAT/message/55152?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,740,64982605)

They are much smaller, no more than 80/85 cm in length in adulthood (roughly third the size of human male in terms of body size). Would agree if they were regularly immersing themselves in water then

By m3dodds · #55152 · 1/28/10

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New Scientist, nose (<https://groups.io/g/AAT/message/55151?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,740,64982633)

There is nothing special about the nose, the Catarrhini (which includes humans) have narrow noses with downward pointing nostrils. The Catarrhini are OWM (old world monkeys) The platyrrhines are NWM D

By m3dodds · #55151 · 1/28/10

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No Ooops (<https://groups.io/g/AAT/message/55145?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,760,64982605)

Panting does appear to be the way birds stay cool that and using unfeathered parts of the body like the legs. Wading birds don't have much of a problem as they can lose body heat through their legs

By m3dodds · #55145 · 1/27/10

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No Ooops (<https://groups.io/g/AAT/message/55140?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,760,64982605)

Good point. If body hair was lost first, then SC fat would simply have taken over its role in keeping us warm in and out of the water. Though it doesn't insulate everything, bits like the head the han

By m3dodds · #55140 · 1/27/10

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No Ooops (<https://groups.io/g/AAT/message/55137?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,760,64982605)

Why do humans use sweating as a cooling strategy? It may have something to do with the layer of fat in the human body that may have served a purpose when our ancestors were on the shore two million ye

By m3dodds · #55137 · 1/27/10

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Hn: better lateral flexion of the lumbar spine? (<https://groups.io/g/AAT/message/55135?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,760,64982590)

The comparison Marc, is with Middle Pliocene humans (780,000 - 126,000 years ago) Modern humans = Homo sapiens sapiens Would be remarkable if there was no differences, modern humans are a lot less

By m3dodds · #55135 · 1/27/10

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No Ooops (<https://groups.io/g/AAT/message/55134?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,760,64982605)

Thanks, Elaine Both are good books, books I would recommend reading, though I think Falk's "Braindance" has the edge over Jablonski's "Skin" (though Jablonski's book does as you say, have a remarkable

By m3dodds · #55134 · 1/27/10

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Hn: better lateral flexion of the lumbar spine? (<https://groups.io/g/AAT/message/55128?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,760,64982590)

By m3dodds · #55128 · 1/26/10

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Beards, hairy chests and the male sex role. (<https://groups.io/g/AAT/message/55121?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,760,64982378)

Heather, Perhaps being bald, is associated with being elderly and wealthy. Indicating a bald man has lived long enough to accumulate enough wealth... to support her and her offspring. While in reality

By m3dodds · #55121 · 1/26/10

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Article in February 2010 Scientific American - "The Naked Truth" (<https://groups.io/g/AAT/message/55109?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,760,64982468)

Ooops .... The 'Radiator Hypotheses' ... is Dean Falk's. Jablonski wrote ... Skin:A Natural History. A book about the human skin, its nakedness, naked sweating, skin colours (and more). -- Bill

By m3dodds · #55109 · 1/25/10

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Article in February 2010 Scientific American - "The Naked Truth" (<https://groups.io/g/AAT/message/55108?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,760,64982468)

Elaine, Having read myself what Jablonski has to say on the subject of staying cool. IMO her arguments are convincing ones, so it will be interesting to see if she has updated her "radiator hypotheses

By m3dodds · #55108 · 1/25/10

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Beards, hairy chests and the male sex role. (<https://groups.io/g/AAT/message/55105?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,760,64982378)

Seeing hair/fur and feathers in a negative context could be wrong, as there could be a number of birds apart from ducks and penguins whose feathers in no way impede their diving and swimming abilities .

By m3dodds · #55105 · 1/25/10

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Beards, hairy chests and the male sex role. (<https://groups.io/g/AAT/message/55103?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,760,64982378)

Agree Marc, and it is also irrelevant, as it has no relevance whatsoever to what our shore-ancestors did or did not do some two million years ago. The claim that AAT is not parsimonious, is reason some

By m3dodds · #55103 · 1/25/10

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Beards, hairy chests and the male sex role. (<https://groups.io/g/AAT/message/55083?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,760,64982378)

Marc, The 3% gain in swimming speed that has been discussed here, is from Algis's claim that shaving off all our body hair would result in a 3%-4% gain in swimming speed. Most mammals in the tropics/s

By m3dodds · #55083 · 1/24/10

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Beards, hairy chests and the male sex role. (<https://groups.io/g/AAT/message/55080?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,760,64982378)

Hi William, Would not disagree with your interpenetration of evolution to any large extent ... it is all trial and error with a few mutations stirring the pot occasionally, with the resulting outcome b

By m3dodds · #55080 · 1/24/10

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Beards, hairy chests and the male sex role. (<https://groups.io/g/AAT/message/55077?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,760,64982378)

Marc, Over a dive of 4 to 5 metres, any gain from shaving of all your body hair would be in fractions of a second. Polar bears - with a full coat of body hair - can out-swim (swim faster) an average "

By m3dodds · #55077 · 1/24/10

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Beards, hairy chests and the male sex role. (<https://groups.io/g/AAT/message/55065?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,760,64982378)

Perhaps William, but wouldn't a female already have been a better diver a couple of million years ago (an today), being lighter (less muscle mass/more fat = better buoyancy) and having less body hair

By m3dodds · #55065 · 1/23/10

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Beards, hairy chests and the male sex role. (<https://groups.io/g/AAT/message/55063?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,760,64982378)

Marc, It is a 3% represents increase in a average swimming speed of 3 kph - not efficiency. (Algis argument is that shaving of all our body hair would lead to a 3% in swimming speeds) In other words i

By m3dodds · #55063 · 1/23/10

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Beards, hairy chests and the male sex role. (<https://groups.io/g/AAT/message/55049?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,760,64982378)

Marc, A 3% gain on a average speed human swimming speed of 3 kph would be at best negligible, more so if we take into account that early humans were more robust(heavier built - more muscular- heavier

By m3dodds · #55049 · 1/23/10

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Beards, hairy chests and the male sex role. (<https://groups.io/g/AAT/message/55030?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,760,64982378)

Hello Algis, What would be gained by swimming 3-4% faster? Humans are by nature slow swimmers averaging at best 2 to 3 kph, a good swimmer may manage 5 kph in calm waters without currents, a trained e

By m3dodds · #55030 · 1/22/10

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Beards, hairy chests and the male sex role. (<https://groups.io/g/AAT/message/55016?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,760,64982378)

William, As evolution does not have a purpose as such, so it could be said there is no actual reason for human males to have a beard..., But, perhaps a quirk due to gender hormone differences has left

By m3dodds · #55016 · 1/21/10

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Beards, hairy chests and the male sex role. (<https://groups.io/g/AAT/message/55013?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,760,64982378)

William. I would say there is no mystery, as the hair growth cycle patterns are different in each gender and neither gender is hairless ... as

humans are a relatively hairless, not hairless animal (bo  
By m3dodds · #55013 · 1/21/10

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Benefits of omega-3 fatty acids tally up (<https://groups.io/g/AAT/message/55006?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,780,64982370)

Promising news about omega-3 fatty acids just keeps rolling in. A new study bolsters previous data suggesting that fish oil supplements high in omega-3s may benefit critically ill people in intensive

By m3dodds · #55006 · 1/20/10

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Standing on Two Feet Made Us Human (<https://groups.io/g/AAT/message/55000?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,780,64982341)

OK. Not sure there is much basis to this story Marc, for starters they seem to have made comparisons with hands of the chimpanzee. But humans and the chimpanzee have very little in common, just a comm

By m3dodds · #55000 · 1/19/10

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Standing on Two Feet Made Us Human (<https://groups.io/g/AAT/message/54993?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,780,64982341)

"Scientists may have solved the mystery of how human hands became nimble enough to make and manipulate stone tools. The team reports in the journal Evolution that changes in our hands and fingers were

By m3dodds · #54993 · 1/18/10

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The Human Larynx (<https://groups.io/g/AAT/message/54990?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,780,64982337)

Detailed illustrations of the human larynx, and info on its role in protecting the airway and how it aids vocalisation (speech) in humans. The Larynx The larynx is a special part of the body that func

By m3dodds · #54990 · 1/18/10

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Arid: Evolutions Bad Girl (<https://groups.io/g/AAT/message/54982?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,780,64982259)

Marc, Being dagger-like, would be like a long double edged blade with a sharp point - a tooth for piercing, ripping flesh. While a wide-thin flat sharp edged tooth is perhaps better for slicing throug

By m3dodds · #54982 · 1/17/10

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Unbelievable Y chromosome differences between humans and chimpanzees

(<https://groups.io/g/AAT/message/54972?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,780,64982292>)

Marc, Bit weird we have more in common with a chicken (birds) whom we parted company with more than 300 million years ago, than we now have after six million years since parting company with the ances

By m3dodds · #54972 · 1/16/10

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Arid: Evolutions Bad Girl (<https://groups.io/g/AAT/message/54971?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,780,64982259)

----- Marc As you suggested I had a look at an illustration of a bonobo skull for comparison, the canine in question looks smaller in the bonobo though larger and has more

By m3dodds · #54971 · 1/16/10

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Unbelievable Y chromosome differences between humans and chimpanzees

(<https://groups.io/g/AAT/message/54966?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,780,64982292>)

Indeed, at 6 million years of separation, the difference in MSY gene content in chimpanzee and human is more comparable to the difference in autosomal gene content in chicken and human, at 310 million

By m3dodds · #54966 · 1/15/10

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Arid: Evolutions Bad Girl (<https://groups.io/g/AAT/message/54964?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,780,64982259)

Marc, There is an illustration of Human/Ardi/chimpanzee dentition on the first page of the paper: "Paleobiological Implications of the Ardipithecus ramidus Dentition" \_\_\_\_\_ That illustrat

By m3dodds · #54964 · 1/15/10

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Arid: Evolutions Bad Girl (<https://groups.io/g/AAT/message/54953?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,780,64982259)

It is possible to use "the" ... but perhaps doing so is more formal an awkward, an a change of tense. By diamond shaped C's, I assume you mean the dagger-like upper canine as seen in chimpanzee dentit

By m3dodds · #54953 · 1/13/10

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Ardi: Evolution's Bad Girl (<https://groups.io/g/AAT/message/54951?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,780,64982210)

No, Marc. "Nor was Ardi's habitat your typical humid closed canopy tropical rainforest ... " "your typical..." Is simply one way of saying the forest, was typical of its kind. On canines, Ardi's are

By m3dodds · #54951 · 1/12/10

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Ardi: Evolution's Bad Girl (<https://groups.io/g/AAT/message/54938?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,780,64982210)

That Ardi and her kin were woodland animals, not savannah ones. Agree, a woodland ape. (woodlands, subject to occasional seasonal flooding?) One quote of some interest, from the papers: "One effect of

By m3dodds · #54938 · 1/08/10

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Ardi: Evolution's Bad Girl (<https://groups.io/g/AAT/message/54934?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,780,64982210)

Contrary what the 'savannah' lobby expected though... so she is a 'party crasher' as far as they are concerned ... On the other hand hackberry, fig and palm trees don't seem to conformed to what would

By m3dodds · #54934 · 1/08/10

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Ardi: Evolution's Bad Girl (<https://groups.io/g/AAT/message/54931?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,780,64982203)

She's the ultimate evolutionary party crasher. Dubbed Ardi, her partial skeleton was unearthed in Ethiopia near the scattered remains of at least 36 of her comrades. Physical anthropologists had known

By m3dodds · #54931 · 1/07/10

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BHBK gait a myth? (<https://groups.io/g/AAT/message/54927?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,780,64982171)

--- In AAT@..., "Elaine Morgan" <elaine@...> wrote> Highly probable - taking into account Orrorin at 6 million years ago, the gibbons, and the fact that some other primates like monkeys are

By m3dodds · #54927 · 1/07/10

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BHBK gait a myth? (<https://groups.io/g/AAT/message/54921?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,780,64982171)

Yes, but Ardi 4.4 million years ago neither had a BHBK gait or knuckle-walked in its woodland habitat. Ardi was walking upright 4.4 million years ago ... An Orrorin tugenensis (probably not a direct a

By m3dodds · #54921 · 1/06/10

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BHBK gait a myth? (<https://groups.io/g/AAT/message/54919?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,780,64982171)

Since Humans did not have chimpanzee ancestors, an Ardi did not walk with a BHBK gait ... what ... relevance if any has a BHBK gait have for Human evolution? -- Bill

By m3dodds · #54919 · 1/05/10

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Desert VS. Forrest People (war, violence, coercion) (<https://groups.io/g/AAT/message/54917?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,780,64982164)

Gabriel... Littoral people would fit better than either forest or desert people ... desert and forest people have contributed very little to human civilisations. Most forest based cultures are tribal

By m3dodds · #54917 · 1/05/10

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Homo Eating fish in the Pleistocene? (<https://groups.io/g/AAT/message/54914?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,780,64982157)

"Here's a good moral of the Geshert Benot Ya'akov story: It's now past time to stop talking about whether "pre-modern" humans used aquatic resources. They did, sometimes intensively." [quote:] The fish

By m3dodds · #54914 · 1/04/10

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DNA analysed from an early European (<https://groups.io/g/AAT/message/54912?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,780,64982150)

Scientists have analysed DNA extracted from the remains of a 30,000-year-old European hunter-gatherer. Studying the DNA of long-dead humans can open up a window into the evolution of our species (Homo

By m3dodds · #54912 · 1/03/10

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More than a jump to the left (<https://groups.io/g/AAT/message/54911?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,800,64982146)

Study on memory for dance moves discovers substantial cross-cultural diversity in human cognition Despite the fact that physical space follows similar laws everywhere across the globe, cultures vary a  
By m3dodds · #54911 · 1/03/10

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mtDNA clock (<https://groups.io/g/AAT/message/54910?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,800,64982144)  
An unreliable clock ... -- Bill  
By m3dodds · #54910 · 1/03/10

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Comparative analysis of human dietary specialisation (<https://groups.io/g/AAT/message/54905?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,800,64982108)  
Comparative analysis of human dietary specialisation Thanks, Marc. A long, but thought provoking explanation as to why humans are omnivores (fruit eating-meat eaters) not vegetarians or rampant carnivor  
By m3dodds · #54905 · 1/01/10

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Sudd (<https://groups.io/g/AAT/message/54904?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,800,64982116)  
An Overview of the Egyptian-Sudanese Jonglei Canal Project <http://www.siyassa.org/ESiyassa/ahram/2001/1/1/STUD4.htm>  
By m3dodds · #54904 · 1/01/10

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A guid New Year to ane an' a! (<https://groups.io/g/AAT/message/54903?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,800,64982120)  
Hopefully, Marc. This new decade will finally see a more general acceptance of the shore ape hypotheses (AAT), as a valid explanation of how Humans evolved. Best wishes for 2010 --- Bill  
By m3dodds · #54903 · 1/01/10

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A guid New Year to ane an' a! (<https://groups.io/g/AAT/message/54898?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,800,64982120)  
A guid New Year to ane an' a! (A good New Year to one and all!) Slàinte mhath! --- Bill  
By m3dodds · #54898 · 12/31/09

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COMPARATIVE BIPEDALISM (<https://groups.io/g/AAT/message/54888?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,800,64981987)  
Comparative Bipedalism: Conclusions UNIFYING PATTERNS AND CONCLUSION A major unifying trait of bipedalism is that it is associated with occasional but critical cursorial movements. Lizards, which are  
By m3dodds · #54888 · 12/27/09

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Nollaig Chridheil a h-uile duine! (<https://groups.io/g/AAT/message/54883?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,800,64982089)  
Nollaig Chridheil a h-uile duine! (Merry Christmas everyone!) Slàinte mhath! --- Bill (m3d)  
By m3dodds · #54883 · 12/24/09

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Among Apes, Teeth Are Made for the Toughest Times (<https://groups.io/g/AAT/message/54881?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,800,64982086)  
"The teeth of some apes are formed primarily to handle the most stressful times when food is scarce, according to new research performed at the National Institute of Standards and Technology (NIST). T  
By m3dodds · #54881 · 12/23/09

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Why Human babies take longer to walk (<https://groups.io/g/AAT/message/54875?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,800,64982054)  
Elephants are large animals, not sure how their brain size relates to their overall size (humans are a mid- sized primate, with a relatively large brain). Zebras, animals, prey species need to be up a  
By m3dodds · #54875 · 12/22/09

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Griphopithecus : Middle Miocene Dispersals of Apes (<https://groups.io/g/AAT/message/54874?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,800,64982061)  
Open woodlands are more likely than wetlands, the climate was cooling favouring grasses over trees (trees need a higher, more regular rainfall than grasses - grasses adapt faster). More bipedal wading  
By m3dodds · #54874 · 12/22/09

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Middle Miocene Dispersals of Apes (<https://groups.io/g/AAT/message/54870?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,800,64982043)

This environmental shift would seem to confirm that the P/H-LCA was likely to have been a late Miocene facultative bipedal woodland ape ... something confirmed by the Ardi (another woodland ape) findi  
By m3dodds · #54870 · 12/21/09

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To Elaine Morgan (<https://groups.io/g/AAT/message/54869>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,800,64982036)

Elaine, Sorry to hear that you had a fall (know how excruciatingly painful it can be when you put your back out ... ) Hope you will be up and about real soon ... Nadolig Llawen a Blwyddyn Newydd Dda -

By m3dodds · #54869 · 12/21/09

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Why Human babies take longer to walk (<https://groups.io/g/AAT/message/54868>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,800,64982054)

"Why does a human baby need a full year before it can start walking, while a newborn foal gets up on its legs almost directly after birth? Scientist have assumed that human motor development is unique

By m3dodds · #54868 · 12/21/09

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COMPARATIVE BIPEDALISM (<https://groups.io/g/AAT/message/54862>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,800,64981987)

Would agree. Small reptiles millions of years ago turned this method of avoiding a predator by running upright on their hind legs to their advantage, and went on to dominate life on Earth for hundreds

By m3dodds · #54862 · 12/19/09

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COMPARATIVE BIPEDALISM (<https://groups.io/g/AAT/message/54854>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,800,64981987)

No one is making a bipedal comparison with a lizard that can run on the surface of water ... It has only got a mention because of an intriguing quote in the article on comparative bipedalism (that com

By m3dodds · #54854 · 12/18/09

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Cataclysmic flood filled the Mediterranean Sea (<https://groups.io/g/AAT/message/54849>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,800,64982004)

"A cataclysmic flood could have filled the Mediterranean Sea — which millions of years ago was a dry basin — like a bathtub in the space of less than two years. A new model suggests that at the flood'

By m3dodds · #54849 · 12/13/09

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COMPARATIVE BIPEDALISM (<https://groups.io/g/AAT/message/54848>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,800,64981987)

It is a remarkable feat ... an ingenious way of evading a predator. The form of bipedalism involved is not unique by any means, as a number of small lizards evade predators by raising themselves up

By m3dodds · #54848 · 12/13/09

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COMPARATIVE BIPEDALISM (<https://groups.io/g/AAT/message/54844>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,800,64981987)

Video of basilisk lizard running across the water on two legs ... <http://www.youtube.com/watch?v=Spc9r4CHR>Do It certainly can move! They weigh about 90 grams, and can run across 4 to 5 meters of water

By m3dodds · #54844 · 12/12/09

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COMPARATIVE BIPEDALISM (<https://groups.io/g/AAT/message/54840>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,800,64981987)

COMPARATIVE BIPEDALISM - how the rest of the animal kingdom walks on two legs Philip Dhingra Prof. Jablonski Anth. Sci. 131/231 - Primate Evolution, Stanford University Published on Philosophy May

By m3dodds · #54840 · 12/12/09

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K/T: firestorm or fizzle? (<https://groups.io/g/AAT/message/54839>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,820,64981983)

More of a fizzle ... than a firestorm. The dinosaurs outlived their alleged mass extinction at the time of the Chicxulub impact ... by several hundred thousand years. --- Bill (m3d)

By m3dodds · #54839 · 12/11/09

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Teaching Can Rewire Childrens Brains (<https://groups.io/g/AAT/message/54837>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,820,64981980)

Carnegie Mellon University scientists Timothy Keller and Marcel Just have uncovered the first evidence that intensive instruction to improve reading skills in young children causes the brain to physic

By m3dodds · #54837 · 12/10/09

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Stephen Jay Gould, Richard Owen (<https://groups.io/g/AAT/message/54830?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,820,64981968)

Thanks, for the link Marc. Punctuated equilibrium mirrors the fossil record more accurately than Darwin's gradualism ... "In punctuated equilibrium, change comes in spurts. There is a period of very l

By m3dodds · #54830 · 12/08/09

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Climate Change - Climate Con (<https://groups.io/g/AAT/message/54826?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,820,64981962)

Scientists may re-examine temperature data to prove climate change Climate scientists may re-examine 160 years of temperature data after admitting that public confidence in the reality of global warmi

By m3dodds · #54826 · 12/05/09

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Hairlessness Hypothesis (<https://groups.io/g/AAT/message/54821?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,820,64981944)

Thanks, Falasha. Have downloaded a PDF copy to read later. Would say at this point that I think being a relatively hairless animal, has more to do with size of the human brain. We are a medium sized p

By m3dodds · #54821 · 12/01/09

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2-Ma evidence shows tool-making hominins inhabited grasslands (<https://groups.io/g/AAT/message/54820?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,820,64981923)

Marc, Would depend on the type of forest. Grasses and trees are in competition for the available light, nutrients and moisture. With dense tree coverage you would get little in the way of grasses in t

By m3dodds · #54820 · 12/01/09

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Green Sahara Triggered Human Migrations (<https://groups.io/g/AAT/message/54814?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,820,64981942)

A team of scientists from the NIOZ Royal Netherlands Institute for Sea Research and the University of Bremen (Germany) has determined that a major change in the climate of the Sahara and Sahel region

By m3dodds · #54814 · 11/30/09

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2-Ma evidence shows tool-making hominins inhabited grasslands (<https://groups.io/g/AAT/message/54812?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,820,64981923)

Marc, The findings are not all that surprising if you accept that early Homo around two million years ago was moving inland, moving inland after a long sojourn on the shore between three and two milli

By m3dodds · #54812 · 11/30/09

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The Human Lineage - the last 10 million years (<https://groups.io/g/AAT/message/54798?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,820,64981899)

"The Human Lineage" focuses on the last ten million years of human history, from the hominoid radiations to the emergence and diversification of modern humanity. It draws upon the fossil record to she

By m3dodds · #54798 · 11/28/09

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Signs of Early Homo sapiens in China? (<https://groups.io/g/AAT/message/54792?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,820,64981871)

--- In AAT@..., "Leif Ekblad" <leif@...> wrote> Would only say there a number of factors in favour of Neanderthals and Sapiens sharing a common ancestor from the size of the brain in the t

By m3dodds · #54792 · 11/25/09

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Signs of Early Homo sapiens in China? (<https://groups.io/g/AAT/message/54789?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,820,64981871)

Leif, The only difficulty with an Asian origin I can see, is that the neanderthals and sapiens had a common ancestor ... On the other hand the Eurasian neanderthals managed to extended their range eas

By m3dodds · #54789 · 11/25/09

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Signs of Early Homo sapiens in China? (<https://groups.io/g/AAT/message/54785?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,820,64981871)

Marc, The discovery is interesting, yes. An intriguing. The possibility that H.sapiens emerged independently in east Asia, is intriguing. The OoA is too simplistic to be plausible ... IMO the answer p

By m3dodds · #54785 · 11/24/09

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Signs of Early Homo sapiens in China? (<https://groups.io/g/AAT/message/54781?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,820,64981871)

Marc, An intriguing find if proved to be correct. It would also seem that scientist/anthropologist in China, do not buy into the OoA hypotheses (an its many revisions) ... Chinese Academy of Sciences  
By m3dodds · #54781 · 11/23/09

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Early Homo sapiens in China 100,000 years ago ... (<https://groups.io/g/AAT/message/54779>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,820,64981869)

Dating back to 110,000 years ago, a human fossil found in China could provide evidence disputing the theory that all modern day humans originally came from Africa. Last week, China's Institute of Vert

By m3dodds · #54779 · 11/22/09

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Hf (<https://groups.io/g/AAT/message/54776?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,820,64981854>)

If you were to rule out brain-size as a criterion for genus Homo, then there would be no a'piths - everything would be Homo. An if the floresiensis is not an a'pith, pathological or a dwarf island

By m3dodds · #54776 · 11/21/09

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Hf (<https://groups.io/g/AAT/message/54773?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,820,64981854>)

At 400 cm - it is not genus Homo, perhaps A.floresiensis would be more accurate - an extinct Indonesian a'pith. --- Bill (m3d)

By m3dodds · #54773 · 11/20/09

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The LCA was a Ardipithecus-like primate (<https://groups.io/g/AAT/message/54772>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,820,64981856)

"For the past five years, almost every study including more than a single gene has agreed on one central fact: humans and chimpanzees last exchanged genes less than 6 million years ago. Most of them p

By m3dodds · #54772 · 11/20/09

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Wading debate: ape diets (<https://groups.io/g/AAT/message/54768>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,820,64981553)

OK The question that remains is when it occurred and perhaps why these particular chromosomes fused into one. Was it a random event, or is there a link to the divergence of the ancestors of Homo and t

By m3dodds · #54768 · 11/19/09

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Wading debate: ape diets (<https://groups.io/g/AAT/message/54765>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,820,64981553)

OK That's a curious description of chromosomes - a collection of "random sized suitcases full of bits and bobs" ... By definition a chromosome - is a threadlike linear strand of DNA and associated pro

By m3dodds · #54765 · 11/18/09

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Wading debate: ape diets (<https://groups.io/g/AAT/message/54760>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,820,64981553)

Fair point ... Algis. Following in the sense it was not the condition before the divergence with the ancestors of the chimpanzee. If it was a mutation \*causing\* the divergence, it would mean an entire

By m3dodds · #54760 · 11/17/09

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What Causes Speciation? (<https://groups.io/g/AAT/message/54759>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,840,64981772)

Marc, Perhaps. However I would favour more the northern portion of the Miocene forest surrounding Lake Chad as the habitat of the P/H - LCA following the divergence of G in north west Africa ... would

By m3dodds · #54759 · 11/17/09

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Wading debate: ape diets (<https://groups.io/g/AAT/message/54757>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,840,64981553)

--- In AAT@..., "Algis" <algis@...> wrote> More time, means more time for changes, more time for changes to become fixed. Chromosomes numbers, vary between species ... some like humans man

By m3dodds · #54757 · 11/17/09

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Wading debate: ape diets (<https://groups.io/g/AAT/message/54749>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,840,64981553)

EQ relative brain, and body size? 5.8 Homo sapiens 4.0 Homo erectus (late) 3.3 Homo erectus (early) 3.1 habilis 2.9 A.robustus 2.0 chimpanzee 1.7 gorilla Habilis using this table is closer to A.robust

By m3dodds · #54749 · 11/16/09

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What Causes Speciation? (<https://groups.io/g/AAT/message/54747>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,840,64981772)

Marc, Would say for H in terms of speciation, it was a combination of both geographical and mutation-order speciation ... Perhaps initially

geographical, with the ancestor of H on the shore heading ou  
By m3dodds · #54747 · 11/16/09

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### What Causes Speciation? (<https://groups.io/g/AAT/message/54735?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,840,64981772)

Silver-tongued humans may owe their language prowess to a foxy friend. A new study provides more evidence that the human version of a protein known as FOXP2 may have aided the evolution of language. C

By m3dodds · #54735 · 11/15/09

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### Wading debate: ape diets (<https://groups.io/g/AAT/message/54733?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,840,64981553)

John Hawks, on the chimpanzee .... "I am inclined toward an alternative interpretation. The reason there weren't chimpanzees in East Africa in the Pliocene is not that they were stuck in the West Afri

By m3dodds · #54733 · 11/13/09

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### Wading debate: ape diets (<https://groups.io/g/AAT/message/54732?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,840,64981553)

OK. On a related point, can I ask why you consider the habilis to be the first of genus Homo? When it is known to have co-existed in the same part of Africa (Turkana basin area) with H.erectus for som

By m3dodds · #54732 · 11/13/09

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### Wading debate: ape diets (<https://groups.io/g/AAT/message/54724?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,840,64981553)

If the Ardipithecus were in that particular area, I agree it is likely that a number of them would have been likely to have survived on the 'island' ... it being the only high ground available. As to

By m3dodds · #54724 · 11/12/09

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### Inefficient Selection: Prevails over Darwinian selection in Humans (<https://groups.io/g/AAT/message/54718?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,840,64981705)

Nor over the many advantageous mutations ... A gene critical for speech.

[http://www.sciencenews.org/view/generic/id/48680/title/A\\_gene\\_critical\\_for\\_speech](http://www.sciencenews.org/view/generic/id/48680/title/A_gene_critical_for_speech) ---m3d

By m3dodds · #54718 · 11/11/09

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### Inefficient Selection: Prevails over Darwinian selection in Humans (<https://groups.io/g/AAT/message/54716?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,840,64981705)

Elaine, Yes, Darwin did not coin the phrase "survival of the fittest" himself that 'honour' goes to one of his colleagues - Herbert Spencer who coined it after reading Darwin's "On the Origin of Speci

By m3dodds · #54716 · 11/11/09

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### Wading debate: ape diets (<https://groups.io/g/AAT/message/54715?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,840,64981553)

Thanks for ref., Marcel There is a good illustration of a possible island on page.9 of your paper ... Afar island ... it would appear to be roughly 20/25 km in long, an 15 km wide ... an not entirely

By m3dodds · #54715 · 11/11/09

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### Inefficient Selection: Prevails over Darwinian selection in Humans (<https://groups.io/g/AAT/message/54709?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,840,64981705)

Not necessarily ... Darwinian survival of the fittest ("only the fittest organisms will prevail") would work to eliminate those mildly deleterious mutations. (as unfit to survive) Triumphs in the sens

By m3dodds · #54709 · 11/10/09

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### Wading debate: ape diets (<https://groups.io/g/AAT/message/54708?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,840,64981553)

Would agree not all high ground would have become islands when the Red sea flooded, but if the area was roughly the same as it is today those areas north of the Danakil alps could have become islands,

By m3dodds · #54708 · 11/10/09

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### Wading debate: ape diets (<https://groups.io/g/AAT/message/54707?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,840,64981553)

Morning Algis, 3.5 Mya seems to have been sufficient time for human and chimpanzee to be distinct species some two million years ago, when H.erectus was about to make an appearance. (or do envisage H.

By m3dodds · #54707 · 11/10/09

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Inefficient Selection: Prevails over Darwinian selection in Humans (<https://groups.io/g/AAT/message/54698?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,840,64981705)

Elaine, I would say neither, think he is simply saying complexity arises from inefficient selection, that more complex organisms rely on inefficient selection. These two quotes may summarise it ... "T

By m3dodds · #54698 · 11/09/09

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Inefficient Selection: Prevails over Darwinian selection in Humans (<https://groups.io/g/AAT/message/54694?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,840,64981705)

"This supports the case for evolution because it shows that you can drive complexity with random mutations in duplicate genes," Fernandez said. "But this also implies that random drift must prevail ov

By m3dodds · #54694 · 11/09/09

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Wading debate: ape diets (<https://groups.io/g/AAT/message/54691?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,840,64981553)

Thanks, Marcel. Those dates are more in line with those of Lumiere ... Evolution of Human bipedalism: A hypotheses about where it happened. by L.P.La Lumiere [1981] Which would mean if the ancestors o

By m3dodds · #54691 · 11/09/09

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Wading debate: ape diets (<https://groups.io/g/AAT/message/54687?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,840,64981553)

Algis, If I understand you correctly, I am not sure hybridisation would be possible after a period of more than 4 million years. Would not for example the descendants of a pith-like common ancestor se

By m3dodds · #54687 · 11/08/09

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Wading debate: ape diets (<https://groups.io/g/AAT/message/54683?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,840,64981553)

Algis, Think Lumiere - speculated that the island would have formed some time in the Pliocene, and re-connected with the mainland at around 2.6 Mya ... The 2.6 Mya date could be relevant (as a number

By m3dodds · #54683 · 11/07/09

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Man - The Shore Ape (<https://groups.io/g/AAT/message/54677?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,840,64981663)

Would agree, Elaine. What is difficult to understand though, why the research of Stephen C Cunnane and his colleagues is ignored when they have provided time after time plenty of evidence that only a

By m3dodds · #54677 · 11/06/09

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Man - The Shore Ape (<https://groups.io/g/AAT/message/54674?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,860,64981663)

"We argue that the shore-based ecologic niche was uniquely able to stimulate expansion of the primate brain because, in addition to being a plentiful supply of dietary energy and protein, it provided

By m3dodds · #54674 · 11/05/09

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steatopygia, buoyancy (<https://groups.io/g/AAT/message/54667?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,860,64981646)

Being obese, making them more buoyant? Women tend to be more buoyant than men anyway due to body fat, but women tend to have a smaller lung volume than men ... men have more muscle mass, women body fa

By m3dodds · #54667 · 11/04/09

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Study reveals 2d pathway to feeling your heartbeat (<https://groups.io/g/AAT/message/54661?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,860,64981633)

Fascinating, Marc. Would appear the brain, is more aware than we are of our bodies. The brain knows what the body is doing, an where the various parts of the body are located in relation to each other

By m3dodds · #54661 · 11/03/09

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Algeripithecus = strepsirhine? (<https://groups.io/g/AAT/message/54660?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,860,64981629)

Thanks, Marc. Removing the Algeripithecus, removes most if not all of the foundations for an African origin for the anthropoid primates. "The African origin of anthropoid primates called into question

By m3dodds · #54660 · 11/03/09

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Tospeak: A gene critical for speech (<https://groups.io/g/AAT/message/54653?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,860,64981619)

"Tospeak first appeared in primates, the researchers discovered by looking for the gene in a variety of species. In humans, part of the genetic

control panel that governs to speak activity was duplicated  
By m3dodds · #54653 · 11/02/09

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Aaron Filler on the Upright Ape (<https://groups.io/g/AAT/message/54650?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,860,64981610)

Marc, It is still a good reason for holding the back upright, backache from repeated bending can be excruciatingly painful. Apes are also bigger fruit eaters, OWMs are less so, they more of a folivore

By m3dodds · #54650 · 11/01/09

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Wading debate: ape diets (<https://groups.io/g/AAT/message/54647?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,860,64981553)

Agree. (3) is the one needing explaining. (a) Do other species, shed 'emotional' tears? (b) Do human 'emotional' tears, arise from conflicting subconscious emotions/feelings in our 'large' brains, are '

By m3dodds · #54647 · 11/01/09

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Wading debate: ape diets (<https://groups.io/g/AAT/message/54644?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,860,64981553)

Elaine, Think in humans it is the kidneys maintain the salt balance, of our bodies. But, tears seem to perform three distinct important functions ... (1) keeping the eyes from getting dry, crucial -

By m3dodds · #54644 · 11/01/09

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FW: Re: Aaron Filler on the Upright Ape (<https://groups.io/g/AAT/message/54642?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,860,64981560)

Marc, One possible reason in a fruit eating species. (apes) It could facilitate easier fruit picking (or plucking, as DD would say), the ability to hold the back upright, while plucking fruit, perhaps

By m3dodds · #54642 · 11/01/09

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Wading debate: ape diets (<https://groups.io/g/AAT/message/54641?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,860,64981553)

Elaine, Agree such speculations, should not be ruled out. It is a while since the idea of an island in the Afar has been discussed, the idea seems to have fallen out of favour, not sure why. The Afar

By m3dodds · #54641 · 11/01/09

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google "Hominiform Progression" (<https://groups.io/g/AAT/message/54640?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,860,64981571)

Marc, Took up his suggestion, and watched the 24 min. version. The most interesting segment, was that on gibbons walking upright on the ground. ---m3d

By m3dodds · #54640 · 11/01/09

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Wading debate: ape diets (<https://groups.io/g/AAT/message/54615?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,860,64981553)

Apes are said to have specialised in eating fruit, and it is said to be the reason apes lost out to monkeys in the forest during the Miocene, and are now in decline. (with one exception - the human bi

By m3dodds · #54615 · 10/29/09

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Aaron Filler on the Upright Ape (<https://groups.io/g/AAT/message/54614?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,860,64981522)

By m3dodds · #54614 · 10/29/09

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Occam's razor, wading debate (<https://groups.io/g/AAT/message/54607?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,860,64981467)

Have you never watched a monkey walk upright through water? Monkeys, apes, walk upright, it keeps the face out of the water, they resume their QP gait once they have passed through the water ... Never

By m3dodds · #54607 · 10/28/09

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The relative cost of bent-hip bent-knee walking is reduced in water (<https://groups.io/g/AAT/message/54604?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,860,64981502)

Congrats to you and your colleagues, Algis. Australopithecine BK locomotion? ---m3d

By m3dodds · #54604 · 10/28/09

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Occam's razor, wading debate (<https://groups.io/g/AAT/message/54601?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,860,64981467)

The difference is ... The human ape left the forest, for the shore, began to dwell in coastal forest, began to forage on the shore and in time the

foreshore and shallow water ... For the apes that remain  
By m3dodds · #54601 · 10/28/09

### Wading models of hominin bipedal origins - a key argument in favour of "AAH"

(<https://groups.io/g/AAT/message/54600?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,860,64981019>)

Marc, Perhaps ... Timing seems to be uncertain, for the interstadials and stadials for the early part of the Pleistocene. One clue to the north African climate 1.8 Mya ago, could be the claims that th

By m3dodds · #54600 · 10/28/09

### Occam's razor, wading debate (<https://groups.io/g/AAT/message/54597?>

[p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,860,64981467](https://groups.io/g/AAT/message/54597?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,860,64981467))

Algis, If I may I will answer both your posts, in one. Do I agree with Marc, in finding that there is no correlation between wading and bipedalism? (the origins of bipedalism) ... yes. However, I have

By m3dodds · #54597 · 10/28/09

### Occam's razor, wading debate (<https://groups.io/g/AAT/message/54575?>

[p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,860,64981467](https://groups.io/g/AAT/message/54575?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,860,64981467))

Algis, I am simply stating the fact that primates are capable of facultative bipedalism. That our ancestors were also facultative bipeds, in the forest. That our ancestors were habitual/obligate biped

By m3dodds · #54575 · 10/27/09

### Occam's razor, wading debate (<https://groups.io/g/AAT/message/54574?>

[p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,860,64981467](https://groups.io/g/AAT/message/54574?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,860,64981467))

Nope ... Primates as you say include the human ape, our ancestors were also once facultative bipeds in the forest.

[http://en.wikipedia.org/wiki/Facultative\\_biped](http://en.wikipedia.org/wiki/Facultative_biped) Today, we are habitual(obligate) biped

By m3dodds · #54574 · 10/27/09

### Wading models of hominin bipedal origins - a key argument in favour of "AAH"

(<https://groups.io/g/AAT/message/54573?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,880,64981019>)

Marc, Think it is Lufeng county, Yunnan. (China) Yunnan - land of mountains, lakes and rivers. [http://en.wikipedia.org/wiki/Yunnan\\_Geography](http://en.wikipedia.org/wiki/Yunnan_Geography)  
18-15 million of years ago, perhaps favoured eastward habita

By m3dodds · #54573 · 10/27/09

### Occam's razor, wading debate (<https://groups.io/g/AAT/message/54568?>

[p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,880,64981467](https://groups.io/g/AAT/message/54568?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,880,64981467))

It is simple ... Primates are capable of facultative bipedalism, wading therefore had no role in the origins of bipedalism. ---m3d

By m3dodds · #54568 · 10/27/09

### [AAT ] The penny has dropped (<https://groups.io/g/AAT/message/54558?>

[p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,880,64981436](https://groups.io/g/AAT/message/54558?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,880,64981436))

Elaine, Not an unseemly wrangle, more a lively debate, one that has drawn in more contributors than usual, and that in IMO ... is a welcome development. Long may it continue. ---m3d

By m3dodds · #54558 · 10/26/09

### Wading models of hominin bipedal origins - a key argument in favour of "AAH"

(<https://groups.io/g/AAT/message/54556?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,880,64981019>)

Marc, L.chiangmuanensis is perhaps possible ancestor for the orang-utans, one that probably bears no resemblance to extant orang-utans. It is claimed the fossil ape and its kin were killed by predator

By m3dodds · #54556 · 10/26/09

### Wading models of hominin bipedal origins - a key argument in favour of "AAH"

(<https://groups.io/g/AAT/message/54539?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,880,64981019>)

Marc, Think Po was perhaps a more inland, more highland species as the oldest fossil remains were from Thailand.

<http://news.bbc.co.uk/1/hi/sci/tech/2823245.stm> I assume some populations must have liv

By m3dodds · #54539 · 10/25/09

### Fresh Water is a Requirement (<https://groups.io/g/AAT/message/54537?>

[p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,880,64981222](https://groups.io/g/AAT/message/54537?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,880,64981222))

Falasha, One reason could be, there are more choices on the shore besides fish, like crustaceans and molluscs. And saltwater fish are more likely to contain more DHA, than their freshwater counterpart

By m3dodds · #54537 · 10/25/09

### Wading models of hominin bipedal origins - a key argument in favour of "AAH"

(<https://groups.io/g/AAT/message/54535?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,880,64981019>)

Morning Algis, Leaving wading out of the equation for a moment, isn't bipedalism much older where birds are concerned?

Macropods(kangaroos etc.) evolved their hopping bipedal gait for reasons similar

By m3dodds · #54535 · 10/25/09

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Fresh Water is a Requirement (<https://groups.io/g/AAT/message/54518?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,880,64981222)

Falasha, Sorry to hear you are still having problems. Have you tried signing in to the AAT homepage, an directly replying to a post?

<http://tech.groups.yahoo.com/group/AAT/> ----- Would n

By m3dodds · #54518 · 10/24/09

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Uniquely Human: A Gene for Speech (<https://groups.io/g/AAT/message/54517?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,880,64981371)

Humans may owe the gift of gab to a newly discovered gene that helps keeps vocal pipes limber. "Tospeak first appeared in primates, the researchers discovered by looking for the gene in a variety of s

By m3dodds · #54517 · 10/24/09

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Wading models of hominin bipedal origins - a key argument in favour of "AAH"

(<https://groups.io/g/AAT/message/54512?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,880,64981019>)

Marc, The second of those estimates, seems the more likely one, a date of 5 - 5.5 Mya for the H/P divergence, would place it at the end of the MSC (when the Med sea dried out) and more or less at the

By m3dodds · #54512 · 10/24/09

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Fresh Water is a Requirement (<https://groups.io/g/AAT/message/54508?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,880,64981222)

Falasha, Would agree that it is a little odd that the Nile is seldom mentioned in connection with Man's past other than in historical times. (the Levant gets considerably more mention) Even though the

By m3dodds · #54508 · 10/24/09

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Wading models of hominin bipedal origins - a key argument in favour of "AAH"

(<https://groups.io/g/AAT/message/54489?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,880,64981019>)

Marc, Yes, it is just an estimation. But one that likely occurred before the emergence of H.erectus ... agree? (This inactivation (+ jaw reduction) is likely to Agree. IMO seafood (shellfish?) diet se

By m3dodds · #54489 · 10/23/09

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Wading models of hominin bipedal origins - a key argument in favour of "AAH"

(<https://groups.io/g/AAT/message/54474?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,880,64981019>)

Elaine, One reason I favour a date between 3 and 2 Mya, is a change to the human jaw, the change that gave humans a much smaller jaw.

Said to have happened because of a gene mutation 2.4 Mya ... [http:](http://)

By m3dodds · #54474 · 10/23/09

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Fresh Water is a Requirement (<https://groups.io/g/AAT/message/54473?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,880,64981222)

Falasha, Perhaps because there have been several incarnations of the Nile river, one of which dried up for several hundred thousand years.

"The Nile system is traced back in time to the evaporation of

By m3dodds · #54473 · 10/23/09

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The Wading debate (<https://groups.io/g/AAT/message/54470?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,880,64981065)

Marc, Was thinking of apes that spent as much as a third and more of day regularly wading waist deep water. Think gorilla spends much less time wading, and is more an occasional wader. If gorilla were

By m3dodds · #54470 · 10/23/09

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The Wading debate (<https://groups.io/g/AAT/message/54469?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,880,64981065)

Algis, Almost all primates are capable of facultative bipedalism, monkeys will wade, walk bipedally through shallow water. They would do anyway. If shallow enough to wade through, they will walk throu

By m3dodds · #54469 · 10/23/09

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The Wading debate (<https://groups.io/g/AAT/message/54441?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,880,64981065)

The notion that an ape living in a swamp, would wade regularly is open to question ... If they still climbed, still foraged in the trees, they would simply take to the trees until the water went down

### Wading models of hominin bipedal origins - a key argument in favour of "AAH"

(<https://groups.io/g/AAT/message/54438?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,880,64981019>)

Elaine, Yes, and the the most likely time that Man was was more aquatic in the past, was the time our ancestors spent foraging on the shore and foreshore - most likely time for it to have happened wou

By m3dodds · #54438 · 10/22/09

### Wading models of hominin bipedal origins - a key argument in favour of "AAH"

(<https://groups.io/g/AAT/message/54408?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,880,64981019>)

Yes, used the refs. to download this morning a copy of their 1997 paper: A Hominoid Genus from the Early Miocene of Uganda Was not aware that Morto was gibbon like in terms of its body size (weight -

By m3dodds · #54408 · 10/22/09

### Wading models of hominin bipedal origins - a key argument in favour of "AAH"

(<https://groups.io/g/AAT/message/54407?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,880,64981019>)

Elaine, Yes, uncomfortable in any other position than to hold the spine in an upright position, though it should be noted too that the original position of the spine would have been an intermediate on

By m3dodds · #54407 · 10/22/09

### What Marc means. (<https://groups.io/g/AAT/message/54406?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,900,64980990)

Hello Stephen, Hope you will consider wading in more often, as I agree with you in saying that this has been an unresolved problem, for far too long. It needs to be resolved. Essentially Marc is corre

By m3dodds · #54406 · 10/22/09

### The Wading debate (<https://groups.io/g/AAT/message/54367?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,900,64981065)

Wading is just walking through water. Definition of wading: 1. [n] - walking with your feet in shallow water ---m3d

By m3dodds · #54367 · 10/21/09

### big feet. (<https://groups.io/g/AAT/message/54366?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,900,64980896)

Marc, Would agree the arboreal>aquaarboreal transition did had little to with wading. As to the possible date - perhaps 20 million years ago, or perhaps it was a factor in the ape/OWM split 23 Ma? One

By m3dodds · #54366 · 10/21/09

### Wading models of hominin bipedal origins - a key argument in favour of "AAH"

(<https://groups.io/g/AAT/message/54362?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,900,64981019>)

It was noted when Morto (Morotopithecus) was discovered, that it may have had what they called - the first appearance of a modern body-plan 20 million years ago. But, I am not sure anyone before Fille

By m3dodds · #54362 · 10/21/09

### Wading models of hominin bipedal origins - a key argument in favour of "AAH"

(<https://groups.io/g/AAT/message/54346?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,900,64981019>)

Being out of the forest, relying solely on our two feet to get us from a. to b. ... and swimming. ---m3d

By m3dodds · #54346 · 10/20/09

### Wading models of hominin bipedal origins - a key argument in favour of "AAH"

(<https://groups.io/g/AAT/message/54345?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,900,64981019>)

Being a forest animal, dependant on trees, arboreal ... ---m3d

By m3dodds · #54345 · 10/20/09

### big feet. (<https://groups.io/g/AAT/message/54344?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,900,64980896)

Marc, Would speculate the the P/H LCA was capable of a facultative bipedal gait - that apes have been facultative bipeds, ever since the adoption of a vertical spine (Fille/Morto) some 19 million yea

By m3dodds · #54344 · 10/20/09

### Wading models of hominin bipedal origins - a key argument in favour of "AAH"

(<https://groups.io/g/AAT/message/54341?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,900,64981019>)

Elaine, IMO the change Fille identified simply made apes more predisposed to bipedalism - not bipeds overnight. Perhaps as the apes spent increasingly more time on the ground in the forest, a mutatio

### Wading models of hominin bipedal origins - a key argument in favour of "AAH"

(<https://groups.io/g/AAT/message/54340?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,900,64981019>)

But, for mutations, "magical" or otherwise, we would not be here. Some will have no effect, some may prove fatal, some will result in a adaptive evolutionary change. ---m3d

By m3dodds · #54340 · 10/20/09

### Wading models of hominin bipedal origins - a key argument in favour of "AAH"

(<https://groups.io/g/AAT/message/54325?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,900,64981019>)

Would recommend you read his excellent book: The Upright Ape: A New Origin of the Species by Aaron G. Filler MD, PhD Book Review.Com: [http://www.bookreview.com/\\$spindb.query.listreview2.booknew.17726](http://www.bookreview.com/$spindb.query.listreview2.booknew.17726)

By m3dodds · #54325 · 10/19/09

### Wading models of hominin bipedal origins - a key argument in favour of "AAH"

(<https://groups.io/g/AAT/message/54323?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,900,64981019>)

An actual change to the spine, is a more convincing argument than speculations about walking through water - something most animals walking on four or two legs can do, and do. ---m3d

By m3dodds · #54323 · 10/19/09

### Wading models of hominin bipedal origins - a key argument in favour of "AAH"

(<https://groups.io/g/AAT/message/54322?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,900,64981019>)

1) Ardi, the woodland ape, gives the better insight into the world of A.ramidus. 2) Nor does it prove that walking through water (like any other animal) resulted in a bipedal gait. Monkeys, gorilla wa

By m3dodds · #54322 · 10/19/09

### Tiny amounts of selection are all Waterside Hypotheses need. ([https://groups.io/g/AAT/message/54319?](https://groups.io/g/AAT/message/54319?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,900,64981022)

[p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,900,64981022](https://groups.io/g/AAT/message/54319?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,900,64981022))

Macaques (monkeys) can wade, can wade upright, can swim, can swim underwater. ---m3d

By m3dodds · #54319 · 10/19/09

### Wading models of hominin bipedal origins - a key argument in favour of "AAH"

(<https://groups.io/g/AAT/message/54318?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,900,64981019>)

<http://www.uprightape.net/>

By m3dodds · #54318 · 10/19/09

### big feet. ([https://groups.io/g/AAT/message/54317?](https://groups.io/g/AAT/message/54317?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,900,64980896)

[p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,900,64980896](https://groups.io/g/AAT/message/54317?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,900,64980896))

Marc, Isn't that the way evolution usually works ... Lucy walked. Ardi walked upright in the woods, it is likely too that the LCA was a facultative biped in the forest, so it is reasonable to say that

By m3dodds · #54317 · 10/19/09

### Wading models of hominin bipedal origins - a key argument in favour of "AAH"

(<https://groups.io/g/AAT/message/54315?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,900,64981019>)

Better to be honest and say it has nothing to with AAT ... as bipedalism has its own origins, as Ardi clearly shows. ---m3d

By m3dodds · #54315 · 10/19/09

### Elaine's idee fixe ([https://groups.io/g/AAT/message/54302?](https://groups.io/g/AAT/message/54302?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,900,64980984)

[p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,900,64980984](https://groups.io/g/AAT/message/54302?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,900,64980984))

Not so sure it does, DD. Going by the illustration of hominid skulls, it appears the lower portion of the bone retreats backward, as the jaw continues to decrease in early to later Homo. In other word

By m3dodds · #54302 · 10/18/09

### Elaine's idee fixe ([https://groups.io/g/AAT/message/54295?](https://groups.io/g/AAT/message/54295?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,900,64980984)

[p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,900,64980984](https://groups.io/g/AAT/message/54295?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,900,64980984))

The external nose .... may be a little older than 2 million years. The Catarrhini (OWM) split from the Platyrrhini (NWM) possibly 35-40 million years ago. Apes an old world monkeys, have a narrow down

By m3dodds · #54295 · 10/17/09

### big feet. ([https://groups.io/g/AAT/message/54292?](https://groups.io/g/AAT/message/54292?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,900,64980896)

[p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,900,64980896](https://groups.io/g/AAT/message/54292?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,900,64980896))

Marc, Over the millions of years we (humans) have adapted our feet for standing and walking upright on the ground, we should not expect them to be 'perfectly designed' for the task they currently perf

By m3dodds · #54292 · 10/17/09

big feet. (<https://groups.io/g/AAT/message/54286?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,900,64980896)

For all their perceived faults, human feet are the feet we evolved to walk with and stand on. They were not designed. ---m3d

By m3dodds · #54286 · 10/16/09

big feet. (<https://groups.io/g/AAT/message/54289?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,920,64980896)

Our spine... Wading is just walking through water, something almost all animals can do, and do. ---m3d

By m3dodds · #54289 · 10/16/09

big feet. (<https://groups.io/g/AAT/message/54279?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,920,64980896)

Walking is just walking, whether through long grass or through water, it is what humans evolved to do on two feet. ---m3d In AAT@..., "williamabond" <wabond@> wrote:

By m3dodds · #54279 · 10/16/09

big feet. (<https://groups.io/g/AAT/message/54277?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,920,64980896)

Humans have the feet they evolved to walk and stand on. ---m3d In AAT@..., "williamabond" <wabond@...> wrote:

By m3dodds · #54277 · 10/16/09

Ardi at Pandas thumb (<https://groups.io/g/AAT/message/54261?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,920,64980917)

DD That would fit with what seems to have been the behaviour, of the Ardi - a leisurely trek, walking among the trees, foraging as they walked ... Any ideas of why, they would have stayed clear of the

By m3dodds · #54261 · 10/15/09

Ardi at Laelaps (<https://groups.io/g/AAT/message/54259?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,920,64980920)

Thanks,DD. The following quote from the blog, seems relevant to what some of us have been discussing of late, namely why hominids (not necessarily in the human lineage) became bipedal. "But why would

By m3dodds · #54259 · 10/15/09

John Hawks : Ardipithecus FAQ (<https://groups.io/g/AAT/message/54251?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,920,64980225)

Most would benefit from not pressing the UP button, even if it was to walk up just a short flight of stairs. Some might still climb up into fruit tree, but as you say these days its mostly browsing a

By m3dodds · #54251 · 10/15/09

New Directions in Palaeontology. big feet. (<https://groups.io/g/AAT/message/54243?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,920,64980822)

Disagree, humans do not have large feet in comparison to other animals, it is also meaningless comparison as the only plantigrade foot comparison that can be made is with a polar bear, but it is a muc

By m3dodds · #54243 · 10/15/09

New Directions in Palaeontology. big feet. (<https://groups.io/g/AAT/message/54241?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,920,64980822)

Humans do not hop and leap around like a kangaroo, nor do they walk on their toes or toenails like most quadrupeds. Why? What other mammal/primate are you making comparisons with? Humans are habitual

By m3dodds · #54241 · 10/15/09

Not so Unique Bipeds (<https://groups.io/g/AAT/message/54221?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,920,64980852)

"Roaches turn bipedal at top speeds, Full suspects, because running on six becomes counter-productive. Their legs, he notes, are moving back and forth 27 times a second, which is probably as fast as t

By m3dodds · #54221 · 10/14/09

John Hawks : Ardipithecus FAQ (<https://groups.io/g/AAT/message/54215?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,920,64980225)

Would agree tree climbing is almost rare among humans, yet other forms of climbing such as mountain climbing are popular... and a exceptional few individuals can climb unaided the sheer sides of a tal

By m3dodds · #54215 · 10/14/09

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New Directions in Palaeontology. (<https://groups.io/g/AAT/message/54213?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,920,64980518)

Not, so. Fossils, can tell us considerably more than mere speculations. Animals with four legs can walk through water, and do so, animals with two legs can walk through water, and do so. Gorillas wade

By m3dodds · #54213 · 10/14/09

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New Directions in Palaeontology. big feet. (<https://groups.io/g/AAT/message/54209?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,920,64980822)

Humans do do not have 'big feet' in comparison to other terrestrial species. Humans walk with their feet, walk on the foot, many other animals walk on just the toe of the foot (four, three, or two toe

By m3dodds · #54209 · 10/14/09

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New Directions in Palaeontology. (<https://groups.io/g/AAT/message/54200?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,920,64980518)

Would agree, with some of that... In the sense that 'aquatic' by definition is something that lives and grows in water - you are right - we are not aquatic. Mammalian adaptation to life in the seas is

By m3dodds · #54200 · 10/13/09

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New Directions in Palaeontology. (<https://groups.io/g/AAT/message/54185?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,920,64980518)

Correct. What has wading got to do with humans being relatively hairless, a reasonable swimmer and having SC fat? Otters have a dense coat of hair, and swim, polar bears have fur coat and swim... (gor

By m3dodds · #54185 · 10/13/09

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New Directions in Palaeontology. (<https://groups.io/g/AAT/message/54183?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,920,64980518)

Exactly they walked.... they were capable of walking, they were also capable of walking through water. Facultative bipedality is common in lizards, but it also occurs in primates, bears, insects and e

By m3dodds · #54183 · 10/13/09

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John Hawks : Ardipithecus FAQ (<https://groups.io/g/AAT/message/54178?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,920,64980225)

What about humans (bipedal apes), would you not say they are slow careful climbers? The Ardi still had grasping feet and big hands, so possibly they still climbed to browse in trees. Perhaps, or perha

By m3dodds · #54178 · 10/13/09

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OT: Our second moon (<https://groups.io/g/AAT/message/54177?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,920,64980746)

Hope they have got it right, and that lump of rock does head of into space...

By m3dodds · #54177 · 10/13/09

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Ardi at Pharyngula (<https://groups.io/g/AAT/message/54176?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,920,64980742)

Also a critique of US television judging by some of the comments. (is it true US networks have commercial breaks, every five minutes?) Isn't Pharyngula an anti-aquatic blogger... ---m3d

By m3dodds · #54176 · 10/13/09

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New Directions in Palaeontology. (<https://groups.io/g/AAT/message/54175?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,920,64980518)

Early Hominid First Walked On Two Legs In The Woods <http://www.sciencedaily.com/releases/2009/10/091008113341.htm> Wading had no role. ---m3d

By m3dodds · #54175 · 10/13/09

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John Hawks : Ardipithecus FAQ (<https://groups.io/g/AAT/message/54163?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,920,64980225)

More a slow careful climber, I'd say. Yes, it is claimed they used trees (tree trunks?) as a kind of support when walking upright. (a facilitative biped?) Perhaps, doing so by foraging on the banks of

By m3dodds · #54163 · 10/12/09

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John Hawks : Ardipithecus FAQ (<https://groups.io/g/AAT/message/54160?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,940,64980225)

DD There is a brief mention in one of the papers of teeth from crocodiles similar to extant Nile crocodiles.. There is also a brief mention also of turtles and shallow water fish species. But, most of

By m3dodds · #54160 · 10/12/09

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The meaning of Neandertal skeletal morphology (<https://groups.io/g/AAT/message/54155?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,940,64980715)

Abstract: A procedure is outlined for distinguishing among competing hypotheses for fossil morphology and then used to evaluate current views on the meaning of Neandertal skeletal morphology. Three ex

By m3dodds · #54155 · 10/12/09

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New Directions in Palaeontology. (<https://groups.io/g/AAT/message/54152?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,940,64980518)

IMO, it was simply, climbing+walking+swimming = habitual bipedalism (a habitual bipedal striding gait) Ancestral habitat, woodland, not a swamp. ---m3d "The carbon isotope ratios of the Ardipithecus t

By m3dodds · #54152 · 10/12/09

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ARC was Re: Laryngeal air sacs (<https://groups.io/g/AAT/message/54151?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,940,64979518)

Agree. However it is the jaw that has been significantly reduced in the human lineage, and humans are noted for a more flatter face than their ape kin. (the other apes are prognathic) Perhaps the cata

By m3dodds · #54151 · 10/12/09

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ARC was Re: Laryngeal air sacs (<https://groups.io/g/AAT/message/54134?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,940,64979518)

The catarrhini nose of a proboscis monkey, is a little exaggerated... (like an alcoholics nose) Human catarrhini noses are probably more prominent because humans have a somewhat "flatter faces" and a

By m3dodds · #54134 · 10/11/09

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ARC was Re: Laryngeal air sacs (<https://groups.io/g/AAT/message/54127?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,940,64979518)

DD How are you defining an external nose, all the Catarrhini effectively have external noses? Catarrhini means narrow nose, and the term also describes their narrow, downward pointing nostrils, it is

By m3dodds · #54127 · 10/11/09

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How We Lost Our Diversity (<https://groups.io/g/AAT/message/54112?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,940,64980631)

Garbage in, garbage out... ---m3d

By m3dodds · #54112 · 10/11/09

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New Directions in Palaeontology. (<https://groups.io/g/AAT/message/54110?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,940,64980518)

Elaine, Speaking for myself, I will say that I have not found anything your discussion in this tread with Marc that could be described as boring. Wittgenstein was a snob, an as for his dictum... "Wher

By m3dodds · #54110 · 10/11/09

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New Directions in Palaeontology. (<https://groups.io/g/AAT/message/54088?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,940,64980518)

What's so unusual about penguins wading? Penguins can wade... ---m3d

By m3dodds · #54088 · 10/10/09

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Swamp Apes or Riverine Woodland Apes? (<https://groups.io/g/AAT/message/54076?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,940,64980571)

"The carbon isotope ratios of the Ardipithecus teeth also tell the story of a woodland creature, he said. "The diet of the Ardipithecus is much more on the woodland and forest side," he said. "It's go

By m3dodds · #54076 · 10/10/09

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Wade through the ... (<https://groups.io/g/AAT/message/54061?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,940,64980470)

Heather, Swimming and diving in warm waters does make a lot more sense, more so if our shore ancestors were swimming and diving on a daily basis. As the human body does lose body heat a lot faster in

By m3dodds · #54061 · 10/09/09

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## Early Hominid First Walked On Two Legs In The Woods (<https://groups.io/g/AAT/message/54048?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,940,64980524)

Among the many surprises associated with the discovery of the oldest known, nearly complete skeleton of a hominid is the finding that this species took its first steps toward bipedalism not on the open

By m3dodds · #54048 · 10/09/09

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## Wade through the ... (<https://groups.io/g/AAT/message/54044?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,940,64980470)

Probably they would have done so for a period following the split with the ancestor of the chimpanzees. Perhaps habitat tracking their way across north Africa until the day they ended up on some distant

By m3dodds · #54044 · 10/09/09

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## Wade through the ... (<https://groups.io/g/AAT/message/54031?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,940,64980470)

To go for a swim, to go diving? Not a problem, wading in the surf, wading through the surf to reach deeper water... is just walking in water, walking through the water. Swimming and diving, are probably

By m3dodds · #54031 · 10/08/09

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## Wade through the ... (<https://groups.io/g/AAT/message/54025?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,940,64980470)

By m3dodds · #54025 · 10/08/09

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## Bipedalism, wading & swamps (<https://groups.io/g/AAT/message/54022?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,940,64980437)

Marc, Basically, the vertical spine (Morotop) made a number of more postures available to the apes, from swinging through the trees to simply sitting upright to eat a fruit to full on habitual bipedal

By m3dodds · #54022 · 10/08/09

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## Bipedalism, wading & swamps (<https://groups.io/g/AAT/message/54003?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,940,64980437)

There is no sudden change, it has long been accepted that bipedalism has origins of its own, unrelated to walking through water. See: The Upright Ape: A New Origin of the Species by Aaron G. Filler MD

By m3dodds · #54003 · 10/07/09

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## Bipedalism, wading & swamps (<https://groups.io/g/AAT/message/54002?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,940,64980437)

Elaine, Perhaps, perhaps not until we were a habitual biped. Yes, we both right on that. Wading through the surf, to reach deeper water, would be no different from wading through any other body of water

By m3dodds · #54002 · 10/07/09

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## Bipedalism, wading & swamps (<https://groups.io/g/AAT/message/53998?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,940,64980437)

Wading by definition, means walking, walking through a body of water. Walking from a. to b. through water. Either to get from one side of a body of water, to the other, or as in the case of gorilla wading

By m3dodds · #53998 · 10/07/09

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## Ardipithecus had Oreopithecus-like feet (<https://groups.io/g/AAT/message/53976?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,940,64980302)

Ardipithecus, a partially arboreal, facultative bipedal woodland omnivore. Probably not an ancestor of Homo. Ardipithecus ramidus ... translates, as ground ape, root of the ground apes. Data on Arami

By m3dodds · #53976 · 10/06/09

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## Ardipithecus had Oreopithecus-like feet (<https://groups.io/g/AAT/message/53962?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,960,64980302)

Partially arboreal, facultative bipedal woodland omnivores. ---m3d

By m3dodds · #53962 · 10/05/09

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## Meet "Ardi" (<https://groups.io/g/AAT/message/53947?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,960,64980199)

Marc, Agree, As even in the warmer wetter early Miocene, not all forests were swamps, not all tree species had a tolerance for a wet habitats. Yes, it was mainly these forests that shaped the evolution

By m3dodds · #53947 · 10/05/09

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Ardipithecus had Oreopithecus-like feet (<https://groups.io/g/AAT/message/53944?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,960,64980302)

Would agree both the foot of the Oreopithecus and that of the Ardipithecus did not evolve for much bipedal movement other than a slow shuffle between on tree, one shrub and another. It is a foot for s

By m3dodds · #53944 · 10/05/09

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Meet "Ardi" (<https://groups.io/g/AAT/message/53924?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,960,64980199)

Marc, The Miocene lasted almost 18 million years... Is it really plausible that the early apes, spent the entire Miocene in a swamp forest? (Miocene 23.03 to 5.33 Mya) These are mainly Pliocene/Pleist

By m3dodds · #53924 · 10/04/09

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Meet "Ardi" (<https://groups.io/g/AAT/message/53918?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,960,64980199)

Elaine, If habitual bipedalism is a Pliocene/Pleistocene adaption in the Human lineage, as opposed to a Miocene part-time bipedal gait in the apes in general, then perhaps a habitual bipedal gait is s

By m3dodds · #53918 · 10/04/09

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Ardipithecus had Oreopithecus-like feet (<https://groups.io/g/AAT/message/53917?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,960,64980302)

Had bird-like feet... like oreopithecus. Birds use theirs to grasp branches, when perching. Possibly ardipithecus and oreopithecus, used theirs to grasp branches (perch) in the trees, or stood on trip

By m3dodds · #53917 · 10/04/09

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Meet "Ardi" (<https://groups.io/g/AAT/message/53897?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,960,64980199)

Agree, Elaine. A habitual bipedal gait, is an terrestrial adaption for walking, for wading and feeding a part-time bipedal gait, as in some of the other apes, would probably suffice for an ape foragin

By m3dodds · #53897 · 10/03/09

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Hobbits may not have been human (Homo genus) (<https://groups.io/g/AAT/message/53887?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,960,64980210)

Would seem Peter Brown has changed his mind... But how did the floresiensis get the status of Homo, if their brain size is much smaller than that of a chimpanzee it would be well short of that, that w

By m3dodds · #53887 · 10/03/09

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A Mammalian Lost World: Iberia in the late Pliocene (<https://groups.io/g/AAT/message/53885?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,960,64980238)

How did they reach Iberia, did they swim the straits of Gibraltar or walk across from Africa ... 1.8 million years ago ... H.erectus emerged in east Africa. Did some of them also make the trip across

By m3dodds · #53885 · 10/03/09

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Meet "Ardi" (<https://groups.io/g/AAT/message/53883?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,960,64980199)

Elaine, A knuckle-walking, or palm-walking, ancestry is usually the reason given by some as to why standing up on two legs to wade, led to a bipedal gait in the Human line. But why should it, the ever

By m3dodds · #53883 · 10/03/09

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John Hawks : Ardipithecus FAQ (<https://groups.io/g/AAT/message/53876?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,960,64980225)

John Hawks, on the Ardipithecus, and how it changes things in anthropology and our understanding of how we evolved ... John Hawks. Blog: <http://johnhawks.net/weblog/fossils/ardipithecus/ardipithecus-f>

By m3dodds · #53876 · 10/03/09

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Meet "Ardi" (<https://groups.io/g/AAT/message/53870?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,960,64980199)

Marc, Considering the length of the Miocene alone, in millions of years, it is reasonable that apes at some time dwelt in swamp forest, and equally believable they did not for considerable periods of

By m3dodds · #53870 · 10/02/09

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Carl Zimmer on Ardip (<https://groups.io/g/AAT/message/53869?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,960,64980213)

Yes, seems everything they dig up is assumed to be an ancestor of Homo, unless they can't force it to fit somewhere into the Homo lineage.  
With its long arms, its short legs, its hands down at its knee  
By m3dodds · #53869 · 10/02/09

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Meet "Ardi" (<https://groups.io/g/AAT/message/53862?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,960,64980199)

Marc, That's a highly unlikely scenario, as from the authors description of its habitat it was anything but a wader in swamps, as it did not inhabit swamp forest, or anything remotely like wet forest.

By m3dodds · #53862 · 10/02/09

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Ancient Skeleton May Rewrite Earliest Chapter of Human Evolution (<https://groups.io/g/AAT/message/53861?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,960,64980191)

More on Ardipithecus, is now available: [PDF]Ardipithecus ramidus and the Paleobiology of Early Hominids [PDF]The Geological, Isotopic, Botanical, Invertebrate, and Lower Vertebrate Surroundings of Ar

By m3dodds · #53861 · 10/02/09

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Ancient Skeleton May Rewrite Earliest Chapter of Human Evolution (<https://groups.io/g/AAT/message/53858?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,960,64980191)

There are two free PDFs now available, online extras with more info on this "new" 1994 discovery... [PDF] The View from Afar. [PDF] A New Kind of Ancestor: Ardipithecus Unveiled <http://www.sciencemag>.

By m3dodds · #53858 · 10/01/09

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Ancient Skeleton May Rewrite Earliest Chapter of Human Evolution (<https://groups.io/g/AAT/message/53857?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,960,64980191)

"Researchers have unveiled the oldest known skeleton of a putative human ancestor--and it is full of surprises. Although the creature, named Ardipithecus ramidus, had a brain and body the size of a ch

By m3dodds · #53857 · 10/01/09

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Jose Joordens' paper on He & shellfish (<https://groups.io/g/AAT/message/53855?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,960,64980172)

Marc, They would be outside the present variation range of Hss, as they represent a much older species of Homo. One which the present lineage likely split from more than a million years ago. (they wer

By m3dodds · #53855 · 10/01/09

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Jose Joordens' paper on He & shellfish (<https://groups.io/g/AAT/message/53852?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,960,64980172)

Marc, As always John Hawks, has written another insightful and thought provoking blog... But, leaving aside for a moment the particular hitch he has highlighted, there is another more interesting ques

By m3dodds · #53852 · 9/30/09

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Swamp Tiger in Feeding Frenzy... (<https://groups.io/g/AAT/message/53844?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,960,64980148)

Feasible, humans are bipeds have smaller mouths, flatter faces - making diving somewhat simpler, than it is for a tiger. On the other hand those tigers in the videos showed no distress in being underw

By m3dodds · #53844 · 9/29/09

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Swamp Tiger in Feeding Frenzy... (<https://groups.io/g/AAT/message/53841?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,980,64980148)

Yes small cats, domestic cats are not keen on getting wet, but there larger kin like the tiger - seems to thrive on it... Would disagree on the "expression" on their faces, its nothing more than the u

By m3dodds · #53841 · 9/29/09

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Swamp Tiger in Feeding Frenzy... (<https://groups.io/g/AAT/message/53835?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,980,64980148)

A series of extraordinary photos show a rare white tiger lunging into water at feeding time to fight for food. Some stunningly beautiful photos of a Bengal tiger .... a tiger who's hunting ground is m

By m3dodds · #53835 · 9/28/09

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Laetoli footprints have no exclusively human features (Re: Re: Gibbon locomotion.

(<https://groups.io/g/AAT/message/53832?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,980,64980137>)

Were they the footprints, of a direct human ancestor... Were human ancestors in Africa between 4 and 3 million years ago...

<http://www.modernhumanorigins.net/hominids/laetolifoot2.jpg> The lack of clea

By m3dodds · #53832 · 9/27/09

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FW: Re: Gibbon locomotion. (<https://groups.io/g/AAT/message/53829?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,980,64980125)

Marc, A better comparison could be with bears, as horses, are not plantigrade. Horses have evolved to run on open grassland, humans to walk anywhere on their feet. (the sea - polar - bear is also an e

By m3dodds · #53829 · 9/27/09

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Gibbon locomotion. (<https://groups.io/g/AAT/message/53828?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,980,64980120)

Possibly on the smaller branches, but in the videos I have seen they appear to run bipedally along a branch... effortlessly at quite a pace, so its hard to judge if they are gripping with the foot as

By m3dodds · #53828 · 9/27/09

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Gibbon locomotion. (<https://groups.io/g/AAT/message/53823?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,980,64980120)

Elaine, Gibbons have been both observed and filmed walking with a bipedal gait on the ground. (they also run with a bipedal gait along tree branches when moving fast through the forest canopy - also w

By m3dodds · #53823 · 9/26/09

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Bipedalism (<https://groups.io/g/AAT/message/53821?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,980,64980083)

Would think the savanna hypotheses, dealing with the origins of bipedalism has been abandoned by most scientists. Notions that we stood up to see over long grass, free the hands to use tools etc ... a

By m3dodds · #53821 · 9/26/09

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Bipedalism (<https://groups.io/g/AAT/message/53817?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,980,64980083)

A first theory abandoned... bipedalism would have been brought about by the environment. A second theory : bipedalism is nothing new ! A new theory : original bipedalism. Against the current of common

By m3dodds · #53817 · 9/26/09

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Evolution is One way - Irreversible (it has no reverse gear) (<https://groups.io/g/AAT/message/53802?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,980,64980063)

Theses are not reversals, they are as you say atavistic features. "genes preserved in the DNA but not expressed in the organism" [atavism] ... Mistakes are made, even in the natural world, if there we

By m3dodds · #53802 · 9/25/09

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Implications (<https://groups.io/g/AAT/message/53795?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,980,64979802)

Agree a better picture is needed, particularly as this was the period in our evolution that Man was likely to have been more aquatic. Possibly a prolonged period foraging on the bank, the shore, the b

By m3dodds · #53795 · 9/24/09

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Evolution is One way - Irreversible (it has no reverse gear) (<https://groups.io/g/AAT/message/53790?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,980,64980063)

A University of Oregon research team has found that evolution can never go backwards, because the paths to the genes once present in our ancestors are forever blocked. The findings -- the result of th

By m3dodds · #53790 · 9/24/09

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Implications (<https://groups.io/g/AAT/message/53775?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,980,64979802)

The other apes, chimpanzee an to a certain extent gorilla have largely remained animals of the forest... so perhaps the gaits they have each evolved independently over millions of years are suffice to

By m3dodds · #53775 · 9/23/09

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Implications (<https://groups.io/g/AAT/message/53773?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,980,64979802)

Elaine, Resorted to it? Why would we resort to it, bipedalism is as natural as breathing... it is how we evolved to get from a. to b. on the ground. Wading, is just walking through water that is deep

By m3dodds · #53773 · 9/23/09

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Bipedal Humans Came Down From The Trees (<https://groups.io/g/AAT/message/53763?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,980,64979997)

A detailed examination of the wrist bones of several primate species challenges the notion that humans evolved their two-legged upright walking style from a knuckle-walking ancestor. The same lines of  
By m3dodds · #53763 · 9/23/09

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Implications (<https://groups.io/g/AAT/message/53762?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,980,64979802)

Wading has nothing to do with a bipedal gait... Wading is not restricted to bipedal humans, animals with four legs can wade, and do, birds can wade, and do. ---m3d ----- original message ----- I

By m3dodds · #53762 · 9/23/09

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Function of laryngeal sacs. (<https://groups.io/g/AAT/message/53746?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,980,64979850)

Elaine/Stephen These definitions of "aquarboreal" could equally apply to present day gorilla and perhaps the orang-utans ... Gorilla wades in water, gorilla has been observed wading in waist deep water

By m3dodds · #53746 · 9/22/09

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night vision (<https://groups.io/g/AAT/message/53741?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,980,64979944)

Marc, All apes are diurnal, like being tailless it is a common trait all apes share. Not only are humans diurnal, they are virtually defenseless while asleep and they sleep for hours at a time. Not go

By m3dodds · #53741 · 9/21/09

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Human - Uniquely Human (<https://groups.io/g/AAT/message/53740?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,980,64979926)

Can never understand those who continue to claim chimpanzees and humans are close kin, arguing we share 98/99% of our genes with chimpanzees when it has been known for some time that the real figure is

By m3dodds · #53740 · 9/21/09

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Human - Uniquely Human (<https://groups.io/g/AAT/message/53730?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,980,64979926)

Humans and chimpanzees are genetically very similar, yet it is not difficult to identify the many ways in which we are clearly distinct from chimps. In a study published online in Genome Research, sci

By m3dodds · #53730 · 9/20/09

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Asiatic origin for anthropoids? (<https://groups.io/g/AAT/message/53729?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,980,64979923)

Well-preserved craniodental fossil remains from two primate species have been discovered during excavations at an Algerian site. They reveal that the small primate Algeripithecus, which is 50 million

By m3dodds · #53729 · 9/20/09

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Macaques Swimming/Feeding Underwater (<https://groups.io/g/AAT/message/53725?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1000,64979885)

2 stars seems fair for aquatic newbies. Or perhaps 3 stars for macaques, since they somewhat smaller than we are, have smaller lungs and can only hold their breath for about 30 seconds. ---m3d

By m3dodds · #53725 · 9/20/09

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Macaques Swimming/Feeding Underwater (<https://groups.io/g/AAT/message/53720?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1000,64979885)

Marc, Our more aquatic ancestors - were likely to have been large bodied upright bipeds. Whereas macaques today are still largely arboreal and small bodied (some are tailless, but most have a tail) an

By m3dodds · #53720 · 9/19/09

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Why are we the naked ape? by Elaine Morgan (<https://groups.io/g/AAT/message/53718?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1000,64979883)

If anyone has been on a Mediterranean beach recently, they will have noticed that the human animal is anything but hairless... I note also this article is included in the New Scientist special issue on S

By m3dodds · #53718 · 9/19/09

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Macaques Swimming/Feeding Underwater (<https://groups.io/g/AAT/message/53714?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1000,64979885)

YouTube (BBC) video of macaques diving, swimming underwater, feeding underwater. Sitting, wading in the water...

<http://www.youtube.com/watch?v=aVrqzuV9h20> ---m3d

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### Miocene Dispersal of the Apes (<https://groups.io/g/AAT/message/53708?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1000,64979867)

[quote] Environments indicated for the African sites are mixtures of seasonal woodlands with some forest vegetation. The postcrania of both African taxa again indicate generalized arboreal adaptation

By m3dodds · #53708 · 9/19/09

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### Reliance on a Questionable Clock (<https://groups.io/g/AAT/message/53699?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1000,64979845)

'Sir, can I just ask you whether this confidence in your conclusions may not be misplaced; your analysis is based on a single genetic marker, which comprises genes with a central role in metabolism an

By m3dodds · #53699 · 9/18/09

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### Neanderthals in Iberia, cooking fish and veg ? (<https://groups.io/g/AAT/message/53697?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1000,64979838)

"Julien at A Very Remote Period Indeed has posted a brief note on what looks to be a very important discovery from southern Spain,ALCOY muro where archaeologists investigating Neanderthal occupation I

By m3dodds · #53697 · 9/17/09

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### Implications (<https://groups.io/g/AAT/message/53691?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1000,64979802)

Elaine, Two stages are conceivable, but the first is IMO largely irrelevant as it is likely in the middle Miocene, apes would have encountered 'flooded' forests as part of their natural habit, as they

By m3dodds · #53691 · 9/16/09

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### Fluid spheres: Bubbles & waterballs (<https://groups.io/g/AAT/message/53683?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1000,64979745)

The temperatures and pressures involved the nearer you get to the centre, plus the existence of a magnetic field, would seem to shift the odds in favour of there being a solid core. But until someone

By m3dodds · #53683 · 9/15/09

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### Convergence (<https://groups.io/g/AAT/message/53682?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1000,64979756)

Am not so certain on the size factor, polar bears, the sea bears have a thick coat of fur, an adult male can weigh in 700 kg and can reach 3 meters in length/height ... an are excellent swimmers, ar

By m3dodds · #53682 · 9/15/09

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### Convergence (<https://groups.io/g/AAT/message/53677?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1000,64979756)

Not all mammals that dive part-time like Man are hairless, the more successful ones that do, otters, have thick coats of fur... so thick/dense... water seldom touches the skin. The polar bear, the sea

By m3dodds · #53677 · 9/15/09

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### Tail reduction in some macaques (<https://groups.io/g/AAT/message/53675?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1000,64979754)

As you say there are parallels, tail loss, tail reduction in some monkeys perhaps parallels the locomotion and posture changes that led to the emergence of the Apes... some 23 million years ago. Frogs

By m3dodds · #53675 · 9/15/09

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### Fluid spheres: Bubbles & waterballs (<https://groups.io/g/AAT/message/53658?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1000,64979745)

It is thought to be more like a solid sphere, roughly the size of the Moon, encased in liquid metal. (an its hot, hotter than the surface of the Sun, down there - around 6000 degrees Centigrade) ---m3

By m3dodds · #53658 · 9/14/09

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### ARC was Re: Laryngeal air sacs (<https://groups.io/g/AAT/message/53657?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1000,64979518)

at all. at all, unlike all monkeys AFAIK. > In the Barbary macaques it appears the bones do not even extend into the vestigial remnant of the tail... (but other macaque species in Asia, have tails lon

By m3dodds · #53657 · 9/14/09

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### ARC was Re: Laryngeal air sacs (<https://groups.io/g/AAT/message/53652?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1000,64979518)

Yes tailless, as the report from the Chicago Fields Museum says .... Caudal Vertebrae. "Reduction in number of caudal vertebrae in M. sylvanus apparently exceeds that in humans, where the modal number  
By m3dodds · #53652 · 9/13/09

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ARC was Re: Laryngeal air sacs (<https://groups.io/g/AAT/message/53647?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1000,64979518)

Barbary monkeys have not been domesticated anywhere near to the point where human intervention has shaped their form like dogs. Aside from which they are also tailless in the wild, in their native hab  
By m3dodds · #53647 · 9/13/09

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ARC was Re: Laryngeal air sacs (<https://groups.io/g/AAT/message/53645?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1000,64979518)

It has, lost its tail. Barbary monkeys are defined as a tailless species... Barbary Macaques. Description: This species' alternative names, the Barbary ape or rock ape are misleading; for though it la  
By m3dodds · #53645 · 9/13/09

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ARC was Re: Laryngeal air sacs (<https://groups.io/g/AAT/message/53632?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1000,64979518)

How did the Barbary monkey (macaque) lose its tail? They are far closer to apes than frogs... and have more in common with apes. They sit upright like a human, they are a mainly terrestrial monkey spe  
By m3dodds · #53632 · 9/12/09

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34ka: Flax fibers at Dzudzuana cave, Georgia (<https://groups.io/g/AAT/message/53631?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1000,64979688)

The Caucasus, Georgia, Dmanisi could have been one end of a trade route stretching across Asia to what is now Mongolia and China. (though the climate, would have been on the cool side) With its pale b  
By m3dodds · #53631 · 9/12/09

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Georgia: Oldest human used flax fibers discovered (<https://groups.io/g/AAT/message/53618?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1000,64979664)

"Flax fibers could have been used for warmth and mobility; for rope, baskets, or shoes CAMBRIDGE, Mass. – A team of archaeologists and paleobiologists has discovered flax fibers that are more than 34,  
By m3dodds · #53618 · 9/11/09

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H.georgicus (<https://groups.io/g/AAT/message/53601?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1020,64979630)

Marc, Short legs are inefficient, particularly for bipedal locomotion. (walking or running) The fact that Hg had longer legs than the A'piths is intriguing, did He have an Asian, Eurasian ancestor. Wo  
By m3dodds · #53601 · 9/10/09

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Hominoid/Simia skeleton/hallux (<https://groups.io/g/AAT/message/53588?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1020,64979582)

Not so sure we can say that DD, human youngsters still like climbing and scrambling about in trees... Aside from which the human foot has changed somewhat since our remote ancestors millions of years  
By m3dodds · #53588 · 9/09/09

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Skeletons discovered in Georgia may overturn the theory of Human Evolution

(<https://groups.io/g/AAT/message/53585?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1020,64979590>)

:-D .... Marc, 1.8 million years ago, could easily be said to indicate they originated somewhere outside of Africa an were heading for Africa. --- m3d " "The story begins in Georgia. It was always thou  
By m3dodds · #53585 · 9/09/09

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Hominoid/Simia skeleton/hallux (<https://groups.io/g/AAT/message/53583?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1020,64979582)

Thanks, DD, it's a good article on primate origins, an a good insight into the origin of the apes. Would seem the OWM and the ancestor of the Apes split at the end of the Oligocene (23 Mya) and tail w  
By m3dodds · #53583 · 9/09/09

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Skeletons discovered in Georgia may overturn the theory of Human Evolution

(<https://groups.io/g/AAT/message/53580?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1020,64979590>)

For generations, scientists have believed Africa was the cradle of mankind. Now an astonishing discovery suggests the human race may have

spent a 'gap year' in Eurasia. Archaeologists have unearthed s  
By m3dodds · #53580 · 9/09/09

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Chimpanzees Infected Humans with Malaria (<https://groups.io/g/AAT/message/53569?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1020,64979567)

"Malaria, which affects some 500 million people a year worldwide, was first transmitted to humans by chimpanzees, according to a US study. The origins of mosquito-carried malaria has long been unclear

By m3dodds · #53569 · 9/08/09

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"Humans" spread out of Africa later, an other nonsense... (<https://groups.io/g/AAT/message/53551?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1020,64979530)

Scientists, including the Natural History Museum's human origins expert Professor Chris Stringer, re-examined how scientists get dates for key events in human evolutionary history. They did this by fi

By m3dodds · #53551 · 9/07/09

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Vertebrate tails. (<https://groups.io/g/AAT/message/53542?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1020,64979290)

Elaine, That seems to be the case, as DD mentions in a post on Barbary monkeys (from 2006) that I have been reading that they were reintroduced during the war years (WW.II) for reasons of moral... See

By m3dodds · #53542 · 9/06/09

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Vertebrate tails. (<https://groups.io/g/AAT/message/53540?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1020,64979290)

Yes c 23 Ma, the end of the Oligocene. An earlier divergence is unlikely, as is a date of 7 Ma for the P/H divergence. (Sahelanthr H? ... improbable) ---m3d \_\_\_\_\_ original message -----

By m3dodds · #53540 · 9/06/09

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Vertebrate tails. (<https://groups.io/g/AAT/message/53538?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1020,64979290)

Yes, though they are only native to temperate forests of Algeria and Morocco. The present population in Gibraltar is thought to date from WW.II ... ---m3d [Non-text portions of this message have been

By m3dodds · #53538 · 9/06/09

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Comments on: Fitch & Hauser (<https://groups.io/g/AAT/message/53535?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1020,64979430)

I was only able to find one mention of the lung volume in apes, it was for an adult chimpanzee (weighing 40 kg), it gave a figure of just one liter. (which seems a little on the low side - when you co

By m3dodds · #53535 · 9/06/09

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Vertebrate tails. (<https://groups.io/g/AAT/message/53534?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1020,64979290)

Marc Unless fossil evidence is found, I would agree it is not possible to put a precise date on the OWM/ape split. Perhaps the most we can say, is at the end of the Oligocene the ancestor of the apes

By m3dodds · #53534 · 9/06/09

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Vertebrate tails. (<https://groups.io/g/AAT/message/53510?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1020,64979290)

Marc, Wouldn't that mean that of the possible ancestors of the apes, only the tailless ancestors survived? As to the date for the split, perhaps around 24 million years, or at the end of or just before

By m3dodds · #53510 · 9/05/09

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Comments on: Fitch & Hauser (<https://groups.io/g/AAT/message/53509?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1020,64979430)

--- In AAT@..., "alas\_my\_loves" <alas\_my\_loves@...> wrote: What is the lung volume of gorilla and orangutan.... if their 'air-sacs' are inflated with exhaled air from their lungs. In health

By m3dodds · #53509 · 9/05/09

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Acheulian in Europe: earlier? (<https://groups.io/g/AAT/message/53488?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1020,64979352)

A million plus years carving over and over again with little change, the same stone tools! Doesn't say much for the abilities of H.erectus. (stone age "technology" - only advancing with the arrival of

By m3dodds · #53488 · 9/04/09

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Vertebrate tails. (<https://groups.io/g/AAT/message/53482?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1020,64979290)

Marc, Perhaps "the" rather than "a" is more accurate. ("a common ancestor" - is not specific) OWM/NWM split about 40 million years ago, with the ape ancestor splitting from the monkeys around 24-25 My

By m3dodds · #53482 · 9/04/09

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Vertebrate tails. (<https://groups.io/g/AAT/message/53481?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1020,64979290)

When frog eggs hatch, they emerge as tadpoles. Tadpoles have tails and gills. Tadpoles swim, eat. At around six, seven weeks they start to lose their tails as their legs sprout, at around twelve weeks

By m3dodds · #53481 · 9/04/09

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Vertebrate tails. (<https://groups.io/g/AAT/message/53456?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1020,64979290)

Marc, Yes, a common ancestor in the early Miocene, from which apes were to split to evolve as a deep forest animal, leaving the majority of the ancestral forest to edge-of-forest monkeys ... Apes flou

By m3dodds · #53456 · 9/03/09

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Vertebrate tails. (<https://groups.io/g/AAT/message/53455?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1020,64979290)

The platyrrhini (the ones with wide flat noses) and the catarrhini (narrow long noses) split about 40 Mya years ago. A lot has happened in the last 40 million years, on both sides of the Atlantic. --

By m3dodds · #53455 · 9/03/09

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Vertebrate tails. (<https://groups.io/g/AAT/message/53439?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1020,64979290)

Aren't the atelids (atelidae) of the platyrrhini? Monkeys (NWM) who's ancestors split off from the catarrhini long before there were apes. --- m3d

By m3dodds · #53439 · 9/02/09

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Vertebrate tails. (<https://groups.io/g/AAT/message/53432?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1040,64979290)

--- In AAT@..., "Elaine Morgan" <elaine@...> wrote: Perhaps, it is more accurate to say ... it was the common ancestor of the apes that lost its tail. Locomotion (brachiation) IMO, is perh

By m3dodds · #53432 · 9/02/09

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Larynx and Laryngeal air sacs (<https://groups.io/g/AAT/message/53430?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1040,64979232)

Elaine, With all that fibre in their diet, you would think they would have few problems. But, it seems some chimpanzees do get constipation and some at least know how to relieve it! [quote] "She was a

By m3dodds · #53430 · 9/02/09

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Larynx and Laryngeal air sacs (<https://groups.io/g/AAT/message/53427?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1040,64979232)

Thanks, Elaine. Exertion and arm-hanging are two reasons, but the body has other reasons too, it is required in child-birth an at least one other bodily function. Perhaps both gibbons and humans (Homo

By m3dodds · #53427 · 9/02/09

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Larynx and Laryngeal air sacs (<https://groups.io/g/AAT/message/53401?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1040,64979232)

Elaine, Howler monkey's are a good example, you don't need air sacs to make a lot of noise. It is said in howler monkeys their large hyoid bone is completely ossified and fused to a bony larynx, to ma

By m3dodds · #53401 · 9/01/09

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Larynx and Laryngeal air sacs (<https://groups.io/g/AAT/message/53398?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1040,64979232)

In H.M. Tucker's book on the larynx... [The Larynx] it mentions in the section on the Physiology of the Larynx... that air sacs primary role was that of a valve preventing the release of subglottic ai

By m3dodds · #53398 · 9/01/09

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ORANGUTANS: Wading & Swimming (<https://groups.io/g/AAT/message/53380?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1040,64979177)

Yes, he/she seems to be in deep water. He/she also appears to be pushing something along in front of him/her. If you want to know more about the guy (Ardiles Rante) who took the photos you will find i  
By m3dodds · #53380 · 8/30/09

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ORANGUTANS: Wading & Swimming (<https://groups.io/g/AAT/message/53375?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1040,64979177)

Would agree, Marc. Being tailless swingers, does have some advantages. As does being relatively hairless, judging by the look of our drookit friend in the first picture. In the second picture, where h

By m3dodds · #53375 · 8/30/09

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ORANGUTANS: Wading & Swimming (<https://groups.io/g/AAT/message/53370?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1040,64979177)

Photos of drookit, wading an apparently swimming ORANGUTANS: <http://www.mailonsunday.co.uk/news/worldnews/article-1191565/Pictured-The-orangutans-overcame-fear-water-crocodiles-swim-search-food.html> J

By m3dodds · #53370 · 8/30/09

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The way I see it (<https://groups.io/g/AAT/message/53367?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1040,64978999)

Elaine, Yes it mainly concerns H.erectus possibly exploiting aquatic sources, in Java Indonesia. Whereas IMO our more aquatic ancestor would more likely have been on the shore sometime in the Pliocene

By m3dodds · #53367 · 8/30/09

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Jose Joordens (Re: Joorgens paper on early hominoids (<https://groups.io/g/AAT/message/53336?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1040,64979086)

Certainly long after tail-loss, as tail loss as such probably goes back to the time of origins of the apes. The 'loss' was perhaps a feature of apes, related to the way apes moved. (swung through the

By m3dodds · #53336 · 8/29/09

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Tail & lordosis (<https://groups.io/g/AAT/message/53335?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1040,64979076)

The reason I asked was that both words seem to relate more to the world of engineering, as in hydraulics, than to plants an biology. An the dictionary definition of the word, is usually ... Hydrostati

By m3dodds · #53335 · 8/29/09

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Tail & lordosis (<https://groups.io/g/AAT/message/53332?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1040,64979076)

--- In AAT@..., "alas\_my\_loves" <alas\_my\_loves@...> wrote: DD, What is it are you referring too, meaning, by your use of the word ... hydrostatic, as in "hydrostatic AHV foraging" Hydrosta

By m3dodds · #53332 · 8/29/09

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Jose Joordens (Re: Joorgens paper on early hominoids (<https://groups.io/g/AAT/message/53331?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1040,64979086)

Thanks, Marc. While it only relates to possible consumption of aquatic sourced foods by H.erectus, not our shore based earlier ancestors, it is an excellent paper. ---m3d

By m3dodds · #53331 · 8/29/09

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The way I see it (<https://groups.io/g/AAT/message/53317?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1040,64978999)

Elaine, Do you mean this paper in JHE (August 2009)? Relevance of aquatic environments for hominins: a case study from Trinil (Java, Indonesia) JCA Joordens, FP Wesselingh, J de Vos, HB Vonhof & D Kro

By m3dodds · #53317 · 8/28/09

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Way out of Africa (<https://groups.io/g/AAT/message/53308?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1040,64978775)

That could be the reaction of someone who has just found out that the savanna hypotheses is freakin' nonsense... ---m3d

By m3dodds · #53308 · 8/28/09

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The way I see it (<https://groups.io/g/AAT/message/53307?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1040,64978999)

Elaine (IMO) \*sit-floating\* or sink-floating in swamps, is an idea I find entirely unconvincing, the likely instinctive reaction of any animal finding itself sinking in a swamp would be sheer panic. I

By m3dodds · #53307 · 8/28/09

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Question (<https://groups.io/g/AAT/message/53282?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1040,64978897)

DD, there are only two forces involved ... gravity and buoyancy. (gravity and water) vegetation is irrelevant. Archimedes' principle: [a] A human body will float if the buoyancy is positive. (body wei

By m3dodds · #53282 · 8/27/09

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Question (<https://groups.io/g/AAT/message/53259?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1040,64978897)

Squat-sitting to eat, would be more preferable than sitting directly on damp/wet ground. By the way, the most comfortable sitting posture is not the 90 degree upright position, but a laid back 135 deg

By m3dodds · #53259 · 8/26/09

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Key Part of Vitamin D: Uniquely Conserved in Primates/Humans (<https://groups.io/g/AAT/message/53244?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1040,64978900)

DD, It would seem they are saying adequate Vit.D makes the body's innate immune response more effective, while preventing the adaptive immune system going into overdrive... and doing more damage than

By m3dodds · #53244 · 8/25/09

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Key Part of Vitamin D: Uniquely Conserved in Primates/Humans (<https://groups.io/g/AAT/message/53238?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1040,64978900)

A new study has concluded that one key part of the immune system, the ability of vitamin D to regulate anti-bactericidal proteins, is so important that it has been conserved through almost 60 million

By m3dodds · #53238 · 8/25/09

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Hn vs Hs diet (<https://groups.io/g/AAT/message/53222?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1060,64978851)

Agree,DD. An waterside ambush and the odd convenient cliff may explain why horse and bovines featured so heavily in their prey. It is argued in the paper that horse and bovines featured heavily in the

By m3dodds · #53222 · 8/24/09

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Hn vs Hs diet (<https://groups.io/g/AAT/message/53219?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1060,64978851)

Thanks, DD. This PNAS paper more or less confirms that of the two Hs was more of an opportunist omnivore than Hn. For Hn other ways of foraging seem to have been secondary to big game hunts. For Hn eat

By m3dodds · #53219 · 8/24/09

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Sr (<https://groups.io/g/AAT/message/53196?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1060,64978771)

Incidentally, the (Sr) differences between freshwater and saltwater are: Freshwater: 0.08 parts per million. Saltwater: 8.1 ppm ---m3d

By m3dodds · #53196 · 8/23/09

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Hn & PTC (<https://groups.io/g/AAT/message/53195?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1060,64978535)

Back off, extinct Moa. Leaf color and shape may defend a New Zealand tree species from a long-gone giant bird

[http://www.sciencenews.org/view/generic/id/46591/title/Back\\_off%2C\\_extinct\\_moa](http://www.sciencenews.org/view/generic/id/46591/title/Back_off%2C_extinct_moa) The trees i

By m3dodds · #53195 · 8/23/09

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Sr (<https://groups.io/g/AAT/message/53189?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1060,64978771)

Marc, Strontium one of the most abundant elements on Earth, the average human body contains 320 mg. It is also the most abundant trace element in seawater at 8.1 parts per million. It concentrates in

By m3dodds · #53189 · 8/23/09

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Littoral Man (Re: NNH: Another blogger debunks Elaine Morgan's Aquatic Ape

(<https://groups.io/g/AAT/message/53177?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1060,64978755>)

--- In AAT@..., Marc Verhaegen <m\_verhaegen@...> wrote: Marc With the 'savanna' hypotheses long dead in the water, they appear to be attempting to use the origins of bipedalism to construc

By m3dodds · #53177 · 8/22/09

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Hn & PTC (<https://groups.io/g/AAT/message/53176?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1060,64978535)

Isotopic studies are said to give credence to the argument they ate more big game than Hs (not modern Man, modern Man being Hss) and

the rodeo type injuries from close up encounters with big game. The  
By m3dodds · #53176 · 8/22/09

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Finally a replacement for the 'savanna' hypotheses? ([https://groups.io/g/AAT/message/53163?](https://groups.io/g/AAT/message/53163)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1060,64978729)

Have been reading C.Brewsters attempt at refuting what Elaine Morgan had to say in her TED video... About the only bit of any interest, was this: "Does she not read the anthropological literature or d

By m3dodds · #53163 · 8/21/09

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Hn & PTC ([https://groups.io/g/AAT/message/53159?](https://groups.io/g/AAT/message/53159)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1060,64978535)

Perhaps carnivores are only faced with the taste difference between what is fresh kill and what was killed days earlier. Whereas herbivores need to know what is safe and what is not safe among a wide

By m3dodds · #53159 · 8/21/09

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On drinking saltwater at seashores ([https://groups.io/g/AAT/message/53158?](https://groups.io/g/AAT/message/53158)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1060,64977939)

water was more likely done when eating inland foods. > > Fresh water, would taste better.... Crab, crab meat has a significant sodium content, Macaques eat crabs on the shore. It would seem they have

By m3dodds · #53158 · 8/21/09

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5000 year old 'Orkney Venus' ([https://groups.io/g/AAT/message/53156?](https://groups.io/g/AAT/message/53156)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1060,64978707)

Scotland hails 'Orkney Venus' By Matthew Champion. A 5,000-year-old carving discovered in the Orkney Islands is being hailed as the oldest face in Scotland by archaeologists. The 3.5cm by 3cm sandston

By m3dodds · #53156 · 8/21/09

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On drinking saltwater at seashores ([https://groups.io/g/AAT/message/53142?](https://groups.io/g/AAT/message/53142)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1060,64977939)

Why would human ancestors at the shore, need salt replenishment? Wouldn't there shore diet meet all there need? Sodium Content of Common Foods <http://www.collectivewizdom.com/SodiumInCommonFoods.html>

By m3dodds · #53142 · 8/20/09

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Would you like a bit of butter with your cabbage? ([https://groups.io/g/AAT/message/53138?](https://groups.io/g/AAT/message/53138)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1060,64978629)

Barrel of butter in a bog... was it salted. Guess Irish bogs have a remarkable preservation ability... ---m3d

By m3dodds · #53138 · 8/20/09

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Hn & PTC ([https://groups.io/g/AAT/message/53137?](https://groups.io/g/AAT/message/53137)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1060,64978535)

Most poisons, most poisonous substances are said to taste bitter. Would speculate for the plant kingdom, poisons, or simply tasting bitter is just another means of defense like sharp thorns, leaves th

By m3dodds · #53137 · 8/20/09

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Hn & PTC ([https://groups.io/g/AAT/message/53134?](https://groups.io/g/AAT/message/53134)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1060,64978535)

Marc Assuming you do not mean that Hs, was ancestral to Hn. Hn could have split from the common ancestor by moving north into mainland Europe(from Iberia), to live in temperate climes, whilst the comm

By m3dodds · #53134 · 8/20/09

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Hn & PTC ([https://groups.io/g/AAT/message/53123?](https://groups.io/g/AAT/message/53123)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1060,64978535)

Perhaps cruciforms have only been eaten recently (modern Man), or since the advent of fire and cooking, as they would be bitter tasting and need a fair bit of chewing before swallowing. Some plants ha

By m3dodds · #53123 · 8/19/09

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Hn & PTC ([https://groups.io/g/AAT/message/53118?](https://groups.io/g/AAT/message/53118)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1060,64978535)

Not sure there is a distinct correlation between the two, but those less likely to eat to a cruciform plant are among those that can 'taste' PTC. It is claimed that cruciforms have the potential to be

By m3dodds · #53118 · 8/18/09

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Hn & PTC ([https://groups.io/g/AAT/message/53116?](https://groups.io/g/AAT/message/53116)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1060,64978535)

Toxins, avoidance of poisoning... There may be a link with iodine intake - iodine protects against thyroid damage, bitter tasting foods (usually found inland) may cause thyroid problems. (the further

By m3dodds · #53116 · 8/18/09

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Mosquitoes, hair and Neu5Gc (<https://groups.io/g/AAT/message/53097?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1060,64978192)

Hello Rob.... Would agree, until something more is discovered about the deactivation of Neu5Gc in the human line, we have taken it as far as is reasonable at present. I though look forward to what you

By m3dodds · #53097 · 8/17/09

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Knucklewalking (<https://groups.io/g/AAT/message/53096?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1060,64978498)

Humans (Homo) have never knuckle-walked, an it is unlikely the P/H LCA was a knuckle-walker. Knuckle-walking is something chimpanzees do. (perhaps their ancestors re-adapted to a more arboreal life af

By m3dodds · #53096 · 8/17/09

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Hn & PTC (<https://groups.io/g/AAT/message/53095?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1080,64978535)

Not surprising... It probably is something else Neanderthals and Sapiens inherited from their common ancestor. ---m3d

By m3dodds · #53095 · 8/17/09

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Knucklewalking (<https://groups.io/g/AAT/message/53075?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1080,64978498)

Video: DUKE UNIVERSITY LEARNING TO WALK <http://news.duke.edu/2009/08/knucklewalk.html> News release: DUKE UNIVERSITY Bipedal Humans Descended from the Trees, Not Up from Ground "A detailed examination

By m3dodds · #53075 · 8/16/09

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Knucklewalking (<https://groups.io/g/AAT/message/53071?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1080,64978498)

Probably still wont be enough, DD, to convince those still foolish enough to believe that Man had a knuckle-walking ancestor. Independent evolution of knuckle-walking in African apes shows that humans

By m3dodds · #53071 · 8/16/09

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Mosquitoes, hair and Neu5Gc (<https://groups.io/g/AAT/message/53063?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1080,64978192)

Hello Rob.... Was not aware that the equine version had crossed the species barrier... Proximity to domesticated species one of these days is going to result in a mutated virus that does more than cro

By m3dodds · #53063 · 8/16/09

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Thermal regulation in unipeds (<https://groups.io/g/AAT/message/53059?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1080,64978376)

Neat trick... At least a 49% reduction in the heat lost to the water by standing on one leg. (assuming they lose 1% when switching legs) Do young flamingos learn the trick of standing on one leg, or i

By m3dodds · #53059 · 8/16/09

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Mosquitoes, hair and Neu5Gc (<https://groups.io/g/AAT/message/53029?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1080,64978192)

Hello Rob... At least that's one virus that hasn't crossed over(yet). As I understand all horses that are not vaccinated get infected, a 100% infection rate among horses with no prior exposure. As you

By m3dodds · #53029 · 8/15/09

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Mosquitoes, hair and Neu5Gc (<https://groups.io/g/AAT/message/53006?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1080,64978192)

Hello Rob... Thanks for the link. Roughly 6000 years ago and around 40,000 years ago are said to be the dates of changes in two brain genes. While 6000 years ago outside of Africa, would also have see

By m3dodds · #53006 · 8/14/09

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Asia, Africa: apes & hominins (<https://groups.io/g/AAT/message/52998?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1080,64978360)

There are also mangrove forests, forests more tolerant of saline and brackish water, such as those in south east Asia, where they are more common than elsewhere. The Sundarbans in Bangladesh is the wo

By m3dodds · #52998 · 8/13/09

Asia, Africa: apes & hominins (<https://groups.io/g/AAT/message/52996?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1080,64978360)

IMO there is no contradiction between spending time foraging on the foreshore, in shallow waters and foraging at the edge of the forest.

Forests after all grow on the shores of seas, lakes and in rive

By m3dodds · #52996 · 8/13/09

Knucklewalking: G & P convergent, no H kwalk (<https://groups.io/g/AAT/message/52976?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1080,64978306)

Thanks, DD. But, I doubt it will be enough to convince the 'fossils' wedded to the foolish notion that our ancestors were "knuckle-walkers" ...

---m3d

By m3dodds · #52976 · 8/11/09

Mosquitoes, hair and Neu5Gc (<https://groups.io/g/AAT/message/52975?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1080,64978192)

--- In AAT@..., "Rob Dudman" <ausell@...> wrote: Hello Rob... Now that is what I call fortunate timing, I was just searching for information on the function of Neu5Gc, an was unsuccessful

By m3dodds · #52975 · 8/11/09

Mosquitoes, hair and Neu5Gc (<https://groups.io/g/AAT/message/52957?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1080,64978192)

Hello Rob... Yes it is a fascinating conundrum, but one worth exploring... Fair point... As arms races go, we seem to have been the loser... We are still very susceptible to mosquito/parasite infectio

By m3dodds · #52957 · 8/10/09

Why Piglets Shudder (<https://groups.io/g/AAT/message/52945?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1080,64978260)

Possibly because a healthy human baby, is a fat baby(at birth)? ---m3d

By m3dodds · #52945 · 8/09/09

Why Piglets Shudder (<https://groups.io/g/AAT/message/52944?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1080,64978260)

Yes, I remembered reading sometime back that piglets liked warmth. Guess the 'pig' ancestor 20 million years ago, lived somewhere where it was warm year round thus their offspring needed little protec

By m3dodds · #52944 · 8/09/09

Why Piglets Shudder (<https://groups.io/g/AAT/message/52939?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1080,64978260)

"Researchers at Uppsala University, Sweden, have uncovered a genetic reason why newborn piglets are less tolerant to cold than other newborn mammals. It turns out that the gene that codes for the prot

By m3dodds · #52939 · 8/09/09

When Pigs Ruled the World (<https://groups.io/g/AAT/message/52938?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1080,64978258)

"Scientists from Leeds University have discovered that the world was ruled by pig-like creatures for a million years. The "Age of the Porcine" occurred around 260 million years ago - when the creature

By m3dodds · #52938 · 8/09/09

Hippo ancestry disputed (<https://groups.io/g/AAT/message/52937?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1080,64978254)

"Thewissen says that whales are more closely linked to an extinct pig-like animal, often known as India's pig or Indohyus, while hippos are closely related to living pigs. But this isn't accurate acco

By m3dodds · #52937 · 8/09/09

Mosquitoes, hair and Neu5Gc (<https://groups.io/g/AAT/message/52922?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1080,64978192)

--- In AAT@..., "Rob Dudman" <ausell@...> wrote: Hello Rob.... > Fact: > c.2-2.5 Mya our ancestors selected against endogenous > Neu5Gc; > > Fact: > Mosquito-vectored Preichenowi targets

By m3dodds · #52922 · 8/08/09

The importance of clicking in speech formation (<https://groups.io/g/AAT/message/52902?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1080,64978189)

The tongue is used when suckling to press the nipple up against the palate (roof of the mouth) to draw out the milk... before swallowing. ---m3d

By m3dodds · #52902 · 8/07/09

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On drinking saltwater at seashores (<https://groups.io/g/AAT/message/52901?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1080,64977939)

Checked out a couple of sources, giardia results from fecal contamination of water - (fecal matter being its means of reproduction). A warm water parasite that can also survive in cold water and shall

By m3dodds · #52901 · 8/07/09

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The importance of clicking in speech formation (<https://groups.io/g/AAT/message/52897?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1100,64978189)

Human newborns do make use of their tongue, newborns come with a reflex for suckling (which involves using the tongue). The other reflex you mention can be initiated by touching the newborn's cheek, o

By m3dodds · #52897 · 8/07/09

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On drinking saltwater at seashores (<https://groups.io/g/AAT/message/52883?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1100,64977939)

Yes, it has drifted off-topic a little... Have been thinking about you said DD, about pathogens in water. Makes you wonder how Homo managed to exist for millions of years if freshwater was so infect

By m3dodds · #52883 · 8/06/09

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Elaine at TED talks on AAT (<https://groups.io/g/AAT/message/52860?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1100,64977979)

Elaine, His speech may have been a hit, but you won over your audience within minutes with the real facts, humour and a genuine love for your subject. Loved the way you dismissed certain hyped aspects

By m3dodds · #52860 · 8/05/09

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On drinking saltwater at seashores (<https://groups.io/g/AAT/message/52859?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1100,64977939)

Yes, totally unlike H.e ... My point was that other animals have heavy bones, and not all heavy boned animals are slow-moving. Giraffes have heavy leg bones and can move at 56 km/h over short distances

By m3dodds · #52859 · 8/05/09

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On drinking saltwater at seashores (<https://groups.io/g/AAT/message/52848?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1100,64977939)

Doing so, may help to strengthen the bones. Joints though wear out, simple wear and tear, as when the lining of the joint (cartilage) starts to wear away. Why would anyone want to walk sideways... Wate

By m3dodds · #52848 · 8/04/09

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OT: The Ultimate Comparison (<https://groups.io/g/AAT/message/52835?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1100,64978039)

Comparisons, with others? The ultimate comparison, see what we think of as our world in comparison to its near neighbors and how insignificant even the Sun is, in comparison to some other stars. The la

By m3dodds · #52835 · 8/04/09

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Elaine at TED talks on AAT (<https://groups.io/g/AAT/message/52834?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1100,64977979)

Congratulations Elaine... Hope you were spared sitting through the Prime Minister's "speech" ---m3d

By m3dodds · #52834 · 8/04/09

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On drinking saltwater at seashores (<https://groups.io/g/AAT/message/52833?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1100,64977939)

Savanna species like giraffes, also have heavy bones, heavy leg bones. And they can move pretty fast when they need too. Heavy bones and underwater foraging: Diving to forage, to ambush prey in shallow

By m3dodds · #52833 · 8/04/09

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On drinking saltwater at seashores (<https://groups.io/g/AAT/message/52832?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1100,64977939)

Yes, in that context it makes more sense. All animals need salt to remain healthy. Was using the figures of US Dept of Health and Human services and the UK's Dept. of Health, which roughly amounts to m

By m3dodds · #52832 · 8/04/09

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On drinking saltwater at seashores (<https://groups.io/g/AAT/message/52827?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1100,64977939)

Was just curious as to why you were seemingly proposing drinking seawater... When human salt needs are low (about a quarter of a teaspoon - or 500mg daily, or up to 2300gm, is the recommended amount).

By m3dodds · #52827 · 8/04/09

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On drinking saltwater at seashores (<https://groups.io/g/AAT/message/52802?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1100,64977939)

DD, If you were to drink a litre of seawater in one day, how much 'salt' would you actually ingest? (if somehow you managed to swallow more than a mouthful, of the stuff) Taking into account the average

By m3dodds · #52802 · 8/03/09

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Mammals Beat Reptiles (<https://groups.io/g/AAT/message/52784?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1100,64977854)

Hello Rob... Yes, it was a bit dense guess they are not subscribers to the plain English campaign. Still think scientists, are a long way behind politicians when it comes to uttering and in writing go

By m3dodds · #52784 · 8/02/09

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Bipedalism: Why we Swing our Arms is Solved (<https://groups.io/g/AAT/message/52783?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1100,64977756)

I wonder if that affected their chewing habits and jaw alignment; grinding corn and cooking beans, manioc, corn and meat would soften them I guess. Would guess that 'cooking' what they ate, required I

By m3dodds · #52783 · 8/02/09

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Bipedalism: Why we Swing our Arms is Solved (<https://groups.io/g/AAT/message/52771?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1100,64977756)

Or maybe something a lot stronger... In central Asia, perhaps following the herds north in spring, south in autumn(fall). Agree. And no limits, once they had mastered elementary technology such as bow

By m3dodds · #52771 · 8/01/09

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Medicine (<https://groups.io/g/AAT/message/52770?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1100,64977778)

Yes, that is what I am advised. Think aspirin works to prevent the formation of small clots in the blood. ---m3d

By m3dodds · #52770 · 8/01/09

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Bipedalism: Why we Swing our Arms is Solved (<https://groups.io/g/AAT/message/52766?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1100,64977756)

Know cranial deformation was practiced in the Andes/Peru but am not aware it was practiced in Nepal. Possibly in some other cases they wrapped up the infants to tightly, when carrying them from place

By m3dodds · #52766 · 8/01/09

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Medicine (<https://groups.io/g/AAT/message/52763?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1100,64977778)

It was for a slightly different reason, an undiagnosed birth/heart defect (namely a hole, in the heart), only diagnosed two years after the stroke. Without the surgery I was advised that my chances of

By m3dodds · #52763 · 8/01/09

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Hn thorax (<https://groups.io/g/AAT/message/52762?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1100,64977858)

John Hawks appears to be saying that the shape of their thorax (an our thorax?) is related to the shape of the pelvis. Would agree though that it is feasible, at least in the warmer periods they exper

By m3dodds · #52762 · 8/01/09

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Hn thorax (<https://groups.io/g/AAT/message/52759?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1100,64977858)

It does not appear to have been anything special about their thorax, it was more a reflection of their more robust build... "In other words, Neandertals weren't special. Their ventilation capacity was

By m3dodds · #52759 · 8/01/09

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Real Stories of the Neanderthal CSI (<https://groups.io/g/AAT/message/52758?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1100,64977875)

A murder mystery from 45,000 years ago? Who killed Shanidar.3 A clue? "If not, we have to conclude its very unlikely -- less than five percent -- that his wounds were caused by a modern human." [quote

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Mammals Beat Reptiles (<https://groups.io/g/AAT/message/52757?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1120,64977854)

Hello Rob... Yes, an it is also a little misleading as the authors of the research themselves do not exactly see it in those terms. Animals, most animals, have diversified a lot more than the reptiles

By m3dodds · #52757 · 8/01/09

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Medicine (<https://groups.io/g/AAT/message/52756?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1120,64977778)

Thanks, Marc. Fortunately I do not suffer from either of those two conditions. So, I have been able to take the recommended aspirin daily since I had preventive heart surgery, some 18 months ago. (sur

By m3dodds · #52756 · 8/01/09

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Mammals Beat Reptiles (<https://groups.io/g/AAT/message/52748?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1120,64977854)

"Mammals, birds and fish are among evolution's "winners," while crocodiles and other reptiles have ended up on the losing end, a new study suggests. "Our results indicate that mammals are special," sa

By m3dodds · #52748 · 7/31/09

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Medicine (<https://groups.io/g/AAT/message/52743?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1120,64977778)

Yes, its to the 'thin' the blood a tad ... Nope... that's not a beer. Have you not ever sipped a Guinness? Sipped one ice-cold? ---m3d

By m3dodds · #52743 · 7/31/09

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Bipedalism: Why we Swing our Arms is Solved (<https://groups.io/g/AAT/message/52741?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1120,64977756)

Yes, an they had to do their own carrying for some considerable time, as horses were only domesticated about 5000 years ago... (in western Asia) Dogs, were probably the first beast of burden. Yes, bab

By m3dodds · #52741 · 7/31/09

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Medicine (<https://groups.io/g/AAT/message/52740?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1120,64977778)

Well I hope it does have some medical benefit, as I take one 75.mg aspirin each day .... ---m3d

By m3dodds · #52740 · 7/31/09

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Bipedalism: Why we Swing our Arms is Solved (<https://groups.io/g/AAT/message/52706?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1120,64977756)

Your second scenario would seem the most likely, though arguably by the time were nomadic they may have figured out some means of carrying what they needed, as infants and newborns, would not be the o

By m3dodds · #52706 · 7/29/09

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Bipedalism: Why we Swing our Arms is Solved (<https://groups.io/g/AAT/message/52702?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1120,64977756)

Agree. Wonder if they tested if the metabolic energy cost rose when holding something, carrying a child, when walking. Would suspect it does if the arms are not moving. ---m3d

By m3dodds · #52702 · 7/29/09

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Bipedalism: Why we Swing our Arms is Solved (<https://groups.io/g/AAT/message/52699?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1120,64977756)

"Swinging one's arms comes at a cost. We need muscles to do it, and we need to provide energy in the form of food for those muscles. So what's the advantage? Little or none, some experts have said, co

By m3dodds · #52699 · 7/29/09

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Man was more Aquatic in the Past (<https://groups.io/g/AAT/message/52693?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1120,64977535)

Both could be said to have been early southern/central Europeans. As southern Europe was part of the range of Hn that extended deep into the middle east/Levant. And towards the end Hn was still Iberia

By m3dodds · #52693 · 7/29/09

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Toumai (<https://groups.io/g/AAT/message/52664?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1120,64977639)

As the English, always do... Being a Scot, I would not do such a thing! (auld alliance, an all that...) Will do so... ---m3d  
By m3dodds · #52664 · 7/28/09

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Inside Nature's Giants (<https://groups.io/g/AAT/message/52657?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1120,64977667)

DD, The ones featuring the elephant, giraffe and croc were fascinating to watch, that on the whale less so.

<http://www.channel4.com/programmes/inside-natures-giants> croc facts <http://www.channel4.com/>

By m3dodds · #52657 · 7/28/09

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Toumai (<https://groups.io/g/AAT/message/52656?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1120,64977639)

Agree, it does not settle the question one way or the other. (IMO a lot of the argument surrounding Toumai - has more to do its discoverers being French). As far as I am concerned - the l.c.a. was bip

By m3dodds · #52656 · 7/28/09

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Man was more Aquatic in the Past (<https://groups.io/g/AAT/message/52655?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1120,64977535)

Michael, If you were to apply your argument to the consequences of the last 'ice-age' then H.sapiens should have gone extinct along with H.neanderthals. Or if you were to apply it to the 'ice-ages' of

By m3dodds · #52655 · 7/28/09

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Man was more Aquatic in the Past (<https://groups.io/g/AAT/message/52631?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1120,64977535)

Michael, Taking into account what you have said. How would you assess the chances of a population of say lacustrine apes surviving, when say an existing freshwater ecosystem based around a large lake/

By m3dodds · #52631 · 7/27/09

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Man was more Aquatic in the Past (<https://groups.io/g/AAT/message/52629?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1120,64977535)

Hello Rob.... Yes it is likely would have been stragglers, smaller groups, but the l.c.a. that had coalesced into three or four larger groups probably had the better chances of survival in the long ru

By m3dodds · #52629 · 7/27/09

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Man was more Aquatic in the Past (<https://groups.io/g/AAT/message/52617?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1120,64977535)

Agree. Oreopithecus was known for sometime before Morotopithecus(1960's). ---m3d

By m3dodds · #52617 · 7/26/09

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Man was more Aquatic in the Past (<https://groups.io/g/AAT/message/52614?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1120,64977535)

Toumai the 7 million year old find from Chad, and Aaron Fillers research on the spine would seem to increase the odds that the l.c.a. was a part-time biped, if not fully bipedal. Whilst I am not fully

By m3dodds · #52614 · 7/26/09

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Man was more Aquatic in the Past (<https://groups.io/g/AAT/message/52612?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1120,64977535)

Here I agree with Rob, in thinking the original split is more likely to have resulted from geographical isolation following the Messinian Salinity Crisis. It coincides with shift in climate, from the

By m3dodds · #52612 · 7/26/09

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Man was more Aquatic in the Past (<https://groups.io/g/AAT/message/52610?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1120,64977535)

--- In AAT@..., "Rob Dudman" <ausell@...> wrote: Hello Rob Your mention of the unfortunate a'piths retreating eastwards prompted the thought... what if the a'piths had headed south -east,

By m3dodds · #52610 · 7/26/09

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Man was more Aquatic in the Past (<https://groups.io/g/AAT/message/52595?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1140,64977535)

It would be the real split, the point at which they no longer capable of exchanging genes. Difference in the environment? Well if we were to place it at the start of the Pliocene ( about 5 million yea

By m3dodds · #52595 · 7/25/09

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Man was more Aquatic in the Past (<https://groups.io/g/AAT/message/52585?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1140,64977535)

Elaine, That puts is sometime in the Pliocene, sometime between 5 and 4 million years ago. Favour after the l.c.a. split myself, but think we should allow time for them to have become two clearly dist

By m3dodds · #52585 · 7/25/09

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Man was more Aquatic in the Past (<https://groups.io/g/AAT/message/52582?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1140,64977535)

Hardy is often quoted, as saying ... "Man was more aquatic in the past..." But, when in the past... is in the past? 1.8 million years ago? (start of Pleistocene) 2.5 million years ago? (in the Pliocen

By m3dodds · #52582 · 7/25/09

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An European Origin for Hominids? (<https://groups.io/g/AAT/message/52581?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1140,64977532)

A unique Middle Miocene European hominoid and the origins of the great ape and human clade Salvador Moyà-Solàa, David M. Albal, Sergio Almécijac, Isaac Casanovas-Vilarc, Meike Köhlera, Soledad De Este

By m3dodds · #52581 · 7/25/09

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Some Myths About Evolution (<https://groups.io/g/AAT/message/52580?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1140,64977528)

"If you don't use it, you tend to lose it. Evolution often takes away rather than adding. For instance, cave fish lose their eyes, while parasites like tapeworms lose their guts. Such simplification m

By m3dodds · #52580 · 7/25/09

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Primate Form of HIV Killing Chimps (<https://groups.io/g/AAT/message/52566?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1140,64977494)

"The thought had always been that this virus didn't hurt chimpanzees, but it looks to us like they are dying at higher rates. We were not expecting this." Rebecca Rudicell [quote] "African primates ar

By m3dodds · #52566 · 7/24/09

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"Pinwheeling Pangea" (<https://groups.io/g/AAT/message/52561?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1140,64972374)

Knew there was a problem with large sheets of glass, but the thought the effect on surface of wine in glass would be insignificant (not noticeable). Yes, some are millions of years old. An can be usef

By m3dodds · #52561 · 7/24/09

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"Pinwheeling Pangea" (<https://groups.io/g/AAT/message/52559?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1140,64972374)

Neat solution, DD. Only one minor problem, the surface of your glass of wine is flat, whilst the actual continents move across the surface of what is almost a sphere... The orange/black areas on this

By m3dodds · #52559 · 7/24/09

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Between the Devil and the Deep Blue Sea (<https://groups.io/g/AAT/message/52543?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1140,64977302)

Something like this, DD ... ? With 50,000 aboard and its own landing strip. <http://www.howstuffworks.com/floating-city.htm> Looks like the dumb thing would topple over, or break its back if it was ever

By m3dodds · #52543 · 7/23/09

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Homo litoreus (<https://groups.io/g/AAT/message/52540?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1140,64977318)

They obviously had a precursor... I am only suggesting their precursor, was more aquatic. (a more aquatic predecessor) Are you referring to a DNA study published PLOS Genetics in 2007 that gave a date

By m3dodds · #52540 · 7/23/09

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The Cahaba: A River of Riches (<https://groups.io/g/AAT/message/52525?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1140,64977423)

"Biological splendor is usually associated with faraway places and fabulous creatures, rain forest river basins or African elephants. The close-to-home grandeur of the Cahaba is more subtle, counted n

By m3dodds · #52525 · 7/22/09

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Between the Devil and the Deep Blue Sea (<https://groups.io/g/AAT/message/52524?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1140,64977302)

Or on one of these... superships. (they would probably slice through a sailing ship and not notice... )

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Homo litoreus (<https://groups.io/g/AAT/message/52519?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1140,64977318)

Dan Perhaps so, but I would say if that was the case that the MYH16 deactivation in Homo took it a step further. Chimpanzee jaws, jaw muscles are considerably larger and more powerful than those seen

By m3dodds · #52519 · 7/22/09

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Between the Devil and the Deep Blue Sea (<https://groups.io/g/AAT/message/52512?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1140,64977302)

Especially rounding the Horn (Drakes passage) that must have been one hellish voyage on board a sailing ship. ---m3d

By m3dodds · #52512 · 7/21/09

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Homo litoreus (<https://groups.io/g/AAT/message/52510?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1140,64977318)

Nothing above conflicts with what I have said... I am not arguing that He did not live waterside, only that they inherited their traits from a precursor. I would say 4 million is too late, 5 mya would

By m3dodds · #52510 · 7/21/09

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Homo litoreus (<https://groups.io/g/AAT/message/52507?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1140,64977318)

That is exactly my point Marc... H. erectus had the smaller 'human' jaw. \_\_\_\_\_ The Myosin16 mutation - is dated to before the emergence of H. erectus. \_\_\_\_\_ And if the mutation i

By m3dodds · #52507 · 7/21/09

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Homo litoreus (<https://groups.io/g/AAT/message/52503?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1140,64977318)

Not disagreeing that H. erectus was a waterside ancestor, only that it is more likely that H. erectus had an precursor who was more aquatic, an ancestor or ancestors who evolved on the shore ... acquire

By m3dodds · #52503 · 7/21/09

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Between the Devil and the Deep Blue Sea (<https://groups.io/g/AAT/message/52499?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1140,64977302)

Think also for a sailor on a sailing ship, one other definition of a 'hard place' could have been hitting the deck hard... when he missed his handhold/footing up in the rigging. ---m3d

By m3dodds · #52499 · 7/21/09

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Homo litoreus (<https://groups.io/g/AAT/message/52498?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1140,64977318)

[Quote] Reading more about it since then as a professional biologist I used my own professional judgment, observing human behaviour and the peculiarities in his physiological and anatomical properties

By m3dodds · #52498 · 7/21/09

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Between the Devil and the Deep Blue Sea (<https://groups.io/g/AAT/message/52472?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1140,64977302)

Perhaps, but... "Between the devil and the deep blue sea" is said to be the equivalent of "Between a rock and a hard place" ... (seemingly, it dates from the days of sailing ships) Between the Devil a

By m3dodds · #52472 · 7/20/09

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Between the Devil and the Deep Blue Sea (<https://groups.io/g/AAT/message/52469?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1160,64977302)

"Coastal "squeeze" traps coastal people between the "Devil and the Deep blue sea", around 45 percent of the world population now lives in coastal zones that represent only 5 percent of the land surfac

By m3dodds · #52469 · 7/20/09

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Gibbon Slamming Door in Song (<https://groups.io/g/AAT/message/52468?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1160,64977301)

"A female gibbon has been observed enhancing her territorial song with a percussive noise. Each time her song reached its natural climax, the gibbon slammed shut the door of her enclosure, using the l

By m3dodds · #52468 · 7/20/09

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Hair straightness (<https://groups.io/g/AAT/message/52467?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1160,64977298)

You might be right in thinking straight hair, is the more primitive, but it might not be the perfect hair for hot climes. As one hypothesises for tightly curled hair, says its curled for the same reason

By m3dodds · #52467 · 7/20/09

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Hippos: How Hippos Move Underwater (<https://groups.io/g/AAT/message/52466?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1160,64977292)

Agree. And it would also go some way to explaining how the limbs were lost when whale and dolphin ancestors returned to the seas... tens of millions of years ago. The use of forelimbs to punt along the b

By m3dodds · #52466 · 7/20/09

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Hippos: How Hippos Move Underwater (<https://groups.io/g/AAT/message/52461?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1160,64977292)

"Hippos glide gracefully along a river bed by using their feet as punts, the first detailed analysis of their underwater locomotion shows.

Spending relatively long periods "in flight" between punts, t

By m3dodds · #52461 · 7/20/09

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savanna nonsense (Re: Re: The stoat and the hominoid inversion (<https://groups.io/g/AAT/message/52451?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1160,64976919)

Perhaps, one possibility would have been to remain just below the surface using a short reed, to breathe, until they sighted their prey. Then took up the ambush position when the prey came within thei

By m3dodds · #52451 · 7/19/09

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savanna nonsense (Re: Re: The stoat and the hominoid inversion (<https://groups.io/g/AAT/message/52428?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1160,64976919)

Had thought about that idea, DD. As it seems likely if they had the known how to ambush their prey from underwater, then it is likely they would have had some method of extending how long they could rem

By m3dodds · #52428 · 7/18/09

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savanna nonsense (Re: Re: The stoat and the hominoid inversion (<https://groups.io/g/AAT/message/52427?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1160,64976919)

Form follows function, or as Darwin would have said... "anatomy, will be structured according to functions" (a rule - followed in the worlds of car, ship and aircraft design) And most animals can walk

By m3dodds · #52427 · 7/18/09

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Format and politeness (<https://groups.io/g/AAT/message/52425?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1160,64977187)

--- In AAT@..., Emily Dickson <emilycurious@...> wrote: Hello Emily, Would agree following a particular discussion can be a little confusing, especially after there have been a few respons

By m3dodds · #52425 · 7/18/09

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The Last Supper: Wild Horse & Mouflon (<https://groups.io/g/AAT/message/52403?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1160,64977171)

"For many years, the mobility of the groups of hominids and how long they spent in caves or outdoors has been a subject of discussion among scientists. Now, an international team headed by researchers

By m3dodds · #52403 · 7/17/09

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savanna nonsense (Re: Re: The stoat and the hominoid inversion (<https://groups.io/g/AAT/message/52398?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1160,64976919)

Sounds like it would have been a very effective ambush strategy, to capture wildfowl, DD. ---m3d

By m3dodds · #52398 · 7/17/09

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savanna nonsense (Re: Re: The stoat and the hominoid inversion (<https://groups.io/g/AAT/message/52397?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1160,64976919)

that it's very unlikely that we ever were full aquatics. Statistical comparisons with arboreals, bipeds ... are perhaps valid, with waders... no. Wading birds like cranes, herons and flamingos... also

By m3dodds · #52397 · 7/17/09

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savanna nonsense (Re: Re: The stoat and the hominoid inversion (<https://groups.io/g/AAT/message/52378?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1160,64976919)

Humans are as you say not good at hopping, a kangaroo once it hits its stride can move at 50 km/hr ... slower than an ostrich, but faster than a human. Pushing off from a crouched position, underwater i

By m3dodds · #52378 · 7/16/09

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savanna nonsense (Re: Re: The stoat and the hominoid inversion (<https://groups.io/g/AAT/message/52371?> p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1160,64976919)

Still think that there is not another animal we can make a valid comparison with, when it comes to locomotion... (insects and birds, have evolved separately from animals for tens upon tens of millions

By m3dodds · #52371 · 7/16/09

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savanna nonsense (Re: Re: The stoat and the hominoid inversion (<https://groups.io/g/AAT/message/52351?> p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1160,64976919)

Problem with making comparisons, there is no other animal like the human one - we can use for a comparison. However I agree 100% with your second point, the Human animal has nothing whatsoever in comm

By m3dodds · #52351 · 7/15/09

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papers of Nishimura on laryngeal descent (<https://groups.io/g/AAT/message/52348?> p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1160,64976931)

O.k., DD. Though I would say... The larynx, the tongue and the oral cavity have been around for some considerable time (long before, the primates). Especially the larynx, as it evolved along with the

By m3dodds · #52348 · 7/15/09

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savanna nonsense (Re: Re: The stoat and the hominoid inversion (<https://groups.io/g/AAT/message/52347?> p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1160,64976919)

O.k., Marc. Would agree with most of what you have to say (below) about "savanna" nonsense, though I would be a bit more cautious about claiming as evidence of our "waterside" past, fossils found near

By m3dodds · #52347 · 7/15/09

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papers of Nishimura on laryngeal descent (<https://groups.io/g/AAT/message/52334?> p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1160,64976931)

How so, DD. ? ---m3d

By m3dodds · #52334 · 7/14/09

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papers of Nishimura on laryngeal descent (<https://groups.io/g/AAT/message/52328?> p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1160,64976931)

Apologies, I had understood from your earlier comment that you were making the connection between speech and the descent of the larynx... To me the tongue has the more crucial role, in speech. I agree

By m3dodds · #52328 · 7/14/09

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Fish Consumption In China 40,000 Years Ago (<https://groups.io/g/AAT/message/52326?> p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1160,64976993)

"Freshwater fish are an important part of the diet of many peoples around the world, but it has been unclear when fish became an important part of the year-round diet for early humans. A new study by

By m3dodds · #52326 · 7/14/09

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papers of Nishimura on laryngeal descent (<https://groups.io/g/AAT/message/52325?> p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1180,64976931)

Which animals lack a hyoid bone?. I know in many animals it has ossified and has more restricted movement. Dogs have a hyoid bone and it is said in large cats (lions/tigers) it is a little more flexib

By m3dodds · #52325 · 7/14/09

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papers of Nishimura on laryngeal descent (<https://groups.io/g/AAT/message/52324?> p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1180,64976931)

Not so certain, Elaine. The larynx creates sounds (imparts emphasis/emotion to a sound?) but it is left to the tongue, the jaw and the lips etc... to shape and articulate the sounds we utter. I would

By m3dodds · #52324 · 7/14/09

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papers of Nishimura on laryngeal descent (<https://groups.io/g/AAT/message/52322?> p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1180,64976931)

Yes, I would agree it is better phrased that way. Muscles, muscle movements are the active agent. Bone is simply an anchor for muscle. (as in when we swallow, it is muscles that move, moving the hyoid

By m3dodds · #52322 · 7/14/09

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papers of Nishimura on laryngeal descent (<https://groups.io/g/AAT/message/52318?> p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1180,64976931)

DD. The muscles attached to the hyoid, aside that of the tongue, are involved in mastication and swallowing... Basically, the hyoid bone is

best pictured as a movable muscle anchor for the tongue. Its

By m3dodds · #52318 · 7/14/09

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papers of Nishimura on laryngeal descent (<https://groups.io/g/AAT/message/52310?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1180,64976931)

The hyoid bone is simply the muscle anchor for the tongue... It moves (upwards-rapidly) with larynx and tongue when we swallow. ---m3d

By m3dodds · #52310 · 7/13/09

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The stoat and the hominoid inversion (<https://groups.io/g/AAT/message/52293?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1180,64976332)

Elaine, In this image of the human skull, there does not appear to be sufficient room to position the larynx further up than its current position:

<http://s3.images.com/huge.56.281801.JPG> This second i

By m3dodds · #52293 · 7/12/09

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The stoat and the hominoid inversion (<https://groups.io/g/AAT/message/52273?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1180,64976332)

Would think keeping 'stuff' out of the lungs... being able to breathe is of some importance. ---m3d

By m3dodds · #52273 · 7/11/09

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The stoat and the hominoid inversion (<https://groups.io/g/AAT/message/52272?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1180,64976332)

Airway protection, it sometimes forgotten that the larynx is also the entrance to the lower respiratory tract, not just a sound box... (the larynx along with the epiglottis prevents food and liquid enter)

By m3dodds · #52272 · 7/11/09

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Skin color (Hair color) (<https://groups.io/g/AAT/message/52264?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1180,64976716)

Certainly not as bold as those of a zebra, but both probably work as pattern-camouflage for their respective owners. Yes, humans can see into the red end of the spectrum. Having a tan, being tan colour

By m3dodds · #52264 · 7/11/09

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Deep time (<https://groups.io/g/AAT/message/52263?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1180,64976776)

for reduction. Birds, reptiles have reduced their digit number. Some reptiles have a different number on their hind limbs. When life first crawled onto the land, being polydactyl seem to have been the

By m3dodds · #52263 · 7/11/09

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The stoat and the hominoid inversion (<https://groups.io/g/AAT/message/52262?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1180,64976332)

I note no-one has mentioned what is said to be the larynx's other role in mammals - protecting the trachea. ---m3d

By m3dodds · #52262 · 7/11/09

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Wilma the Neanderthal: Facial Reconstruction (<https://groups.io/g/AAT/message/52237?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1180,64976839)

--- In AAT@..., "m3dodds" <dons3148@...> wrote: Green eyes, red hair? <http://www.thethinkingblue.com/pics/neanderthal615.jpg> ---m3d

Want to see the rest? (facial reconstructions) the habil

By m3dodds · #52237 · 7/10/09

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Wilma the Neanderthal: Facial Reconstruction (<https://groups.io/g/AAT/message/52236?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1180,64976839)

Green eyes, red hair? <http://www.thethinkingblue.com/pics/neanderthal615.jpg> ---m3d

By m3dodds · #52236 · 7/10/09

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Deep time (<https://groups.io/g/AAT/message/52234?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1180,64976776)

DD. As you say the initial code is for five digits, and if I recall rightly that is the problem if we want to lose our smallest digits, for the 'thumbs' and 'big toes' are the fifth digits. (the last

By m3dodds · #52234 · 7/10/09

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Skin color (Hair color) (<https://groups.io/g/AAT/message/52233?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1180,64976716)

Apologies, DD. Have had a couple of browser quirks, since upgrading to Firefox 3.5 (it still displays the Yahoo preview page, as a load gobbledygook) ... However, I would agree with you that it is lik

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Panama isthmus collision, rubber plates (<https://groups.io/g/AAT/message/52231?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1180,64976767)

That's another option, though it is not so much bouncing apart as drifting apart (as in the Red sea, an the Rift valley where the plates are diverging - creating new plate) ... Was thinking more along

By m3dodds · #52231 · 7/10/09

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Panama isthmus collision, rubber plates (<https://groups.io/g/AAT/message/52212?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1180,64976767)

--- In AAT@..., "DDeden" <alas\_my\_loves@...> wrote: Excellent article, DD. The process of its creation, was a lot more complicated than it at first seems. Maybe the stress building up in t

By m3dodds · #52212 · 7/09/09

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Deep time (<https://groups.io/g/AAT/message/52211?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1180,64976776)

The preference for five digits, seems to go back a long way, back to the time life first crawled out of the seas... One article I read a while back... mentioned that to lose the smallest of our five d

By m3dodds · #52211 · 7/09/09

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Skin color (Hair color) (<https://groups.io/g/AAT/message/52210?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1180,64976716)

Yes, sedentary locales. Perhaps not for transit further south, or seasonal hunting? Poles/West Slavs [http://en.wikipedia.org/wiki/West\\_Slavs](http://en.wikipedia.org/wiki/West_Slavs)

There are no camouflage functions, ingenious human skin col

By m3dodds · #52210 · 7/09/09

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Skin color (Hair color) (<https://groups.io/g/AAT/message/52207?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1180,64976716)

Perhaps the in the sub-tropics, the tropics would likely have required a permanent darkening of the skin... We still seasonally adapt today, the skin tanning as UV levels rise in the spring and summer

By m3dodds · #52207 · 7/09/09

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Skin color (Hair color) (<https://groups.io/g/AAT/message/52174?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1200,64976716)

"Hair color is the pigmentation of hair follicles due to two types of melanin, eumelanin and pheomelanin. Generally, if more melanin is present, the color of the hair is darker; if less melanin is pr

By m3dodds · #52174 · 7/07/09

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Skin color (<https://groups.io/g/AAT/message/52172?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1200,64976639)

Not so, Marc. It is not haphazard as you make it sound. The best source of vitamin.D is sunlight. Perhaps, exposed genitalia (more sensitive to UV?) need a little bit extra protection from UVA radiati

By m3dodds · #52172 · 7/07/09

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Skin color (<https://groups.io/g/AAT/message/52165?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1200,64976639)

Actually, Marc, the vitamin.D hypotheses - is the one closer to the truth. The body uses UV-B radiation ('sunshine') to produce vitamin.D ...

The melanin in our skin, which colors it, acts as a protec

By m3dodds · #52165 · 7/06/09

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suction feeding (Re: Re: The stoat and the hominoid inversion (<https://groups.io/g/AAT/message/52147?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1200,64976604)

Perhaps, but most of these foods could be eaten and swallowed normally, sitting on the beach. Perhaps. But that's a judgment based on the tongue and lips of AMH (modern Man). We use the tongue and sha

By m3dodds · #52147 · 7/05/09

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Two different forums for the different paradigms? (<https://groups.io/g/AAT/message/52144?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1200,64976554)

Marc, one of the criteria used to define genus Homo, is the 'cerebral rubicon' - which sets the qualification at 750/800.cc ... The Human Genus <http://www.sciencemag.org/cgi/content/abstract/284/5411/>

By m3dodds · #52144 · 7/05/09

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suction feeding (Re: Re: The stoat and the hominoid inversion (<https://groups.io/g/AAT/message/52141?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1200,64976604)

Marc In what circumstances would suction feeding, have been used by our shore ancestors? I would have thought that once they had pried open a mollusk that it would be far simpler, just to swallow the

By m3dodds · #52141 · 7/05/09

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Two different forums for the different paradigms? (<https://groups.io/g/AAT/message/52139?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1200,64976554)

Marc. The ancestors of Homo, are our precursors after the P/H split. Homo, genus Homo ... is based on brain size, none of our precursors prior to H.erectus qualify, as Homo. (a qualification, that was

By m3dodds · #52139 · 7/05/09

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Two different forums for the different paradigms? (<https://groups.io/g/AAT/message/52138?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1200,64976554)

Yes he does, or used too, he also has his own distinct hypotheses for the origins of bipedalism in Man. (neither of which, I subscribe too) As for the phrase ... "AAT - The hypotheses that the ancesto

By m3dodds · #52138 · 7/05/09

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Two different forums for the different paradigms? (<https://groups.io/g/AAT/message/52116?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1200,64976554)

Elaine, perhaps sister groups would be more appropriate than rivals... as both, will have much in common. For a common masthead, perhaps something like ... "AAT - The hypotheses that the ancestors of

By m3dodds · #52116 · 7/04/09

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suction feeding (Re: Re: The stoat and the hominoid inversion (<https://groups.io/g/AAT/message/52113?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1200,64976604)

Thanks, Marc. This would apply only to a 'food' (semi-liquid?) that needs no mastication in the mouth, correct? Think, some whale species also suction-feed. (grey-whales, beaked whales) Yes, human inf

By m3dodds · #52113 · 7/04/09

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The stoat and the hominoid inversion (<https://groups.io/g/AAT/message/52109?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1200,64976332)

Marc ... I probably know the answer, and it sounds a dumb question, but what do you and DD. mean by suction feeding? The suction feeding - you mention, sounds you are describing some kind of human vac

By m3dodds · #52109 · 7/04/09

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Two different forums for the different paradigms? (<https://groups.io/g/AAT/message/52105?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1200,64976554)

Hello Renato What you and Nicole are proposing, has merit. However are you both certain that your reasons for forming the new forum, can only be achieved by forming a new classic AH forum focused on t

By m3dodds · #52105 · 7/04/09

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Inside Nature's Giants. The Elephant (<https://groups.io/g/AAT/message/52070?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1200,64976466)

Hindgut fermenters ... like rhinos? It is the other way around ... Mammoths are/were closer to Asian elephants... ( both the Asian an African elephants originated in Africa) Dugongs, manatees, and pos

By m3dodds · #52070 · 7/02/09

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Inside Nature's Giants. The Elephant (<https://groups.io/g/AAT/message/52068?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1200,64976466)

Agree elephants and to a certain extent gorillas and chimps, are little more than gut. The scientists on the program, mentioned that elephants also generate a considerable amount of heat chewing and p

By m3dodds · #52068 · 7/02/09

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ITCZ moving north (<https://groups.io/g/AAT/message/52067?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1200,64976509)

Would depend on how long it has existed. Perhaps, it has moved as the Earth's climate has warmed and cooled, over millions of years. --- m3d

By m3dodds · #52067 · 7/02/09

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Evidence of Sit-float feeding apes: appendix (<https://groups.io/g/AAT/message/52062?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1200,64976488)

--- In AAT@..., Marc Verhaegen <m\_verhaegen@...> wrote: "The US scientists found that the appendix acted as a "good safe house" for bacteria essential for healthy digestion, in effect re-b

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Inside Nature's Giants. The Elephant (<https://groups.io/g/AAT/message/52050?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1200,64976466)

Marc. Learning that they have only the one stomach (an seeing it in all its gory glory), was a bit of a surprise I always assumed they were like ruminants in that regard. (that they had multiple stoma

By m3dodds · #52050 · 7/01/09

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Inside Nature's Giants. The Elephant (<https://groups.io/g/AAT/message/52048?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1200,64976466)

Inside Nature's Giants THERE are things we need to know and things we don't but might like to know all the same. There are things you wish you didn't know (often involving Kerry Katona), there are kno

By m3dodds · #52048 · 7/01/09

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Admin., message search (<https://groups.io/g/AAT/message/52047?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1200,64976303)

Would essentially agree with that... if for no other reason they probably slept ashore for six, eight hours (in ground - nests, off the beach?) each day. An as you say they would also have spent part

By m3dodds · #52047 · 7/01/09

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The stoat and the hominoid inversion (<https://groups.io/g/AAT/message/52031?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1200,64976332)

--- In AAT@..., Marc Verhaegen <m\_verhaegen@...> wrote: A hooded nose? What you are describing as a "hooded nose" is the norm among the Catarrhini ... Old World Monkeys/Apes... a downward

By m3dodds · #52031 · 6/30/09

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Admin., message search (<https://groups.io/g/AAT/message/52013?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1220,64976303)

Curious, how hypotheses/ideas are born from something that at first seems unrelated. Much prefer your original wording... it is much more inviting. Have just re-read this morning a copy of his 1960 NS

By m3dodds · #52013 · 6/29/09

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Roger Crinion (Re: Re: Elaine Morgan OBE (<https://groups.io/g/AAT/message/52012?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1220,64976212)

Maybe not, Marc. It could be called "lean". It would depend on what is the right proportion of fat in hippos. As words go 'lean' does not mean 'thin' - (the opposite of being fat) ... Lean ... means "

By m3dodds · #52012 · 6/29/09

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Admin., message search (<https://groups.io/g/AAT/message/52000?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1220,64976303)

That's a brilliant piece of word play DD. I like it! If your suggesting it as a new title for the group you certainly have my backing... I assume the 'Four Score... ' in the main title, refers back to

By m3dodds · #52000 · 6/28/09

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Admin., message search (<https://groups.io/g/AAT/message/51991?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1220,64976303)

DD. As the AAT group will be ten years old in about two months time (August/September?), perhaps one idea might be to refresh the look/theme of the group home page, as one way of celebrating its tenth

By m3dodds · #51991 · 6/28/09

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Roger Crinion (Re: Re: Elaine Morgan OBE (<https://groups.io/g/AAT/message/51990?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1220,64976212)

"The body is scantily covered with short, fine hairs but appears naked. The usual skin colour is slaty copper brown, which shades to dark brown above and purplish below. The skin is glandular and exud

By m3dodds · #51990 · 6/28/09

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Roger Crinion (Re: Re: Elaine Morgan OBE (<https://groups.io/g/AAT/message/51947?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1220,64976212)

Like humans floating hot air balloons are slow, dirigibles on the other hand are capable of reaching speeds of a 100 - 130 km/h They are a whale species and whale species are generally hydrodynamic (t

By m3dodds · #51947 · 6/27/09

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Roger Crinion (Re: Re: Elaine Morgan OBE (<https://groups.io/g/AAT/message/51930?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1220,64976212)

Elaine, I would agree friction seems an unlikely reason, for reducing our coat of body hair. Humans don't move fast enough in water to benefit from a reduction in drag ... aside from which you don't n

By m3dodds · #51930 · 6/26/09

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A new definition of aquaexclusivism (<https://groups.io/g/AAT/message/51915?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1220,64976230)

It is a good redefinition on both counts, Renato. Bipedalism... is one example, where aquaexclusivism has had a negative result. The attempts to make it exclusively aquatic in origin, or exclude from

By m3dodds · #51915 · 6/26/09

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OT: Citizens Tube (<https://groups.io/g/AAT/message/51889?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1220,64976178)

Citizens Tube <http://www.citizentube.com/>

By m3dodds · #51889 · 6/25/09

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Mid-Pliocene high sea levels (<https://groups.io/g/AAT/message/51888?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1220,64976111)

More or less ... Basically DD, it is all a result of our good old friend plate tectonics ... Continents move, changing sea and atmosphere currents. Climes cool, warm up, freeze... continents establish

By m3dodds · #51888 · 6/25/09

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Coastal Prehistory: Human Prehistory (<https://groups.io/g/AAT/message/51887?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1220,64976172)

"In recent millennia, coastal environments have often supported large and populous settlements, and this applies at all levels of human society from hunters and gatherers to urban societies. Greater d

By m3dodds · #51887 · 6/25/09

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Mid-Pliocene high sea levels (<https://groups.io/g/AAT/message/51859?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1220,64976111)

The water evaporated/emptied from the Med.sea basin, is said to have raised sea-levels world-wide by 9 to 10 metres ... (the water had to go somewhere) So perhaps re-filling the Med-sea basin would ha

By m3dodds · #51859 · 6/24/09

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Homo floresiensis (<https://groups.io/g/AAT/message/51858?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1220,64976078)

The authors of the report seem to be arguing that they were descendants of an Asian branch of H.erectus... Isolation, inbreeding, dwarfism and extinction are the probable outcomes of getting trapped o

By m3dodds · #51858 · 6/24/09

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Homo floresiensis (<https://groups.io/g/AAT/message/51846?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1220,64976078)

--- In AAT@..., Marc Verhaegen <m\_verhaegen@...> wrote: "On the grounds of this morphological similarity we agree with the phylogenetic schemes that suggest a close relationship between th

By m3dodds · #51846 · 6/23/09

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"Exquisite" bird carving, Henan, China ~15ka (<https://groups.io/g/AAT/message/51841?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1220,64976057)

Was my first thought too on seeing the sculpture, but could not think how it was used... but a paddle handle would fit the bill (possibly, on a ceremonial canoe?). "Cooking" a bone may make it "whiter

By m3dodds · #51841 · 6/23/09

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"Exquisite" bird carving, Henan, China ~15ka (<https://groups.io/g/AAT/message/51837?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1220,64976057)

--- In AAT@..., "DDeden" <alas\_my\_loves@...> wrote: Fascinating, DD. Managed to find a photo ... of the object. "The fossilized grey figurine, which is 2.1 centimeters long, 1.2 centimeter

By m3dodds · #51837 · 6/23/09

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Hypothermia (<https://groups.io/g/AAT/message/51826?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1220,64975959)

Why six layers? The simple answer would be that each layer deals with more complex tasks than the one below it... Layer I: being the one at the bottom, is the least complex of the six - deals with lea

By m3dodds · #51826 · 6/22/09

Hypothermia (<https://groups.io/g/AAT/message/51819?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1220,64975959)

It is the correct explanation, it is based on accumulated medical knowledge ... The Human Brain: \_\_\_\_\_

[http://thebrain.mcgill.ca/flash/i/i\\_01/i\\_01\\_cr/i\\_01\\_cr\\_ana/i\\_01\\_cr\\_ana.html](http://thebrain.mcgill.ca/flash/i/i_01/i_01_cr/i_01_cr_ana/i_01_cr_ana.html) ---m3d Se

By m3dodds · #51819 · 6/22/09

Elaine Morgan OBE (<https://groups.io/g/AAT/message/51817?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1220,64976003)

Congrats Elaine, on your well deserved OBE ... ---m3d

By m3dodds · #51817 · 6/22/09

Coincidental arc? (<https://groups.io/g/AAT/message/51816?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1220,64976012)

Would depend on what period in time you have in mind... More than a 1000 years ago would rule out Iceland, the Norwegians did not settle there until the around the 900's ... As for Ireland, the conven

By m3dodds · #51816 · 6/22/09

Hypothermia (<https://groups.io/g/AAT/message/51804?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1240,64975959)

Not surprising, Mario. Mammals and Avians have followed separate evolutionary paths for hundreds of millions of years. Mammals and Avians different evolutionary paths, different brain architecture (or

By m3dodds · #51804 · 6/21/09

Hypothermia (<https://groups.io/g/AAT/message/51802?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1240,64975959)

Mario, Birds (Avians) do have the equivalent of a mammal Neocortex... In Mammal brains - it is the Neocortex... In Avian brains - it is the Nidopallium... ---m3d

By m3dodds · #51802 · 6/21/09

FW: [evol-psych] Essay: The mystery ape of Pleistocene Asia (<https://groups.io/g/AAT/message/51799?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1240,64975930)

Perhaps it is both, it is in east Asia and is located in the south-east of the continent. See map of Asia:

<http://www.maplandia.com/china/chongqing/wushan/> ---m3d

By m3dodds · #51799 · 6/21/09

Hypothermia (<https://groups.io/g/AAT/message/51793?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1240,64975959)

Perhaps... However, my point was the neocortex constitutes most of the brain, if you removed it there would be little left of the brain... to speak off... Example, no neocortex - would mean no occipit

By m3dodds · #51793 · 6/20/09

Orang-utans: Our Closest Relative? (<https://groups.io/g/AAT/message/51789?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1240,64975938)

But, a good response... DD. Would agree in term of morphology, chimps and humans don't seem all that close... Nor are they all that close in terms of DNA. In terms of DNA ... 99.96% would be close, ha

By m3dodds · #51789 · 6/20/09

Hypothermia (<https://groups.io/g/AAT/message/51788?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1240,64975959)

Would suggest without his Neocortex, Mario, being cold would be the least of his problems... Without a Neocortex he would not be able to stand upright, walk, see, hear, speak or think.. ---m3d Neocort

By m3dodds · #51788 · 6/20/09

Orang-utans: Our Closest Relative? (<https://groups.io/g/AAT/message/51778?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1240,64975938)

"Schwartz and Grehan say that genome similarities cannot be taken as conclusive evidence of the closeness of our evolutionary relationships to the other great apes. In their scenario, around 13 millio

By m3dodds · #51778 · 6/19/09

Late Pleistocene Demography and the Appearance of Modern Human Behavior

(<https://groups.io/g/AAT/message/51731?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1240,64975742>)

Possibly a little earlier, possibly 600,000 years ago. Changes noted in the bones of the ear in H.heid (Iberia) indicate they could have heard the spoken word as we do today. Heard sounds in the cruci

By m3dodds · #51731 · 6/16/09

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Fingerprints (<https://groups.io/g/AAT/message/51730?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1240,64975816)

Would have thought anyone with a half decent brain would realise that human flesh is not a solid... It is obviously more like rubber... it is living tissue, not metal. An where would our precursors ha

By m3dodds · #51730 · 6/16/09

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Late Pleistocene Demography and the Appearance of Modern Human Behavior

(<https://groups.io/g/AAT/message/51720?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1240,64975742)  
That could be the answer, DD. Gifted individuals as opposed to an organised society. The skills of a particular gifted individual dies with them, while on the other hand an organised society can accum

By m3dodds · #51720 · 6/15/09

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Late Pleistocene Demography and the Appearance of Modern Human Behavior

(<https://groups.io/g/AAT/message/51713?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1240,64975742)  
In their use of "transiently" ... do they mean something that did not last, had no lasting effect? Adv.: transiently - for a very short time ---m3d

By m3dodds · #51713 · 6/14/09

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Tail Loss: Gibbon Brachiating (<https://groups.io/g/AAT/message/51710?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1240,64975793)

Brachiating (gibbons) is a smooth fast fluid movement using both the hands and feet Adding a prehensile tail at best would represent a waste of valuable energy resources for the animal, and at worst a

By m3dodds · #51710 · 6/14/09

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Orang-utans: Swimming & Wading: answer to Marc and DDeden (<https://groups.io/g/AAT/message/51706?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1240,64975605)

Yes in the sense they nest in coastal forests (or did... coastal deforestation is forcing them to nest among the long grasses on the shore, where they are more at risk from predators - dogs, ferrets,

By m3dodds · #51706 · 6/14/09

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Late Pleistocene Demography and the Appearance of Modern Human Behavior

(<https://groups.io/g/AAT/message/51704?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1240,64975742)  
--- In AAT@..., Marc Verhaegen <m\_verhaegen@...> wrote: Wonder why archaeologists, are always hung-up on demographic explanations... it seems to be their answer for everything under the Su

By m3dodds · #51704 · 6/14/09

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Orang-utans: Swimming & Wading: answer to Marc and DDeden (<https://groups.io/g/AAT/message/51683?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1240,64975605)

Not all that soon... after. Hominoids (apes/Man) are said to have diverged from the OWM in the late Oligocene (around 24 million years ago). Which would make it 6-7 million years before the gibbons di

By m3dodds · #51683 · 6/13/09

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Thank you m3dodds (and a short definition of aquaexclusivism) (<https://groups.io/g/AAT/message/51672?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1240,64975654)

I agree with you, Renato, on both points. Aquaexclusivism, tends to weaken the arguments in favour of AAT. ---m3d

By m3dodds · #51672 · 6/13/09

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Orang-utans: Swimming & Wading: answer to Marc and DDeden (<https://groups.io/g/AAT/message/51671?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1240,64975605)

--- In AAT@..., "DDeden" <alas\_my\_loves@...> wrote: Interestingly the early Triassic precursor of frogs (Triadobatrachus) had a short tail... and it could not jump. Tail loss in frogs link

By m3dodds · #51671 · 6/13/09

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Orang-utans: Swimming & Wading: answer to Marc and DDeden (<https://groups.io/g/AAT/message/51670?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1240,64975605)

Perhaps, since they diverged 17-18 million years ago? Yes, though it would be more accurate to say Penguins - waddle bipedally, when out of the water. Indicators for brachiation - could be flexible sh

By m3dodds · #51670 · 6/13/09

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Orang-utans: Swimming & Wading: answer to Marc and DDeden (<https://groups.io/g/AAT/message/51666?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1240,64975605)

If the tail is being used as a counter-balance... while in motion... Not good comparisons. Atelids , are monkeys, NWM. Tarsiers, would fit into the palm of a human hand. (about the size of a large rod

By m3dodds · #51666 · 6/13/09

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Orang-utans: Swimming & Wading: answer to Marc and DDeden (<https://groups.io/g/AAT/message/51664?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1240,64975605)

Gibbons, are top notch brachiators. We have that in common with - birds. Because today, we have other uses for the coccyx. No need - Gibbons are top notch brachiators, have been since they diverged so

By m3dodds · #51664 · 6/13/09

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Orang-utans: Swimming & Wading: answer to Marc and DDeden (<https://groups.io/g/AAT/message/51642?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1260,64975605)

No idea... not sure that brachiation was a factor in tail loss in apes. Penguins, are birds... While it is the vestigial remnant of the tail it would not be much use today, if it was external as it st

By m3dodds · #51642 · 6/12/09

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Orang-utans: Swimming & Wading: answer to Marc and DDeden (<https://groups.io/g/AAT/message/51638?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1260,64975605)

Tail loss, classic view: locomotor changes. (swinging through the trees, instead of scrambling) IMO as it appears to coincide with the adoption of a more vertical spine, the tail as such simply became

By m3dodds · #51638 · 6/12/09

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"Pinwheeling Pangea" (<https://groups.io/g/AAT/message/51617?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1260,64972374)

Thanks, DD. The depiction of what Antarctica, the Gamburtsev mountains may have looked like before the continent was buried in ice... is very similar to present day north-western Europe. However if th

By m3dodds · #51617 · 6/11/09

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Orang-utans: Swimming & Wading (<https://groups.io/g/AAT/message/51615?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1260,64975516)

Agree, there are similarities, DD. If the hype surrounding certain aspects of orang-utan behaviour, works in the favour of the orang-utans... then that is for the good. <http://www.youtube.com/watch?v=>

By m3dodds · #51615 · 6/11/09

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Orang-utans: Swimming & Wading (<https://groups.io/g/AAT/message/51602?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1260,64975516)

O.k - though, it has no meaning in English. Warmer climes, would also have meant sea levels were higher in the Miocene. Parts of central and southern Europe would have been covered by shallow warm sea

By m3dodds · #51602 · 6/10/09

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Orang-utans: Swimming & Wading (<https://groups.io/g/AAT/message/51601?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1260,64975516)

Renato, I would have assumed all mammals (including humans) have the instinct to "swim" (dog paddle) if the fall into water deeper than they can safely wade through, with the only exceptions being tho

By m3dodds · #51601 · 6/10/09

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Orang-utans: Swimming & Wading (<https://groups.io/g/AAT/message/51597?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1260,64975516)

Yes, they are beautiful pictures... Perhaps, its in the genes... possibly the precursors of today's apes (including Man), were predominately aqua-arboreal in the Miocene. ---m3d

By m3dodds · #51597 · 6/10/09

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Orang-utans: Swimming & Wading (<https://groups.io/g/AAT/message/51596?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1260,64975516)

Not so certain, DD. Even it were hyped, if it works in the favour of the Orang-utan conservation, then the more it is hyped the better. Again, not so certain. Not sure you could persuade even a semi-w

By m3dodds · #51596 · 6/10/09

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Orang-utans: Swimming & Wading (<https://groups.io/g/AAT/message/51582?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1260,64975516)

Possible... but it is also possible that these Orang-utans went for a swim. [quote] "Wildlife experts were astonished to see the orang-utans'

aquatic display in a river on Borneo. 'This is a rarity -

By m3dodds · #51582 · 6/09/09

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Orang-utans: Swimming & Wading (<https://groups.io/g/AAT/message/51577?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1260,64975516)

Orangutans swim through the waters of the Rungan River, Central Borneo, Indonesia Daily Telegraph: Earth Picture Galleries

<http://tinyurl.com/lmow7o> Image 5. is remarkable, an Orang-utan up to its neck

By m3dodds · #51577 · 6/09/09

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uninformed savanna believers (<https://groups.io/g/AAT/message/51576?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1260,64975451)

What Adrienne Zihlman had to say on the AAT was published in New Scientist, nearly two decades ago. If this is the only critique opponents of AAT can find, then they must be really getting desperate ..

By m3dodds · #51576 · 6/09/09

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Art 45ka, What happened? (<https://groups.io/g/AAT/message/51568?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1260,64975399)

You could be right, as those caves could easily have been occupied by others - from H.heid to H.s.s Some argue that Gibraltar was the last refuge of the Neanderthals when the ice returned, during the

By m3dodds · #51568 · 6/08/09

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Art 45ka, What happened? (<https://groups.io/g/AAT/message/51545?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1260,64975399)

Possible. Storage and preservation could easily have been the use some sea(shore) caves were put too. As apparently some caves were occupied for a considerable number of years. Some caves in Gibraltar

By m3dodds · #51545 · 6/07/09

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Art 45ka, What happened? (<https://groups.io/g/AAT/message/51533?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1260,64975399)

Perhaps, your right on climate (caves in winter would also have had other occupants - bears - cave bears). A lot of cave art too, the depiction of animals, seems to be linked to rituals surrounding hu

By m3dodds · #51533 · 6/06/09

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Waterside Hypotheses of Human Evolution Discussion on the Richard Dawkins forum

(<https://groups.io/g/AAT/message/51529?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1260,64975411>)

Welcome back, Algis. Took the opportunity this morning, to read a few of your and your opponents posts over at the RDF ... was like taking a step back in time, as if nothing had changed in the last th

By m3dodds · #51529 · 6/06/09

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Art 45ka, What happened? (<https://groups.io/g/AAT/message/51527?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1260,64975399)

--- In AAT@..., "DDeden" <alas\_my\_loves@...> wrote: Thanks,DD. Wonder why archaeologists, are always hung-up on demographic explanations... it seems to be their answer for everything under

By m3dodds · #51527 · 6/06/09

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Great ape laughter roots (<https://groups.io/g/AAT/message/51509?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1260,64975377)

"Gorillas and bonobos are able to make laughter sounds while breathing out for three-four times longer than their normal breathing cycle which was unexpected and shows they have some control of their

By m3dodds · #51509 · 6/05/09

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New molecular clock to date human migrations (<https://groups.io/g/AAT/message/51506?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1260,64975370)

--- In AAT@..., "DDeden" <alas\_my\_loves@...> wrote: Extispicy... > > <http://www.sciencedaily.com/releases/2009/06/090604124023.htm> >

By m3dodds · #51506 · 6/05/09

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"Missing Link" Could Add Mediterranean Chapter to Story of Human Evolution

(<https://groups.io/g/AAT/message/51497?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1260,64975357>)

--- In AAT@..., "mario.petrinovic" "What's unique about this hominoid, aptly named LLuc or enlightenment in Latin, is that it has a very modern face... In other words it's got a reduced fa

By m3dodds · #51497 · 6/04/09

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On Mario's waterside cliff-climbing & forehead radiation (<https://groups.io/g/AAT/message/51470?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1260,64975237)

next to cool water, while equatorial climate humans like to sit in the shade next to warm water. No, just on our limitations. Have always argued that our ancestors dived, swam and foraged in shallow w

By m3dodds · #51470 · 6/03/09

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Congo diving monkey: Allen's swamp monkey (<https://groups.io/g/AAT/message/51469?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1280,64975217)

Macaques swimming, swimming underwater, foraging eating underwater in shallow warm water... seem well adapted to aquatic foraging. That probably was the case during the Miocene, when the climate was w

By m3dodds · #51469 · 6/03/09

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Tool Use: Began in the Forest? (<https://groups.io/g/AAT/message/51444?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1280,64975182)

Perhaps, once they discovered fire. Bees do sting, but possibly wild bees are a lot more aggressive. One advantage chimps could have, could be a lot more body hair (less bare skin, to sting). Tool use

By m3dodds · #51444 · 6/02/09

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Congo diving monkey: Allen's swamp monkey (<https://groups.io/g/AAT/message/51443?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1280,64975217)

--- In AAT@..., "DDeden" <alas\_my\_loves@...> wrote: Thanks, DD. Would seem monkeys have no hang-ups about getting wet, will forage in water if it is to their advantage. While some macaques

By m3dodds · #51443 · 6/02/09

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On Mario's waterside cliff-climbing & forehead radiation (<https://groups.io/g/AAT/message/51442?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1280,64975237)

Yes, the human brain is more heat sensitive, reacts badly to overheating, but in some circumstances can survive cooling. It is cooling the skin that removes the heat, either by sweating, radiating or

By m3dodds · #51442 · 6/02/09

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On Mario's waterside cliff-climbing & forehead radiation (<https://groups.io/g/AAT/message/51439?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1280,64975237)

Two comments... The forehead, the face, the neck and upper torso are quick ways to cool the brain by sweating, particularly the forehead. Most people when they feel too warm will first attempt to cool

By m3dodds · #51439 · 6/02/09

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Congo diving monkey: Allen's swamp monkey (<https://groups.io/g/AAT/message/51429?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1280,64975217)

Another monkey species that swims and dives... Does this one swim and feed underwater like the Macaques, or does it just take refuge in swamp water from predators? Western Congo Swamp Forests: <http://>

By m3dodds · #51429 · 6/01/09

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Tool Use: Began in the Forest? (<https://groups.io/g/AAT/message/51411?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1280,64975182)

"Chimpanzees living in central Africa's dense forests have no access to a hardware store, but that doesn't stop them from assembling their own brand of toolkits. These apes use as many as five homemade

By m3dodds · #51411 · 5/30/09

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Common Ancestor: 47 million years ago? (<https://groups.io/g/AAT/message/51400?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1280,64975003)

There certainly is a lot of publicity surrounding this fossil find. Revealing The Link <http://www.revealingthelink.com/>  
<http://www.revealingthelink.com/the-discovery/messel-pit> <http://www.revealingthe>

By m3dodds · #51400 · 5/29/09

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Hyoid bone: First words, first Humans... (<https://groups.io/g/AAT/message/51386?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1280,64974927)

--- In AAT@..., "Rob Dudman" <ausell@...> wrote: Hello Rob... > > Hello m3d.....we've engaged with what just might > be the most complex and intractable of all the questions > involved

By m3dodds · #51386 · 5/28/09

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Breath hold diving (<https://groups.io/g/AAT/message/51369?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1280,64975069)

"The relatively high prevalence of DLCO alterations found suggests caution on the safety of breath-hold diving activities." Repeated breath holding diving, a risky activity? ---m3d

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### Hyoid bone: First words, first Humans... (<https://groups.io/g/AAT/message/51351?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1280,64974927)

--- In AAT@..., "Rob Dudman" <ausell@...> wrote: Hello Rob... > Hello m3d..... > > > > "Those first words came from Homo heidelbergensis - > > > the species of early human roaming t

By m3dodds · #51351 · 5/25/09

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### Common Ancestor: 47 million years ago? (<https://groups.io/g/AAT/message/51331?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1280,64975003)

"For their part, the authors of the new paper clearly lean toward the idea that Ida is one of our distant ancestors. They don't claim they've proved it, though — in fact, they carefully include a disc

By m3dodds · #51331 · 5/23/09

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### Hyoid bone: First words, first Humans... (<https://groups.io/g/AAT/message/51326?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1280,64974927)

--- In AAT@..., "Rob Dudman" <ausell@...> wrote: Hello Rob... > Hello m3d..... > > > > "Those first words came from Homo heidelbergensis - > > the species of early human roaming the earth

By m3dodds · #51326 · 5/22/09

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### Hyoid bone: First words, first Humans... (<https://groups.io/g/AAT/message/51294?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1280,64974927)

Your welcome, Elaine. One other crucial change that may have been necessary for evolution of speech and language, would have been the ability to hear the sounds spoken. Loud and clear Fossil finds sug

By m3dodds · #51294 · 5/19/09

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### Climate Cooling: The Role Of The Indonesian Gateway (<https://groups.io/g/AAT/message/51292?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1280,64974931)

"One of the mysteries of the Earth's history is the fundamental climate change in the Mid Pliocene, about 3.5-2.5 million years ago. By that time warm climate conditions ended and the ice caps in the

By m3dodds · #51292 · 5/19/09

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### Hyoid bone: First words, first Humans... (<https://groups.io/g/AAT/message/51291?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1280,64974927)

"Those first words came from Homo heidelbergensis – the species of early human roaming the earth when our anatomy changed to allow complex speech. Heidelbergensis, believed to be the related to both m

By m3dodds · #51291 · 5/19/09

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### Dental speech (<https://groups.io/g/AAT/message/51290?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1280,64974901)

DD. Get the bit about the trigeminal nerve, but what's the link with hyoids in pigs? It is no surprise H.neandertal had the capacity for speech, since the common ancestor of both neandertals and sapie

By m3dodds · #51290 · 5/19/09

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### Chad - Toumai and the P/H Split (<https://groups.io/g/AAT/message/51284?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1280,64974671)

--- In AAT@..., "Rob Dudman" <ausell@...> wrote: Hello Rob... > Hello m3d..... > > > > 'Children comprise about one-third of the dead, > > > indicating a relatively high mortality among

By m3dodds · #51284 · 5/18/09

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### Temperature control in marine mammals (<https://groups.io/g/AAT/message/51269?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1280,64974715)

Not following the link you are making between the closure of the Tethys seaway (closure of the eastern end of the Med. sea) and low sea-levels, DD. Isn't there is a least 10-12 million years between t

By m3dodds · #51269 · 5/17/09

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### Lake Lisan, Lake Assal (<https://groups.io/g/AAT/message/51245?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1280,64974776)

Lake Assal: "The area is wild and desert-like, and no fauna or flora can be seen in the syrupy waters of the lake. The high temperature of the water (33-34 °C) favors evaporation, and it is surrounded

By m3dodds · #51245 · 5/16/09

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### Temperature control in marine mammals (<https://groups.io/g/AAT/message/51244?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1300,64974715)

Perhaps the eastern Med., the eastern shore of the Med. and inlets, sheltered inlets on the Greek and Turkish coasts... The Indian ocean coast is doubtful. But a possibility could have been the warm w

By m3dodds · #51244 · 5/16/09

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Chad - Toumai and the P/H Split (<https://groups.io/g/AAT/message/51243?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1300,64974671)

--- In AAT@..., "Rob Dudman" <ausell@...> wrote: Hello Rob ... > > Hello m3d..... > > > Like yourself I checked out a few more sources on > > the Natufians, as I think we may be getting

By m3dodds · #51243 · 5/16/09

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Temperature control in marine mammals (<https://groups.io/g/AAT/message/51208?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1300,64974715)

The Red Sea possibly qualifies as a warm sea, perhaps sheltered inlets on the Afar coast of that sea. The Dead sea is another possibility, not sure about the Sea of Galilee but it is possibility. Thin

By m3dodds · #51208 · 5/15/09

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Temperature control in marine mammals (<https://groups.io/g/AAT/message/51202?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1300,64974715)

Ideal water temp. for resting in water (back-floating) is 33-35.C Below 33.C - body heat is lost... Heat loss in water is 25 times faster than in air. (32 times faster in cold water) "ACSM's advanced

By m3dodds · #51202 · 5/15/09

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Chad - Toumai and the P/H Split (<https://groups.io/g/AAT/message/51177?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1300,64974671)

Hello Rob... Like yourself I checked out a few more sources on the Natufians, as I think we may be getting misled to some extent by seeing child mortality as a 'cluster' involving 5-7 year olds. Under

By m3dodds · #51177 · 5/14/09

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dehydrated runners (<https://groups.io/g/AAT/message/51164?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1300,64974637)

--- In AAT@..., Marc Verhaegen <m\_verhaegen@...> wrote: Thanks, Marc. These 'secrets' about sweating confirm what I have suspected, humans did not evolve in the tropics... "To Adolph, this

By m3dodds · #51164 · 5/13/09

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Parkour in the rocks (Was: Chad - Toumai and the P/H Split) (<https://groups.io/g/AAT/message/51151?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1300,64974615)

Perhaps... PK could've be one way for an agile ground ape to get around. ---m3d

By m3dodds · #51151 · 5/12/09

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Chad - Toumai and the P/H Split (<https://groups.io/g/AAT/message/51150?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1300,64973594)

--- In AAT@..., "Rob Dudman" <ausell@...> wrote: Hello Rob .... > Hello m3d..... > > > Settlements, the settle way of life and settlements is > > thought to have begun among the Natufian

By m3dodds · #51150 · 5/12/09

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Savannah Theory still going strong (<https://groups.io/g/AAT/message/51131?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1300,64974567)

--- In AAT@..., "William Bond" <wabond@...> wrote: They had no other option, other than to admit that they followed in the footsteps of those that had been taking that route in and out of

By m3dodds · #51131 · 5/11/09

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Savannah Theory still going strong (<https://groups.io/g/AAT/message/51129?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1300,64974567)

Having seen the press releases and the BBC promo for the drivel they broadcast last night. I did not watch the program. The tv series is obviously an attempt to revive the discredited 'savanna' theory

By m3dodds · #51129 · 5/11/09

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Hobbit foot, hippo skulls deepen ancestral mystery (<https://groups.io/g/AAT/message/51091?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1300,64974338)

Agree, they probably did not have a MVP to survive for long, perhaps they got trapped on the island when sea rose as the last ice-age ended. Scientists uncover how last ice age ended <http://www.rsc.or>

By m3dodds · #51091 · 5/09/09

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Hobbit foot, hippo skulls deepen ancestral mystery (<https://groups.io/g/AAT/message/51082?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1300,64974338)

Then the two papers contradict each other. Inbreeding depression seem very likely in an population isolated on an island for thousands of years. A minimum viable population (MVP) for many species is t

By m3dodds · #51082 · 5/09/09

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Hobbit foot, hippo skulls deepen ancestral mystery (<https://groups.io/g/AAT/message/51064?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1300,64974338)

The conclusion of this paper... is that they are the result of abnormal development. ---m3d Comparative Skeletal Features Between Homo floresiensis and Patients With Primary Growth Hormone Insensitivity

By m3dodds · #51064 · 5/08/09

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Hobbit foot, hippo skulls deepen ancestral mystery (<https://groups.io/g/AAT/message/51051?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1300,64974338)

--- In AAT@..., Marc Verhaegen <m\_verhaegen@...> wrote: Thick skulls, tiny brains, small bodies, curved hands, short legs and flat feet .... Sound like, its a malformed a'pith. ---m3d > >

By m3dodds · #51051 · 5/08/09

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Chad - Toumai and the P/H Split (<https://groups.io/g/AAT/message/51050?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1300,64973594)

--- In AAT@..., "Rob Dudman" <ausell@...> wrote: Hello Rob .... > Hello m3d..... > > > > As a matter of interest....how would you define 'dumb > > > decisions'? > > > In this context,

By m3dodds · #51050 · 5/08/09

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Tunis-Italy late Cretaceous map (<https://groups.io/g/AAT/message/51047?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1300,64974392)

It seems anoxic oceans occurred during times when the Earth had a hot-house climate (the present climate is an ice-house one). <http://www.scotese.com/climate.htm> <http://www.searchanddiscovery.com/docu>

By m3dodds · #51047 · 5/08/09

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Hss brow ridges - chewing? (<https://groups.io/g/AAT/message/51025?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1300,64974324)

Unlikely ... in modern Hss, who seems to have lost torus but has retained the ridge, possibly as a means to reinforce the weak bones of the Hss face, protect the eyes. Big, heavy, prominent shelf-like

By m3dodds · #51025 · 5/06/09

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Sea Beneath the Sand (<https://groups.io/g/AAT/message/51012?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1300,64974298)

"Look at a map of North Africa from Egypt to Algeria. Almost everything outside the Nile Valley and south of the coastal plain appears to be lifeless sand and gravel deserts, spotted here and there wi

By m3dodds · #51012 · 5/05/09

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Chad - Toumai and the P/H Split (<https://groups.io/g/AAT/message/51009?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1300,64973594)

--- In AAT@..., "Rob Dudman" <ausell@...> wrote: Hello Rob ... > > Hello m3d..... > > > > Possibly humans, simply make more dumb decisions, > > because they have to make more decisions in

By m3dodds · #51009 · 5/05/09

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Opposable big toe (<https://groups.io/g/AAT/message/51000?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1300,64974242)

No, humans walk with their feet. The hallux/big-toe is an integral part of the foot. We use it to walk, it is how we walk, it is the last part of the foot to push off the ground, as you take your next

By m3dodds · #51000 · 5/04/09

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Opposable big toe (<https://groups.io/g/AAT/message/50996?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1320,64974242)

An aligned 'big toe' is an essential part of the foot, the foot we use when walking, it is simply an adaptation for bipedalism in Humans. Birds, most birds ... do have opposing toes, it would be somew

By m3dodds · #50996 · 5/04/09

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AAGT, Re: Poll: 5ma-500ka, Where did human ancestors sleep? (<https://groups.io/g/AAT/message/50984?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1320,64974112)

Why would an animal evolving towards a full time bipedal gait, become quadrupedal simply because it sleeps on the ground? Apes have vertical spines, true quadrupedal animals have horizontal spines, an  
By m3dodds · #50984 · 5/03/09

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Central Asia - Caspian- middle east, Europe (<https://groups.io/g/AAT/message/50982?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1320,64974225)

Perhaps climate, there was a brief cool period at the start of the Neolithic for about a 1000 years. The Neolithic culture is thought to have originated among the Natufian, in the Levant. Natufian cul  
By m3dodds · #50982 · 5/03/09

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AAGT, Re: Poll: 5ma-500ka, Where did human ancestors sleep? (<https://groups.io/g/AAT/message/50970?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1320,64974112)

Don't think we have any quadrupedal heritage, unless we go right back to the time of the first mammals, the time before mammals took to the trees. Perhaps our early ancestors had no real nocturnal pred  
By m3dodds · #50970 · 5/02/09

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Chad - Toumai and the P/H Split (<https://groups.io/g/AAT/message/50947?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1320,64973594)

--- In AAT@..., "Rob Dudman" <ausell@...> wrote: Hello Rob .... > > > > .....engage in much public discussion about it.  
> > > Let's hope that more fossils turn u  
By m3dodds · #50947 · 5/01/09

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AAGT, Re: Poll: 5ma-500ka, Where did human ancestors sleep? (<https://groups.io/g/AAT/message/50944?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1320,64974112)

etc.). There is so much unknown, and so little clear evidence, However humans slept - whether in family or communal ground-nests, they must have done so with some confidence in their safety. Their gro  
By m3dodds · #50944 · 5/01/09

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AAGT, Re: Poll: 5ma-500ka, Where did human ancestors sleep? (<https://groups.io/g/AAT/message/50928?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1320,64974112)

Yes, would think once our precursors left the shore, moved inland (H.erectus?) ... became more nomadic, they may have used initially caves, before moving to temporary shelters for sleeping as tool use  
By m3dodds · #50928 · 4/30/09

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Poll: 5ma-500ka, Where did human ancestors sleep? (<https://groups.io/g/AAT/message/50923?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1320,64974089)

--- In AAT@..., "DDeden" <alas\_my\_loves@...> wrote: Voted, DD. For the most likely option, before 2.Mya. Gorilla like, ground sleeping nests. -  
--m3d > I've put together a quick survey, to  
By m3dodds · #50923 · 4/30/09

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Chad - Toumai and the P/H Split (<https://groups.io/g/AAT/message/50922?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1320,64973594)

--- In AAT@..., "Rob Dudman" <ausell@...> wrote: Hello Rob .... > > > > Perhaps, but would not the mud dry out as the lake >  
> shrank in size? > > > I should imagine so...  
By m3dodds · #50922 · 4/30/09

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Collective Minds: Collective Decision Making (<https://groups.io/g/AAT/message/50887?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1320,64974041)

" At first scouts dance for a wide variety of sites, perhaps 20 or 30. The dance encodes the direction and distance to the cavity, and the more enthusiastic a scout is, the more times she repeats her  
By m3dodds · #50887 · 4/29/09

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Dinosaur Demise Came 300,000 Years After Crater, Scientists Say (<https://groups.io/g/AAT/message/50885?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1320,64973983)

--- In AAT@..., Marc Verhaegen <m\_verhaegen@...> wrote: " These views have not made Keller a popular figure at meteorite impact meetings.  
"For a long time she's been in a very uncomfortabl  
By m3dodds · #50885 · 4/29/09

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OT: Bang goes another theory ... (<https://groups.io/g/AAT/message/50854?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1320,64973961)

"We found that not a single species went extinct as a result of the Chicxulub impact," said Professor Keller. "The popular theory that dinosaurs were wiped out by an asteroid 65million years ago has  
By m3dodds · #50854 · 4/27/09

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Chad - Toumai and the P/H Split (<https://groups.io/g/AAT/message/50852?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1320,64973594)

--- In AAT@..., "Rob Dudman" <ausell@...> wrote: Hello Rob .... > > Hello m3d..... > > > One of your links, this morning led me to another then to > > this article ... despite its rather

By m3dodds · #50852 · 4/27/09

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The End of Eating Meat? (<https://groups.io/g/AAT/message/50842?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1320,64973942)

"By around 500,000 years ago, the larger, more upright Homo erectus was using crude weapons to hunt rodents, reptiles, even small deer. Erectus was still an omnivore and ate wild fruit, tubers, eggs,

By m3dodds · #50842 · 4/26/09

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He Brain shrank, with cooking or expanding inland? (<https://groups.io/g/AAT/message/50838?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1320,64973933)

So, apart from being more likely to succumb to heart disease and cancer, meat eating H.erectus lost out too when it came to brain size ... Guess meat-eating - goes someway to explain why the H.e brain

By m3dodds · #50838 · 4/26/09

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Chad - Toumai and the P/H Split (<https://groups.io/g/AAT/message/50822?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1320,64973594)

--- In AAT@..., "Rob Dudman" <ausell@...> wrote: Hello Rob ... > > Hello m3d..... > > On Gover.....who I think might need an editor who can > help him with the English language. :-) > :-)

By m3dodds · #50822 · 4/25/09

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Missing posts (<https://groups.io/g/AAT/message/50805?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1320,64973810)

Yahoo ... is aware of the problem, a problem that has seemingly become the norm since they started the move to the new servers. Check the Groups blog ... for the latest update on this problem: <http://>

By m3dodds · #50805 · 4/24/09

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Chad - Toumai and the P/H Split (<https://groups.io/g/AAT/message/50804?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1320,64973594)

--- In AAT@..., "Rob Dudman" <ausell@...> wrote: Hello Rob ... > Hello m3d..... > > > > > Maybe what we > > have here is an 8 Mya

By m3dodds · #50804 · 4/24/09

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Chad - Toumai and the P/H Split (<https://groups.io/g/AAT/message/50792?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1320,64973594)

--- In AAT@..., "Rob Dudman" <ausell@...> wrote: Hello Rob ... > > Hello m3d..... > > > > > 'Dry and humid grasslands' sounds very much like the > > > > monsoonal definition of

By m3dodds · #50792 · 4/23/09

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PA on AAT (<https://groups.io/g/AAT/message/50790?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1320,64973833)

Macaques (primates), in water, swimming in water. Swimming underwater, feeding underwater ... <http://www.youtube.com/watch?v=aVrquzV9h20> Baboons v. Crocs <http://www.youtube.com/watch?v=aG1ADoArToE&NR=>

By m3dodds · #50790 · 4/23/09

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Chad - Toumai and the P/H Split (<https://groups.io/g/AAT/message/50762?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1340,64973594)

Hello Rob ... If the R/V was a contact virus, one transmitted by physical contact ... it could probably have been physically limited to Africa. Sea levels before glaciation in the northern hemisphere

By m3dodds · #50762 · 4/22/09

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Chad - Toumai and the P/H Split (<https://groups.io/g/AAT/message/50767?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1340,64973594)

--- In AAT@..., "Rob Dudman" <ausell@...> wrote: Hello Rob ... > > Hello m3d..... > > > > .....I wonder what the death-toll > > threshold is for a disease to

By m3dodds · #50767 · 4/22/09

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Evading the RetroVirus - 4 to 3 Mya (<https://groups.io/g/AAT/message/50747?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1340,64973752)

If innate immunity for H. were the explanation, then I would guess species outside of Africa (Po) simply evaded infection by being elsewhere. Its an intriguing possibility, but I still think the precu  
By m3dodds · #50747 · 4/21/09

### Evading the RetroVirus - 4 to 3 Mya (<https://groups.io/g/AAT/message/50745?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1340,64973752)

Agree, of the three answers, it is the most likely explanation (and the one I favour), but H. having innate immunity to the RV (PTERV1) remains an intriguing explanation ... <http://www.fhcrc.org/about>

By m3dodds · #50745 · 4/21/09

### Chad - Toumai and the P/H Split (<https://groups.io/g/AAT/message/50744?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1340,64973594)

--- In AAT@..., "Rob Dudman" <ausell@...> wrote: Hello Rob ... > > > Hello m3d..... > > > > It doesn't affect your point at all, but is it known > > that the infections were actual

By m3dodds · #50744 · 4/21/09

### Evading the RetroVirus - 4 to 3 Mya (<https://groups.io/g/AAT/message/50737?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1340,64973752)

"Several speculative scenarios may be envisioned to explain the absence of retrovirus in both the orangutan and human lineages. It is possible that the African apes evolved a susceptibility, or humans

By m3dodds · #50737 · 4/21/09

### Chad - Toumai and the P/H Split (<https://groups.io/g/AAT/message/50721?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1340,64973594)

:-) Perhaps, but I think the opposite is actually the case. Only a small percentage are in the `box' . The largest percentage tend to go along with the prevailing view ... the `majority' view ... for

By m3dodds · #50721 · 4/20/09

### Chad - Toumai and the P/H Split (<https://groups.io/g/AAT/message/50699?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1340,64973594)

Hello Rob ... Life's to short to convert anybody, it's a lot more interesting to find out for yourself how we came to be here ... I tend to define 'savanna lobby' as having the inability to think outs

By m3dodds · #50699 · 4/19/09

### Chad - Toumai and the P/H Split (<https://groups.io/g/AAT/message/50682?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1340,64973594)

Yes, the Pickford/Leakey controversy got a little messy not long after Pickford and Senut discovered Orrorin. (Leakey even had Pickford, arrested and jailed) However, one correct conclusion Pickford a

By m3dodds · #50682 · 4/18/09

### apiths couldn't climb like chimps? (<https://groups.io/g/AAT/message/50676?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1340,64973512)

Our Ancestors Were No Swingers Humans descended from apes that lived in trees, but researchers have been battling over whether the earliest humans remained agile climbers when they started walking upr

By m3dodds · #50676 · 4/18/09

### Chad - Toumai and the P/H Split (<https://groups.io/g/AAT/message/50675?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1340,64973594)

Hello Rob ... Thanks for the links. (very informative) It is curious why it is always finds by French, Spanish and others, not English or American anthropologists that are always deemed controversial

By m3dodds · #50675 · 4/18/09

### Chimps ambidextrous? (<https://groups.io/g/AAT/message/50667?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1340,64973601)

Chimps ambidextrous when digging wells. Measurements of water holes dug in the wild suggest that these apes don't have right versus left preference. [quote] "We see no signs of handedness among the Se

By m3dodds · #50667 · 4/17/09

### Chad - Toumai and the P/H Split (<https://groups.io/g/AAT/message/50664?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1340,64973594)

Chad is where Toumai was found, an while I am not for a moment suggesting that Toumai is a direct ancestor of H. it is an indicator from that part of Africa, of what a possible P/H - LCA may have been

(PSR) MSR | MDR? Jordan Valley? (questions arising) (<https://groups.io/g/AAT/message/50651>?

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1340,64973383)

While Chad is the most likely location in north Africa for where P and H split, it is unlikely that the ancestors of Homo (genus Homo) remained in the vicinity of the lake for long after the P/H split

By m3dodds · #50651 · 4/16/09

apiths couldn't climb like chimps? (<https://groups.io/g/AAT/message/50647>?

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1340,64973512)

Doubtful - Considering the length of the Pliocene, it is highly unlikely that only two specific forests would have existed on the entire continent, and existed unchanged for more than 3 million years.

By m3dodds · #50647 · 4/16/09

(PSR) MSR | MDR? Jordan Valley? (questions arising) (<https://groups.io/g/AAT/message/50645>?

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1340,64973383)

DD, Rob I would like to add a word here in favour of Chad being where P/H split. IMO somewhere in the area of lake Chad is where they went their separate ways some 4.5/5 mya. It is where Toumai was fo

By m3dodds · #50645 · 4/16/09

apiths couldn't climb like chimps? (<https://groups.io/g/AAT/message/50640>?

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1340,64973512)

Yes, G is not P, G split earlier. Gorillas are ground foragers, only occasionally climbing to feed, an usually only the young do so. Would say the H/P LCA originally lived closer to where it split fr

By m3dodds · #50640 · 4/16/09

apiths couldn't climb like chimps? (<https://groups.io/g/AAT/message/50630>?

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1340,64973512)

Perhaps. But, I would have said part-time bipedal ground feeder (which does not exclude wading and like), not a hanger - climber (adult gorillas for example, spend most of their time on the ground). A

By m3dodds · #50630 · 4/15/09

apiths couldn't climb like chimps? (<https://groups.io/g/AAT/message/50624>?

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1340,64973512)

Not unexpected, if the ancestors of the chimpanzees became more of an arboreal animal after the P/H split, which appears to be the case. H probably remained closer to the LCA, in terms of locomotion,

By m3dodds · #50624 · 4/15/09

(PSR) MSR | MDR? Jordan Valley? (questions arising) (<https://groups.io/g/AAT/message/50623>?

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1340,64973387)

--- In AAT@..., "Rob Dudman" <ausell@...> wrote: Hello Rob ... > Hello m3d..... > > > > > 1.8 mya is the date, the date the second Nile river > > > is said to have run dry ... an at

By m3dodds · #50623 · 4/15/09

(PSR) MSR | MDR? Jordan Valley? (questions arising) (<https://groups.io/g/AAT/message/50601>?

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1360,64973387)

--- In AAT@..., "Rob Dudman" <ausell@...> wrote: Hello Rob ... > > Hello m3d. > > > > But, can I ask where Gona and Garhi fit in? > > I assume you are talking about the ages of the Gona >

By m3dodds · #50601 · 4/14/09

3 marine invasions in Turkana? (<https://groups.io/g/AAT/message/50588>?

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1360,64973404)

Agree. Have read that the Lake level was once much higher than it is today, by as much as 75 metres - judging by the evidence of older shorelines. (it is said to have dropped 10 metres in the last dec

By m3dodds · #50588 · 4/13/09

3 marine invasions in Turkana? (<https://groups.io/g/AAT/message/50584>?

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1360,64973404)

Punctuated equilibrium - punctured ... ---m3d

By m3dodds · #50584 · 4/13/09

(PSR) MSR | MDR? Jordan Valley? (questions arising) (<https://groups.io/g/AAT/message/50583>?

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1360,64973387)

-) If you can put together a high-end computer, and hook it to a satellite dish ... I don't think you need worry, yet ... But, can I ask where Gona and Garhi fit in? I assume you are talking about th  
By m3dodds · #50583 · 4/13/09

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(PSR) MSR | MDR? Jordan Valley? (questions arising) (<https://groups.io/g/AAT/message/50579?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1360,64973387)

Hello Rob ... DD's original post, has led to a very intriguing and wide ranging discussion ... on the Levant and the Nile. To answer the second of your points ... The dates 3.3 to 1.8 mya - simply ref  
By m3dodds · #50579 · 4/13/09

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(PSR) MSR | MDR? Jordan Valley ? (<https://groups.io/g/AAT/message/50578?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1360,64973310)

Yes, a pipeline would be more efficient, think the Israelis proposed three from the Med. Others argue for restoring the Jordan river, as a means of saving the Dead sea. <http://tinyurl.com/cat6cw> Howe  
By m3dodds · #50578 · 4/13/09

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(PSR) MSR | MDR? Jordan Valley ? (<https://groups.io/g/AAT/message/50571?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1360,64973310)

Thanks, DD. That massive canyon under Cairo was created by the first of the Nile rivers, just shows you the power of water. An arm of the newly re-filled Med sea is said to have inundated the Nile val  
By m3dodds · #50571 · 4/12/09

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(PSR) MSR | MDR? Jordan Valley ? (<https://groups.io/g/AAT/message/50561?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1360,64973310)

Do you know which incarnation of the Nile river it was? (there are five) NASA claimed a couple of years ago that they had detected an older course of the Nile, that once looped westwards through the S  
By m3dodds · #50561 · 4/11/09

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(PSR) MSR | MDR? Jordan Valley ? (<https://groups.io/g/AAT/message/50557?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1360,64973310)

--- In AAT@..., "DDeden" <alas\_my\_loves@...> wrote: DD, IMO your speculation about the Levant as a possible home for the ancestors of Homo(genus) is more than reasonable. The PaleoNile (2n  
By m3dodds · #50557 · 4/10/09

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Omega-3s May Benefit Newborns, Menopausal Women and Obese Individuals

(<https://groups.io/g/AAT/message/50528?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1360,64973213>)

Would agree 110%, Dan ... Simply poo-hooing the numerous studies that have shown the health benefits of Omega-3/DHA/AA, the benefits of including a marine component in the human diet, makes no ratio  
By m3dodds · #50528 · 4/08/09

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Tails & teeth: ancient gelada - swamp-arboreal or plains grazer? (<https://groups.io/g/AAT/message/50495?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1360,64973184)

DD. This blog - The Caveman's corner - has a reconstruction of the monkey Theropithecus oswaldi ...that may answer your question. It looks like some mythological creature. <http://blogs.scienceforums.n>  
By m3dodds · #50495 · 4/06/09

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Eating Fish - 'could cut prostate cancer risk' (<https://groups.io/g/AAT/message/50461?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1360,64972739)

--- In AAT@..., "Rob Dudman" <ausell@...> wrote: Hello Rob .... >> Hello m3dodds..... >>> Mental inertia, group think, herd thinking - Mindsets, >> how the human brain, the human mi  
By m3dodds · #50461 · 4/05/09

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Eating Fish - 'could cut prostate cancer risk' (<https://groups.io/g/AAT/message/50423?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1360,64972739)

Mental inertia, group think, herd thinking - Mindsets, how the human brain, the human mind perceives the reality of its senses. Regrettably - it is still possible for someone to be fully trained in th  
By m3dodds · #50423 · 4/03/09

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Eating Fish - 'could cut prostate cancer risk' (<https://groups.io/g/AAT/message/50397?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1360,64972739)

--- In AAT@..., "Rob Dudman" <ausell@...> wrote: Hello Rob .... >> Hello m3dodds..... >>>> That reconstruction by Baba could be the portrait >>> of a man I knew in my early days a

Early humans 'did not kill deformed offspring' (<https://groups.io/g/AAT/message/50391?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1360,64972957)

"Studies on a human skull recently unearthed in Spain offer the earliest evidence that ancestors of Homo sapiens did not reject newborns with severe deformities but cared for them alongside their othe

By m3dodds · #50391 · 4/01/09

OT: Rodinia propeller, North America as hub center (<https://groups.io/g/AAT/message/50389?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1360,64972949)

--- In AAT@..., "DDeden" <alas\_my\_loves@...> wrote: Excellent links, DD. > > 750ma: We can see that once again the continents are assembled > into a supercontinent, only this time North Am

By m3dodds · #50389 · 4/01/09

Eating Fish - 'could cut prostate cancer risk' (<https://groups.io/g/AAT/message/50388?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1360,64972739)

--- In AAT@..., "Rob Dudman" <ausell@...> wrote: Hello Rob .... > > Hello m3dodds..... > > > > http://www.nhmag.com/master.html? http://www.nhmag.com/0204/0204\_feature.html > > > That reco

By m3dodds · #50388 · 4/01/09

Thick-Heads: Homo erectus (<https://groups.io/g/AAT/message/50370?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1360,64972883)

They look as about as hydrodynamic as a lump of concrete, with their flat, squat, thick skulls. A bulbous shape is far better underwater. --- m3d

By m3dodds · #50370 · 3/31/09

Expanding Earth - Plate Tectonics (<https://groups.io/g/AAT/message/50354?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1360,64972785)

More a question of constant change, constant movement as continents assemble and break up ... Supercontinents are seldom stable. (too much weight) Collections of islands scattered across the globe wer

By m3dodds · #50354 · 3/30/09

Eating Fish - 'could cut prostate cancer risk' (<https://groups.io/g/AAT/message/50353?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1360,64972739)

--- In AAT@..., "Rob Dudman" <ausell@...> wrote: Hello Rob .... > > Hello m3dodds..... > > > > Loud and Clear > > http://www.sciencenews.org/view/generic/id/33933/title/Loud\_and\_clear > >

By m3dodds · #50353 · 3/30/09

Thick-Heads: Homo erectus (<https://groups.io/g/AAT/message/50352?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1380,64972883)

No idea, but it is argued that the Neandertals - who were pretty robust humans - got most of their injuries from close encounters with their prey. Possibly H.erectus used similar hunting techniques. T

By m3dodds · #50352 · 3/30/09

Thick-Heads: Homo erectus (<https://groups.io/g/AAT/message/50350?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1380,64972883)

"The H. erectus skullcap is described technically as pachyostotic ("thick-boned"): thick, solid layers of bone make up both its inner and outer surfaces. Sandwiched between them is a less strong, latt

By m3dodds · #50350 · 3/30/09

Atapuerca - Info and Images (<https://groups.io/g/AAT/message/50337?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1380,64972857)

Some of Raul Martin's remarkable illustrations, images. (the rest of the Atapuerca site ... is available in English) http://www.atapuerca.tv/imagenes/rmartin.php?idioma=EN http://www.atapuerca.tv/imag

By m3dodds · #50337 · 3/29/09

Expanding Earth - Plate Tectonics (<https://groups.io/g/AAT/message/50328?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1380,64972785)

Not my idea, it is something that has been speculated about for some time, as the Earth is the only planet with a relatively large moon, orbiting the Sun. Some think it has a role in tectonics, others

By m3dodds · #50328 · 3/29/09

Eating Fish - 'could cut prostate cancer risk' (<https://groups.io/g/AAT/message/50327?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1380,64972739)

Could it have the opposite meaning ... a (long) unchanging pause in evolution? Agree ... better a pause than a stop. ---m3d

By m3dodds · #50327 · 3/29/09

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Eating Fish - 'could cut prostate cancer risk' (<https://groups.io/g/AAT/message/50326?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1380,64972739)

--- In AAT@..., "Rob Dudman" <ausell@...> wrote: Hello Rob ... > > Hello m3dodds..... > > > > > Could the inland north African environment offer these > > > nutrients at the level require

By m3dodds · #50326 · 3/29/09

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Eating Fish - 'could cut prostate cancer risk' (<https://groups.io/g/AAT/message/50315?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1380,64972739)

Hello Rob ... Yes, I would suppose the phrase 'punctuated equilibrium' is the phrase preferred in paleoanthropology, but I think 'step change' is more accurate and has more meaning. 'Punctuated equili

By m3dodds · #50315 · 3/28/09

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Expanding Earth - Plate Tectonics (<https://groups.io/g/AAT/message/50311?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1380,64972785)

Internal convection currents and the presence of a large Moon. Australia is also continent and is moving northwards. How about - Cyclical Tectonics ? (meaning - cyclical 'building') Have been watching

By m3dodds · #50311 · 3/28/09

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Video: "Homo ergaster" inland (<https://groups.io/g/AAT/message/50310?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1380,64972801)

a) A kid's cartoon, minus the dinosaurs. b) A savanna enthusiasts interpretation of evolution. c) Both. ---m3d

By m3dodds · #50310 · 3/28/09

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Eating Fish - 'could cut prostate cancer risk' (<https://groups.io/g/AAT/message/50304?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1380,64972739)

--- In AAT@..., "Rob Dudman" <ausell@...> wrote: Hello Rob ... > > Hello m3dodds..... > > > > > The shore based diet of the ancestors of genus > > > Homo, was clearly a lot more health

By m3dodds · #50304 · 3/27/09

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Eating Fish - 'could cut prostate cancer risk' (<https://groups.io/g/AAT/message/50295?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1380,64972739)

Would tend to disagree first on the premise that they were around for a considerable period of time, therefore it is highly unlikely that they spent a million to a million and a half years, confined t

By m3dodds · #50295 · 3/26/09

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Eating Fish - 'could cut prostate cancer risk' (<https://groups.io/g/AAT/message/50290?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1380,64972739)

Hello Rob ... You could possibly be right, H.e remained remarkably unchanged over a considerable period of time until the faded from history. One possible explanation could be that they were at one wi

By m3dodds · #50290 · 3/26/09

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Eating Fish - 'could cut prostate cancer risk' (<https://groups.io/g/AAT/message/50281?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1380,64972739)

"Washington, Mar 25: Eating oily fish just once a week can help fight prostate cancer, new research suggests. According to the study, a diet rich in omega-3 fatty acids found in fish such as herring,

By m3dodds · #50281 · 3/25/09

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OT: Statistics and Comparisons (<https://groups.io/g/AAT/message/50279?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1380,64972736)

"Welcome to NationMaster, a massive central data source and a handy way to graphically compare nations. NationMaster is a vast compilation of data from such sources as the CIA World Factbook, UN, and

By m3dodds · #50279 · 3/25/09

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Out of Africa theory, dead? (<https://groups.io/g/AAT/message/50276?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1380,64972729)

Early modern human diversity suggests subdivided population structure and a complex out-of-Africa scenario Philipp Gunza, Fred L. Booksteina, Philipp Mitteroeckera Andrea Stadlmayra, Horst Seidler a

By m3dodds · #50276 · 3/25/09

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## Temporal Trends in Vertebral Size & Shape from Medieval to Modern-Day

(<https://groups.io/g/AAT/message/50260?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,1380,64972549>)

Yes, because IMO nutrition is important. Our ancestors fared far better foraging on the shore than they would have done on the savanna. ---m3d

By m3dodds · #50260 · 3/23/09

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## Temporal Trends in Vertebral Size & Shape from Medieval to Modern-Day

(<https://groups.io/g/AAT/message/50244?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,1380,64972549>)

Not misinformation, DD. (that's the kind of dumb thing they do elsewhere) I was simply pointing out that stature (height) can be an indicator of poor nutrition. "This is not a trivial matter. As the p

By m3dodds · #50244 · 3/22/09

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## Vitamin C, primates ([https://groups.io/g/AAT/message/50237?](https://groups.io/g/AAT/message/50237?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,1380,64972611)

[p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,1380,64972611](https://groups.io/g/AAT/message/50237?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,1380,64972611))

That explanation for NWM/OWM split, makes less sense than the one that has the Platyrrhini surfing across the south Atlantic to colonize S.America. The platyrrhini and the catarrhini probably separat

By m3dodds · #50237 · 3/22/09

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## Temporal Trends in Vertebral Size & Shape from Medieval to Modern-Day

(<https://groups.io/g/AAT/message/50236?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,1380,64972549>)

Did not think you would take urban myths as fact, DD. (like the one ... the immigration of Mexicans an others to the States, are responsible for Americans being short ...) Stratifies? do you mean hier

By m3dodds · #50236 · 3/22/09

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## Temporal Trends in Vertebral Size & Shape from Medieval to Modern-Day

(<https://groups.io/g/AAT/message/50226?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,1380,64972549>)

Was applying those conditions to humanity as a whole, not specifically to the Indus valley ... though it does explain what befell the Indus valley civilization. Lack of adequate nutrition has been par

By m3dodds · #50226 · 3/21/09

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## Blue lips & ears in apnea diving ([https://groups.io/g/AAT/message/50217?](https://groups.io/g/AAT/message/50217?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,1400,64972565)

[p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,1400,64972565](https://groups.io/g/AAT/message/50217?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,1400,64972565))

Many marine species could simply be dichromatic and already live in a world of blue and yellow ... or be monochromats. Cetaceans and pinnipeds are said to be monochromats. ---m3d

By m3dodds · #50217 · 3/20/09

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## Temporal Trends in Vertebral Size & Shape from Medieval to Modern-Day

(<https://groups.io/g/AAT/message/50209?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,1400,64972549>)

Or more to the point ... why did they not use medieval Finns? Medieval Finns ... too mobile (nomadic), too busy fighting Vikings, both? ---m3d

By m3dodds · #50209 · 3/20/09

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## Tonga: New Island formation & earthquake 7.9 ([https://groups.io/g/AAT/message/50206?](https://groups.io/g/AAT/message/50206?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,1400,64972553)

[p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,1400,64972553](https://groups.io/g/AAT/message/50206?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,1400,64972553))

Neat pics, DD, of the eruption. The Pacific plate region is certainly a lot more active than others. <http://www.crystalinks.com/rof.html> ---m3d

By m3dodds · #50206 · 3/20/09

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## Temporal Trends in Vertebral Size & Shape from Medieval to Modern-Day

(<https://groups.io/g/AAT/message/50205?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,1400,64972549>)

Nutrition, the amount of physical activity and longevity all have had discernible effects on the average human body for millions of years ... and all three have had their toll too on modern man (civil

By m3dodds · #50205 · 3/20/09

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## Why Sweat ... ([https://groups.io/g/AAT/message/50199?](https://groups.io/g/AAT/message/50199?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,1400,64972546)

[p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,1400,64972546](https://groups.io/g/AAT/message/50199?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,1400,64972546))

"When sweat evaporates from the surface of your skin, it removes excess heat and cools you. This is actually due to a neat principle in physics, which goes like this. To convert water from a liquid to

By m3dodds · #50199 · 3/19/09

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## Trichromatic Color Vision in Primates ([https://groups.io/g/AAT/message/50189?](https://groups.io/g/AAT/message/50189?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,1400,64972520)

[p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,1400,64972520](https://groups.io/g/AAT/message/50189?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,1400,64972520))

Most animals though - leaf browsing, or otherwise - are not trichromatic ... but being diurnal seems to be a common factor in those that are trichromatic. The human eye can differentiate about 10 mill

Trichromatic Color Vision in Primates (<https://groups.io/g/AAT/message/50187?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1400,64972520)

Abstract: Trichromatic color vision is rare among mammals, occurring only in some primates. Recent work has elucidated the adaptive behavioral significance of trichromacy as well as its underlying gen

By m3dodds · #50187 · 3/18/09

Trichromatic vision, vitamins (<https://groups.io/g/AAT/message/50174?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1400,64972464)

The ability to synthesize vit.c - is damaged/nonfunctional in humans and some other primates (gorillas?), some argue there is evidence that it happened ... 35 million years ago. (which would be long af

By m3dodds · #50174 · 3/17/09

Trichromatic vision, vitamins (<https://groups.io/g/AAT/message/50172?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1400,64972464)

Doubtful ... Would suggest instead a link between trichromacy and the evolution of the catarrhines. Thanks, for the link, DD. It is one of the best articles on trichromacy that I have read recently.

By m3dodds · #50172 · 3/17/09

"Pinwheeling Pangea" (<https://groups.io/g/AAT/message/50152?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1400,64972374)

Not exactly ... DD. I'm not endorsing their theory. It's just another theory that has been around since the 19th century that claims to explain geological anomalies. The new research is interesting, b

By m3dodds · #50152 · 3/16/09

Closure of the Tethys (<https://groups.io/g/AAT/message/50140?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1400,64972420)

The closure of the Tethys sea, finally created a land bridge between Africa and Eurasia 18/19 million years ago, leading to an exchange of species ... In 600,000 years Africa's push northwards will fi

By m3dodds · #50140 · 3/14/09

H. erectus and neanderthals. Why always depicted so "hairy"? (<https://groups.io/g/AAT/message/50137?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1400,64972237)

IMO the There was no land bridge to Africa, until the continent came into physical contact with Eurasia. Apparently there was then relatively free (species) movement between the two continents until t

By m3dodds · #50137 · 3/14/09

"Pinwheeling Pangea" (<https://groups.io/g/AAT/message/50136?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1400,64972374)

Would seem their version of pinwheeling continents, results more from a reorientation of the planet itself, not the actual continents. Seems when the continents spun round Africa it was more a reorien

By m3dodds · #50136 · 3/14/09

Nature: Peking Man older than thought (<https://groups.io/g/AAT/message/50130?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1400,64972391)

"Researchers have sifted the sands of time to show that Homo erectus lived at China's most famous anthropology site at least 250,000 years earlier than was thought. The new date means that this early

By m3dodds · #50130 · 3/13/09

"Pinwheeling Pangea" (<https://groups.io/g/AAT/message/50129?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1400,64972374)

Seems you were right to some extent, DD, about the continents pinwheeling ... (over a period of millions of years) Looking at this illustration from a Nat.geo article last year, they appear to have sp

By m3dodds · #50129 · 3/13/09

34ma: major antarctic glaciation, NWM coasted (<https://groups.io/g/AAT/message/50126?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1400,64972175)

Possibly within the last three million years, if you link it to periods of glaciation ... in the northern hemisphere (more water being locked up in ice, since ice began to accumulate at the north pole

By m3dodds · #50126 · 3/13/09

FwJ14E trail (<https://groups.io/g/AAT/message/50108?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1400,64972316)

The figures are little confusing ... But, if the average stride length was 876.mm, wouldn't the average step length be 438.mm? A slow walking stride ... ---m3d

By m3dodds · #50108 · 3/12/09

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Jurassic Turtles Could Swim (<https://groups.io/g/AAT/message/50107?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1400,64969141)

Bit obvious that the Arctic was warmer 95 million years ago, the continents were arranged differently and there was no ice at the poles. Dumb greenhouse lobby ... you think the planet had been in an i

By m3dodds · #50107 · 3/12/09

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H. erectus and neanderthals. Why allways depicted so "hairy"? (<https://groups.io/g/AAT/message/50106?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1400,64972237)

In humans of the two types of melanin, the one that results in red hair is usually found in individuals with light skin in temperate climes. Also isn't it correct that the ancestors of the Orang-utan

By m3dodds · #50106 · 3/12/09

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34ma: major antarctic glaciation, NWM coasted (<https://groups.io/g/AAT/message/50105?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1400,64972175)

Agree. It is more than likely Beringia was exposed, every time the sea level fell ... This ones a bit more difficult, arguably it would depend on how far apart the two American continents were, when t

By m3dodds · #50105 · 3/12/09

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FwJj14E trail (<https://groups.io/g/AAT/message/50091?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1420,64972316)

Step length - usually means the distance from the heel print of one foot to the heel print of the other foot. Basically the distance traveled forward by a single leg. Stride length - usually means two

By m3dodds · #50091 · 3/11/09

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H. erectus and neanderthals. Why allways depicted so "hairy"? (<https://groups.io/g/AAT/message/50089?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1420,64972237)

Possibly, being sub-tropical, tropical there was no need for underfur in apes. Orang-utans are a curiosity ... red hair is more likely to have evolved in a more temperate clime, or have been selected

By m3dodds · #50089 · 3/11/09

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34ma: major antarctic glaciation, NWM coasted (<https://groups.io/g/AAT/message/50088?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1420,64972175)

Weren't all three closed at different dates? Beringia - existed during the last glacation ... The ocean seaway - Panama, closed some three million years ago ... cooling the northern hemisphere. The la

By m3dodds · #50088 · 3/11/09

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34ma: major antarctic glaciation, NWM coasted (<https://groups.io/g/AAT/message/50076?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1420,64972175)

Antarctica and South America are said to have been the last to split. Antarctica and Australia are to have split 95 million years ago, but others say it was less than 60 million years ago. Possibly th

By m3dodds · #50076 · 3/10/09

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Sea Level Rises - Solve Evolutionary Puzzle (<https://groups.io/g/AAT/message/50075?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1420,64972280)

"Ecologists at the University of California, San Diego, offer a new explanation for an apparently abrupt switch in the kinds in of mammals found along the Malay Peninsula in southeast Asia – from main

By m3dodds · #50075 · 3/10/09

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H. erectus and neanderthals. Why allways depicted so "hairy"? (<https://groups.io/g/AAT/message/50073?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1420,64972237)

They are depicted as being hairy ... simply because being hairy is perceived to be primitive. Only way to change public perception would be evidence to the contrary, such as evidence that they knew ho

By m3dodds · #50073 · 3/10/09

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34ma: major antarctic glaciation, NWM coasted (<https://groups.io/g/AAT/message/50049?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1420,64972175)

Yes, it is curious that they describe the climate as tropical ... More likely it was a balmy temperate climate ... warm and wet during the polar summer and probably icy cold in the interior during the

By m3dodds · #50049 · 3/08/09

34ma: major antarctic glaciation, NWM coasted (<https://groups.io/g/AAT/message/50041?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1420,64972175)

Here's the original NYT link ... <http://query.nytimes.com/gst/fullpage.html?>

sec=technology&res=9403E2D81639F932A15750C0A964948260&n=Top/News/World/Countries%20and%20Territories/Antarctica Would agree

By m3dodds · #50041 · 3/07/09

Indian Explorer Questions Africa Origins Theory (<https://groups.io/g/AAT/message/50038?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1420,64972212)

"A critique of the African-origin theory The theory in vogue about man's origin is that he first evolved in Africa and from there spread out to colonise the rest of the world. This theory is known as

By m3dodds · #50038 · 3/07/09

34ma: major antarctic glaciation, NWM coasted (<https://groups.io/g/AAT/message/50037?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1420,64972175)

Yes, when the glaciation was completed. The dates for when the southern continents split apart are shrinking a little. A few years ago it was thought Africa had split from S.America more than a 120 mi

By m3dodds · #50037 · 3/07/09

34ma: major antarctic glaciation, NWM coasted (<https://groups.io/g/AAT/message/50025?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1420,64972175)

100,000 years ... sea levels must have dropped 50 to 60 meters, in the same time. How did the NWM get to Antarctica? ---m3d

By m3dodds · #50025 · 3/06/09

Trichromatic color vision, keen eyesight, brain (<https://groups.io/g/AAT/message/50017?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1420,64972091)

:-) almost extinct, in their original form ... Would seem red as perceived by the human eye starts to disappear at about three meters underwater ... but, its feasible that some fish see the colour spec

By m3dodds · #50017 · 3/06/09

BECOMING-HUMAN (<https://groups.io/g/AAT/message/50016?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1420,64972160)

Ahhh ... the joys of a fruit and fiber diet and life on the savanna. BECOMING HUMAN (page.22) Diet and Primate Evolution Katherine Milton -- -m3d

By m3dodds · #50016 · 3/06/09

Social grouping: from seashore to river-sea trade? (<https://groups.io/g/AAT/message/50012?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1420,64972144)

Humans express both highly individualistic and collective behavior - like to be individualistic, yet curiously want to be part of the 'crowd' (don't want to be seen as being different) - even express

By m3dodds · #50012 · 3/06/09

New Scientist: Orangutan article by Elaine (<https://groups.io/g/AAT/message/50010?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1420,64972146)

A good article, one of the best pieces I have read on Orang-utans in a while. (congratulations, Elaine in getting it published in NS) Why are Orang-utans more like us than our closer 'kin' (in time) t

By m3dodds · #50010 · 3/06/09

Trichromatic color vision, keen eyesight, brain (<https://groups.io/g/AAT/message/50001?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1420,64972091)

The eyes are involved ... but its more a question of rods and cones. Rods and Cones (the bit on red is interesting) <http://hyperphysics.phy-astr.gsu.edu/hbase/vision/rodcone.html> Possibly last century

By m3dodds · #50001 · 3/05/09

Trichromatic color vision, keen eyesight, brain (<https://groups.io/g/AAT/message/49991?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1420,64972091)

Keen eyesight, yes ... Trichromatic vision is of very doubtful use in the satanic gloom at the bottom of the oceans. But, some say common ancestor of tetrapods had tetrachromatic vision (which is exce

By m3dodds · #49991 · 3/05/09

primates misc. noses (<https://groups.io/g/AAT/message/49990?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1420,64972112)

Clades3 ... Thanks, DD. Liked the bit on the Catarrhines. "Catarrhines are a more specific simian group, recognizable in fossils by the fact that they have only two premolars (cuspid & bicuspid) whi

By m3dodds · #49990 · 3/05/09

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Downward nostrils (Re: Re: Facial reactions (<https://groups.io/g/AAT/message/49986?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1420,64972057)

OK ... A narrow downward catarrhini nose with nostrils directed downwards, probably has some other advantage. (certainly an advantage, when you swimming) "Catarrhini means narrow nose, and the term des

By m3dodds · #49986 · 3/05/09

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Downward nostrils (Re: Re: Facial reactions (<https://groups.io/g/AAT/message/49971?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1420,64972057)

The platyrrhini(the wide noses) and the catarrhini(the downward noses)seem to have parted company 30 million years ago. Think it is closer for binocular vision. Wide spaced eyes, eyes on opposite side

By m3dodds · #49971 · 3/04/09

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Facial reactions (<https://groups.io/g/AAT/message/49965?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1440,64971887)

Yes, primates ... We evolved as primates ... primates that learnt to dive and swim on the shore. Sea otters on the other hand hunt, mate, give birth, groom, sleep, rest and play in the ocean. An a sea

By m3dodds · #49965 · 3/04/09

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Facial reactions (<https://groups.io/g/AAT/message/49959?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1440,64971887)

--- In AAT@..., Marc Verhaegen <m\_verhaegen@...> wrote: Downward nostrils ... [m3d] > >> Downward noses are seen in OWM, gorillas and chimps > >> (nostrils may open downwards or forwards)

By m3dodds · #49959 · 3/04/09

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Facial reactions (<https://groups.io/g/AAT/message/49941?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1440,64971887)

swimming Not always, speech with a nasal tone can be a result of an incomplete seal. Nope, primate evolution. Downward noses are seen in OWM, gorillas and chimps (nostrils may open downwards or forwar

By m3dodds · #49941 · 3/03/09

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Facial reactions (<https://groups.io/g/AAT/message/49938?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1440,64971887)

Velum, the soft palate at the back of the throat? Don't think its vestigial, its used to close the nasal passages when swallowing and we have 'adapted' it to some extent for speech sounds (oral speech

By m3dodds · #49938 · 3/03/09

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Facial reactions (<https://groups.io/g/AAT/message/49927?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1440,64971887)

Not necessarily DD, a valve can also be used to regulate flow in some instances. For example valves are used by the body to regulate the flow of blood, body fluids and oxygen. The most basic valve is

By m3dodds · #49927 · 3/02/09

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Facial reactions (<https://groups.io/g/AAT/message/49925?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1440,64971887)

--- In AAT@..., "DDeden" <alas\_my\_loves@...> wrote: DD Everyone has nasal valves (four), they basically have a respiratory function, you probably only notice when the internal one is obstr

By m3dodds · #49925 · 3/02/09

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Early Humans Toed the Line (+ some comments) (<https://groups.io/g/AAT/message/49883?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1440,64971879)

Footprints from at what oldest feet, and "just like predicted by bent-kneed that the shallower arch toes. This archaic However, walked just probably walked. least 4 lleret. The impressions to the new

By m3dodds · #49883 · 2/28/09

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He footprints = beach :- ) (<https://groups.io/g/AAT/message/49879?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1440,64971856)

ergaster. > > Probably was (if the footprints are as old as claimed) H.ergaster ... same as KNM-WT 15000 (Turkana Boy). ---m3d

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He footprints = beach :- ) (<https://groups.io/g/AAT/message/49878?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1440,64971856)

years Yes, he paints a vivid picture of life on the shore thousands of years ago (seems to have been pretty tough, at times). Odd, but I don't recall substantiated early Hasn't the north-west, Alaska

By m3dodds · #49878 · 2/28/09

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He footprints = beach :- ) (<https://groups.io/g/AAT/message/49875?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1440,64971856)

BP)(S16) deposited FwJj14E ... made on a material, [quote] "Photographs and plaster casts sometimes provide evidence of abnormalities and foot deformities : of a man, crippled with arthritis, or of an

By m3dodds · #49875 · 2/28/09

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Video: Re: BBC: Earliest 'human footprints' found (<https://groups.io/g/AAT/message/49859?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1440,64971840)

Video of the footprints attributed to Homo erectus or whoever else was walking around on two legs at the claimed date, are already being claimed as those of a endurance runner on the mythical savanna.

By m3dodds · #49859 · 2/27/09

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Baffling clues (<https://groups.io/g/AAT/message/49848?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1440,64971802)

In favour of H.heidelbergensis as an ancestor - is the hyoid bone, changes to hearing and a significant change in the size of the brain(possibly the last time it gained in size) and if you couple thos

By m3dodds · #49848 · 2/26/09

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How did Tiktaalik sleep on land? (<https://groups.io/g/AAT/message/49837?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1440,64971654)

Thanks for posting his response, DD. It does as you say make sense. ---m3d initially, have been non-locomotive. It neuronal

By m3dodds · #49837 · 2/26/09

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Why did humans evolve hair? (<https://groups.io/g/AAT/message/49835?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1440,64971770)

[http://scienceblogs.com/gregladen/2009/02/martas\\_good\\_questions\\_fur.php](http://scienceblogs.com/gregladen/2009/02/martas_good_questions_fur.php) > Yes, pathetic ... And this - from a link posted in the blogs comments section is even worse ... "Humans hot, sweaty, natural-b

By m3dodds · #49835 · 2/26/09

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Our hair bleaches itself as we grow older (<https://groups.io/g/AAT/message/49813?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1440,64971718)

breaks up (MSR A levels could Auburn, does seem the right colour. It is an intriguing connection - hair colour and location of origin - not one I have made before. Orangutans, reddish deer ... But, or

By m3dodds · #49813 · 2/25/09

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Our hair bleaches itself as we grow older (<https://groups.io/g/AAT/message/49805?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1440,64971718)

melanin. Hair colour would probably have depended on the amount of melanin they had in the skin. There are said two types of melanin in hair ... eumelanin and phaeomelanin. Phaeomelanin if your light

By m3dodds · #49805 · 2/25/09

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Our hair bleaches itself as we grow older (<https://groups.io/g/AAT/message/49801?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1440,64971718)

caused by a bit of our hair research, problem, so to build H2O2 into because of MSR A production of Errors (in the repair process) as we get older turn the hair grey, then white. But it is also those

By m3dodds · #49801 · 2/24/09

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Swimming monkeys etc. (<https://groups.io/g/AAT/message/49795?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1440,64971691)

Sunda would submerge as the ice retreated at the end of a glaciation. We are currently in a interglacial, the Neandertals lived through the last interglacial and into the last glacial before going ext

By m3dodds · #49795 · 2/24/09

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Brain vs spine, fat, scalp (<https://groups.io/g/AAT/message/49794?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1440,64971611)

on the Sorry to say but the real explanation is a bit more mundane. Nor is testosterone directly responsible for male pattern baldness. In women in later life testosterone levels can result in a recedi

By m3dodds · #49794 · 2/24/09

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David Attenborough on the Aquatic Ape Hypothesis (<https://groups.io/g/AAT/message/49793?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1440,64971660)

Would agree a 100% with what you say about the video, as it basically reinforces my view that there is nothing special about wading or walking upright on two legs. Chimpanzees wading, wading upright,

By m3dodds · #49793 · 2/24/09

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Anyone have more info on this? (<https://groups.io/g/AAT/message/49773?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1460,64971605)

[http://www.encyclocentral.com/20456-Fish\\_Traps\\_Old\\_Common\\_Method\\_Of\\_Fishing\\_Used\\_By\\_Tribes.html](http://www.encyclocentral.com/20456-Fish_Traps_Old_Common_Method_Of_Fishing_Used_By_Tribes.html) Does sound simple, all it would take is observation and the wits to exploit it. (and it certainly beats

By m3dodds · #49773 · 2/23/09

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Brain vs spine, fat, scalp (<https://groups.io/g/AAT/message/49772?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1460,64971611)

skin. returns heat (post-weaned groups?) Yep, once your out of your early twenties it can go any time, for most though it happens in their sixties an eighties. Yes, due to replication errors(ageing) .

By m3dodds · #49772 · 2/23/09

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David Attenborough on the Aquatic Ape Hypothesis (<https://groups.io/g/AAT/message/49771?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1460,64971660)

<http://newpapyrusmagazine.blogspot.com/2009/02/david-attenborough-on-aqu&#92;>

<<http://newpapyrusmagazine.blogspot.com/2009/02/david-attenborough-on-aq&#92;>; Wading chimps ... More proof if needed that

By m3dodds · #49771 · 2/23/09

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H erectus Hyoid bone (<https://groups.io/g/AAT/message/49770?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1460,64971636)

--- In AAT@..., "DDeden" <alas\_my\_loves@...> wrote: Fascinating that the H.erectus still had a chimpanzee- like hyoid bones nearly two hundred thousand years after H.heidelbergensis had hy

By m3dodds · #49770 · 2/23/09

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How did Tiktaalik sleep on land? (<https://groups.io/g/AAT/message/49765?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1460,64971654)

paths? Interesting question ... Have you asked, him? Neil Shubin PhD [http://pondside.uchicago.edu/oba/faculty/shubin\\_n.html](http://pondside.uchicago.edu/oba/faculty/shubin_n.html) ---m3d

By m3dodds · #49765 · 2/23/09

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Anyone have more info on this? (<https://groups.io/g/AAT/message/49754?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1460,64971605)

all dry re-learn and [http://www.encyclocentral.com/20456-Fish\\_Traps\\_Old\\_Common\\_Method\\_Of\\_Fishing\\_Used\\_By\\_Tribes.html](http://www.encyclocentral.com/20456-Fish_Traps_Old_Common_Method_Of_Fishing_Used_By_Tribes.html) Yes, but maybe a better description would be tidal water. Somewhere water levels fa

By m3dodds · #49754 · 2/22/09

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Brain vs spine, fat, scalp (<https://groups.io/g/AAT/message/49750?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1460,64971611)

In living brains the grey colour, is more a grey/brown colour(having blood vessels). Grey is the stuff with the brain cells. White is mainly myelinated axons, from which it gets its white colour. Men

By m3dodds · #49750 · 2/22/09

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Anyone have more info on this? (<https://groups.io/g/AAT/message/49749?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1460,64971605)

Fish Traps Old Common Method Of Fishing Used By Tribes [http://www.encyclocentral.com/20456-Fish\\_Traps\\_Old\\_Common\\_Method\\_Of\\_Fishing\\_Used\\_By\\_Tribes.html](http://www.encyclocentral.com/20456-Fish_Traps_Old_Common_Method_Of_Fishing_Used_By_Tribes.html)

Fish Traps [http://en.wikipedia.org/wiki/Fish\\_trap](http://en.wikipedia.org/wiki/Fish_trap)

By m3dodds · #49749 · 2/22/09

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Hn & Hs (<https://groups.io/g/AAT/message/49736?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1460,64971556)

fossils. suggests the Not entirely ... as there is a point where species can no longer exchange genes. Not so sure - as it is a meaningless comparison, as even the mythical 1% difference between chimp

### Hn & Hs (<https://groups.io/g/AAT/message/49735?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1460,64971556)

wrote: is one humans always used, it \_know\_ defined Think defining a species is the easy bit, as a species is a distinct species if it can no longer can exchange genes with a related species. Actual s

By m3dodds · #49735 · 2/21/09

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### Hn & Hs (<https://groups.io/g/AAT/message/49719?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1460,64971556)

out-group for over the Agree. Yes ... amHs(Hss) is a ssp? This species thing is a bit confusing at times ... Am I right in thinking if B. splits from A. and remains close to A. its a ssp, but if B. be

By m3dodds · #49719 · 2/20/09

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### Hn & Hs (<https://groups.io/g/AAT/message/49715?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1460,64971556)

abundant of is the supports humans anatomical Wolpoff certainly has a peculiar view of the Neandertals. What is a "true human race" supposed to be? Don't think Hn can be categorised as a ssp, modern H

By m3dodds · #49715 · 2/20/09

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### OT: Magyars, ASPM (<https://groups.io/g/AAT/message/49708?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1460,64971525)

"Although this finding could result from chance, it is striking and suggests that there could have been genetic contact between the ancestors of the Madjars and Magyars, and thus that modern Hungarian

By m3dodds · #49708 · 2/19/09

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### Neanderthal genome giving up its secrets (<https://groups.io/g/AAT/message/49707?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1460,64971402)

contributed lactose-intolerant moved probably Turk/Mongol/IndoEuropean. You could be right, as the Magyar link you provided in your 'OT: Magyars, ASPM' thread, has this ... on the possible origins of

By m3dodds · #49707 · 2/19/09

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### Neanderthal genome giving up its secrets (<https://groups.io/g/AAT/message/49695?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1460,64971402)

males, have From the east like the Magyars (Sycthians?) across the Hungarian (pannonian) plain from the east ... The newer version of the microcephalin gene could indicate it was from somewhere in wes

By m3dodds · #49695 · 2/18/09

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### Neanderthal genome giving up its secrets (<https://groups.io/g/AAT/message/49682?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1460,64971402)

Cro-magnons (as the earliest Europeans were once called) are said to have arrived in Europe from south and central Asia and the Middle east (like all of Europe's invaders they came from the east ... )

By m3dodds · #49682 · 2/17/09

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### Neanderthal genome giving up its secrets (<https://groups.io/g/AAT/message/49679?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1460,64971402)

Lactose tolerance was possibly an advantage when sapiens moved into and settled northern Asia then northern Europe, probably it was yoghurt and its numerous variations that were first consumed in larg

By m3dodds · #49679 · 2/17/09

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### OT: Underwater Volcano Erupting - first ever video (<https://groups.io/g/AAT/message/49678?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1460,64971426)

Difficult to judge from the video, but appears to be actual fire and brimstone. From further searching ... it appears to be an underwater volcano in the Pacific called NW Rota - 1 in the Mariana Islan

By m3dodds · #49678 · 2/17/09

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### Neanderthal genome giving up its secrets (<https://groups.io/g/AAT/message/49660?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1460,64971402)

"Already the comparisons of the human, Neandertal and chimpanzee genomes have revealed evidence that natural selection recently played a hand in shaping the human genome. Neandertals are similar to hu

By m3dodds · #49660 · 2/16/09

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### OT: Underwater Volcano Erupting - first ever video (<https://groups.io/g/AAT/message/49659?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1460,64971426)

Underwater Volcano A remote camera captures the first-ever video of an erupting underwater volcano. (Video: Robert Embley NOAA/PMEL)

<http://www.smithsonianmag.com/multimedia/videos/27435884.html?imw=Y>

By m3dodds · #49659 · 2/16/09

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Neanderthal genome giving up its secrets (<https://groups.io/g/AAT/message/49642?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1480,64971402)

--- In AAT@..., "m3dodds" <dons3148@...> wrote: "Analysis of the genome reveals that humans and Neandertals share genetic roots stretching back at least 830,000 years. Neandertals, the spe

By m3dodds · #49642 · 2/15/09

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Neanderthal genome giving up its secrets (<https://groups.io/g/AAT/message/49641?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1480,64971402)

Researchers in Germany have completed the first draft of the Neanderthal genome, more than 3 billion genetic building blocks that will shed new light on the ancient hominid as well as the origins of i

By m3dodds · #49641 · 2/15/09

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MSC (<https://groups.io/g/AAT/message/49619?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1480,64971301)

A kludge is probably the best definition of chimpanzee k.walking that I have ever heard, it sums up k.walking perfectly. and the severe Would say here - that after Moroto (Morotopithecus) all apes had

By m3dodds · #49619 · 2/14/09

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MSC (<https://groups.io/g/AAT/message/49605?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1480,64971301)

Doubtful ... If anything I would now put the emphasis more on ground feeding and see the common ancestor of G/P/H as a part- time biped/full time biped. Upright Ape (Filler) <http://www.uprightape.net/>

By m3dodds · #49605 · 2/13/09

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MSC (<https://groups.io/g/AAT/message/49590?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1480,64971301)

Thanks, DD. Intriguing too ... to re-visit a thread from 2005 (below) ---m3d "Primates orginated in the New world..."

<http://tech.groups.yahoo.com/group/AAT/message/28908> Whereas the Aquarboreal ape t

By m3dodds · #49590 · 2/12/09

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Neanderthals 'distinct from us' (genome first draft) (<https://groups.io/g/AAT/message/49587?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1480,64971300)

"Scientists studying the DNA of Neanderthals say they can find no evidence that this ancient species ever interbred with modern humans. But our closest ancestors may well have been able to speak as we

By m3dodds · #49587 · 2/12/09

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Why we sprain our ankles (<https://groups.io/g/AAT/message/49578?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1480,64970948)

ankles, Crocs are ambush killers they tend to linger where catching prey is easy - waterholes, river crossings. Crocs weakness - egg laying and weak opening jaw muscles. Don't tropical estuary crocs(s

By m3dodds · #49578 · 2/12/09

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Why we sprain our ankles (<https://groups.io/g/AAT/message/49577?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1480,64970948)

creatures, with OK salt (2.5 % There is no question that He lived near water, but if you are arguing that they dived in salt water, then I am not convinced, as it is doubtful that He could have submer

By m3dodds · #49577 · 2/12/09

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Why we sprain our ankles (<https://groups.io/g/AAT/message/49553?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1480,64970948)

Note the obvious upturned toe of the footwear, probably it goes against the natural inclination of the toes to press downward when walking. --m3d have smudge. sand, compete likelihood of prey back da

By m3dodds · #49553 · 2/11/09

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Why we sprain our ankles (<https://groups.io/g/AAT/message/49552?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1480,64970948)

runners, spent a Sorry, Marc. But what on earth has running got to do with moving inland? Humans are not natural born runners. Why would they be shod? Humans have gone barefoot even in record history

### Why we sprain our ankles (<https://groups.io/g/AAT/message/49534>?

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1480,64970948)

years. > Would disagree only slightly on one point and say we are primarily a sub-tropical species, as it better explains the way we as a species have adapted so easily to the extremes of the tropics

By m3dodds · #49534 · 2/10/09

### Why we sprain our ankles (<https://groups.io/g/AAT/message/49531>?

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1480,64970948)

--- In AAT@..., "DDeden" <alms\_my\_loves@...> wrote: Walking is easy. It's so easy that no one ever has to teach you how to do it. It's so easy, in fact, that we often pair it with other eas

By m3dodds · #49531 · 2/10/09

### Jurassic Turtles Could Swim (<https://groups.io/g/AAT/message/49515>?

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1480,64969141)

Island hopped and swam across a warm Arctic sea 90 million years ago, possibly. But, the arrangement of the northern continents was slightly different in the late Cretaceous. Thanks,DD. ---m3d <http://>

By m3dodds · #49515 · 2/09/09

### Australia: Bushfire Victims (<https://groups.io/g/AAT/message/49514>?

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1480,64971135)

Commiserations, guys. What has happened in Victoria, is simply horrific. My deepest sympathies to those who have lost family and friends, in this terrible tragedy in Australia. ---m3d Worst bushfires

By m3dodds · #49514 · 2/09/09

### Herto = Hs? (<https://groups.io/g/AAT/message/49484>?

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1480,64971057)

it fit? Fm in location of the & %Out fossil Herto assertions between Kabwe & amHs. Well they saying Hn & He were closer to Herto than Kabwe, which is curious as that would make Kabwe closer to amHs. S

By m3dodds · #49484 · 2/08/09

### Early whales gave birth on land (<https://groups.io/g/AAT/message/49480>?

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1480,64971059)

"The whales' big teeth, well-suited for catching and eating fish, suggest the animals made their livings in the sea, probably coming onto land only to rest, mate and give birth, said Gingerich, who is

By m3dodds · #49480 · 2/08/09

### Why we sprain our ankles (<https://groups.io/g/AAT/message/49466>?

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1480,64970948)

were appears in ligamentous loose dry preferential of the But, I would speculate they distribute their respective body weights differently. Also humans are among the animals that walk on the entire fo

By m3dodds · #49466 · 2/08/09

### Why we sprain our ankles (<https://groups.io/g/AAT/message/49438>?

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1480,64970948)

peroneal Possibly. Still think though it has more to do with becoming a larger/heavier (bipedal)animal. Shore walking on different surfaces (wet/dry sand, rock, shell and pebbles) would likely have gi

By m3dodds · #49438 · 2/07/09

### Aquatic Ape Theory on video? (<https://groups.io/g/AAT/message/49437>?

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1480,64970956)

Hi Steffen You might find these YouTube videos of a lecture given by Elaine Morgan on the Aquatic Ape Theory at University College London last year, of some interest. Elaine Morgan on the Aquatic Ape

By m3dodds · #49437 · 2/07/09

### Why we sprain our ankles (<https://groups.io/g/AAT/message/49431>?

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1480,64970948)

hominin non-human in the record. stabilized activity in rather stability may have occurred with A way to distribute forces through the joint at the expense of stability, as Homo got taller, heavier an

By m3dodds · #49431 · 2/07/09

### Color & locale (<https://groups.io/g/AAT/message/49413>?

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1500,64970820)

recent Not all that surprising, it is a Harvard news release from more than a decade ago and they were speculating about traits of an animal radiometrically dated at more than 20 million years ago. Pr

By m3dodds · #49413 · 2/06/09

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Neanderthal genome to be unveiled (<https://groups.io/g/AAT/message/49402?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1500,64970880)

The entire genome of a 38,000-year-old Neanderthal has been sequenced by a team of scientists in Germany. The group is already extracting DNA from other ancient Neanderthal bones and hopes that the ge

By m3dodds · #49402 · 2/05/09

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Color & locale (<https://groups.io/g/AAT/message/49401?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1500,64970820)

Some species come and go in much less time than a million years (example: H.neandertal). Possibly it was more Moroto-like, if it was from around 19 Ma ... "Moroto"(Morotopithecus bishopi) Harvard Gaze

By m3dodds · #49401 · 2/05/09

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Color & locale (<https://groups.io/g/AAT/message/49394?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1500,64970820)

north reddish until c 10 densely vertical Possibly earlier, if Filler's date of 21 Mya is the correct date. There might not seem much difference between 19 and 20, but a million years is a million yea

By m3dodds · #49394 · 2/04/09

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Color & locale (<https://groups.io/g/AAT/message/49389?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1500,64970820)

Intriguing interpretation, DD. Would only disagree with the first part, as at 20 million + years ago our ancestor may not even had an upright spine. But, you could easily be describing Dmanisi 2 milli

By m3dodds · #49389 · 2/04/09

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Myelin sheath as neuro thermo insulation? (<https://groups.io/g/AAT/message/49388?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1500,64970767)

A different way of looking at this, would be to say insulation is effectively useless if what you are insulating is not warm. Blood is warm, as the brain has priority, it will receive the largest shar

By m3dodds · #49388 · 2/04/09

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Myelin sheath as neuro thermo insulation? (<https://groups.io/g/AAT/message/49371?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1500,64970767)

--- In AAT@..., "DDeden" <alas\_my\_loves@...> wrote: Whilst this incident shows that the human brain copes better with cooling, than overheating. It should be noted her remarkable survival

By m3dodds · #49371 · 2/03/09

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Myelin sheath as neuro thermo insulation? (<https://groups.io/g/AAT/message/49370?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1500,64970767)

sonar "Myelin is a collection of lipid fats and proteins that sheaths the long extensions of nerve cells (neurons) called axons. Myelin considerably increases the speed that nerve signals (impulses) m

By m3dodds · #49370 · 2/03/09

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Myelin sheath as neuro thermo insulation? (<https://groups.io/g/AAT/message/49357?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1500,64970767)

Myelin is basically a form electrical insulation, not thermal. It significantly increases the speed at which an impulse can travel along a fiber. In terms of thermal insulation, it would seem the huma

By m3dodds · #49357 · 2/02/09

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Killer Ape - Cuddly Ape (<https://groups.io/g/AAT/message/49343?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1500,64970773)

"In 1995 Tobias declared at a large conference "The Savannah Hypothesis is no more" after it emerged in sites in south and east Africa that some early hominids dwelling in forest became bipedal withou

By m3dodds · #49343 · 2/02/09

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DHA: A Breakthrough In Treating Premature Babies (<https://groups.io/g/AAT/message/49332?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1500,64970745)

Adelaide researchers have made a world breakthrough in treating premature babies at risk of developmental disorders. A six-year study led

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Smiling Innate, Not Learnt (<https://groups.io/g/AAT/message/49326?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1500,64970732)

[quote] From sneers to full-blown smiles, our facial expressions are hardwired into our genes, suggests a new study. The researchers compared the facial expressions from more than 4,800 photographs of

By m3dodds · #49326 · 1/31/09

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Asian Origins for the Cheetah? (<https://groups.io/g/AAT/message/49325?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1500,64970728)

The most primitive known cheetahs roamed present-day China more than two million years ago, according to new research. Ancient Cheetah Fossil Points to Old World Roots? Rebecca Carroll National Geogra

By m3dodds · #49325 · 1/31/09

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OT: Speaking in Tones? (<https://groups.io/g/AAT/message/49299?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1500,64970581)

Linguistic tone is related to the population frequency of the adaptive haplogroups of two brain size genes, ASPM and Microcephalin Dan Dediu and D. Robert Ladd Abstract: The correlations between inter

By m3dodds · #49299 · 1/28/09

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OT: Speaking in Tones? (<https://groups.io/g/AAT/message/49298?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1500,64970581)

<http://www.musiccognition.nl/blog/2009/01/do-newborn-infants-have-sense-of-rhythm.html> > Sound of the heart beating, blood pumping, the womb is the origin of rhythm, repetitive sounds, most mammals in

By m3dodds · #49298 · 1/28/09

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OT: Speaking in Tones? (<https://groups.io/g/AAT/message/49282?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1500,64970581)

wrote: leading such be less - fewer extended - becomes Could be some basis for A. and C. ... Whereas B. and D.(especially D) would have had unfortunate consequences for the survival of the species. C.

By m3dodds · #49282 · 1/27/09

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OT: Speaking in Tones? (<https://groups.io/g/AAT/message/49270?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1500,64970581)

For the most part, the thousands of languages in the world today fall into one of two categories (notable exceptions being Japanese, some Scandinavian dialects and northern Spain's Basque tongue): ton

By m3dodds · #49270 · 1/26/09

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Fat (<https://groups.io/g/AAT/message/49255?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1500,64970500)

selection infant Carrying a 7.kilo infant for hour would burn up roughly 240 calories. ---m3d

By m3dodds · #49255 · 1/25/09

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ASPM, microcephalin & tone languages (<https://groups.io/g/AAT/message/49250?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1500,64970541)

Recent positive selection for these two genes, seems to mirror a linguistic change. Though the authors of the paper, give no reason as to why this should be. It could be entirely different way of look

By m3dodds · #49250 · 1/25/09

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'Voice' Recognition in other Animals (<https://groups.io/g/AAT/message/49222?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1500,64970509)

"We humans do this all the time, but researchers across many fields have been interested in whether other animals are capable of such behavior. In this study, Proops et al. tested this by having 2 hor

By m3dodds · #49222 · 1/23/09

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Tobias 1995 (<https://groups.io/g/AAT/message/49204?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1520,64970400)

The figure usually given for myelin composition is: lipids 80% - protein 20% (lipids) <http://www.cem.msu.edu/~reusch/VirtualText/lipids.htm> --

-m3d sheathed) water, surface in argument considered argum

By m3dodds · #49204 · 1/22/09

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Buia Homo (<https://groups.io/g/AAT/message/49178?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1520,64970342)

IMO your are right, but many PAs would disagree. IMO both, as the Buia find is dated between 1.4 and 0.6 million years ago. By that date Homo erectus is likely to have moved inland across N.Africa, Eu

By m3dodds · #49178 · 1/21/09

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Buia Homo (<https://groups.io/g/AAT/message/49162?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1520,64970342)

Thanks, Marc. You might find the following, of some interest ... its mostly background info, but the descriptions of the locations are also intriguing. "environment characterized by water abundance wi

By m3dodds · #49162 · 1/20/09

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The Pleistocene Hypothesis (<https://groups.io/g/AAT/message/49140?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1520,64970293)

We differ from both. We are human. We are not furless like a dolphin, nor do we have a full coat of hair like an ape, humans are a relatively hairless animal. We differ because we are human, an ape th

By m3dodds · #49140 · 1/19/09

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The Null Hypothesis?? (<https://groups.io/g/AAT/message/49132?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1520,64970301)

?? A null hypothesis (H0) is a plausible hypothesis (scenario) which may explain a given set of data. A null hypothesis is tested to determine whether the data provide sufficient reason to pursue some

By m3dodds · #49132 · 1/18/09

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The Pleistocene Hypothesis (<https://groups.io/g/AAT/message/49130?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1520,64970293)

We are not dolphins, we are not like dolphins, we do not forage like dolphins. We are human. We are not otters, we are not like otters, we do not forage like otters. We are human. Why is it so difficu

By m3dodds · #49130 · 1/18/09

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The Pleistocene Hypothesis (<https://groups.io/g/AAT/message/49128?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1520,64970293)

Not like dolphins, not like sea otters ... like humans. We swim, dive, breath-hold to forage in the water like no other mammal, we are Man.

Man, the shore ape. ---m3d

By m3dodds · #49128 · 1/18/09

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Earth expands & contracts? (<https://groups.io/g/AAT/message/49122?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1520,64970133)

<http://geology.about.com/od/tectonicsdeearth/a/truepolarwander.htm> Not a comet impact, but an impact with a sibling world in the early solar system ... The theory is that several inner planets forme

By m3dodds · #49122 · 1/18/09

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Earth expands & contracts? (<https://groups.io/g/AAT/message/49108?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1520,64970133)

Interesting piece, also interesting links DD, followed a few of them. It would seem the "Snowball Earth" hypotheses is still as hotly debated (controversial) as was plate tectonics when first proposed

By m3dodds · #49108 · 1/17/09

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Earth expands & contracts? (<https://groups.io/g/AAT/message/49093?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1520,64970133)

Not so sure ... think the 'Snowball Earth' hypotheses is more recent than plate tectonics, aside from which the authors themselves speculate it happened some 700 million yrs ago when there was a singl

By m3dodds · #49093 · 1/16/09

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Gona female He pelvis 1.4-.9ma (<https://groups.io/g/AAT/message/49089?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1520,64970140)

Would agree with that ... ---m3d <http://lawchairanthropology.blogspot.com/2008/11/busidima-female-pelvis.html>

<http://johnhawks.net/weblog/fossils/lower/gona/gona-pelvis-simpson-2008.html> > > >

By m3dodds · #49089 · 1/16/09

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Earth expands & contracts? (<https://groups.io/g/AAT/message/49088?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1520,64970133)

Complicated and controversial, but there does seem to be some evidence for a snowball Earth. Snowball Earth

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### When was man aquatic? ([https://groups.io/g/AAT/message/49074?](https://groups.io/g/AAT/message/49074)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1520,64970093)

inland and H on bifacial predators and waterside, and waters neandertals on others that waters man an rainy shells for quarrying rich open spears Fig.7 Would seem either H.erectus is older than though

By m3dodds · #49074 · 1/15/09

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### Earth expands & contracts? ([https://groups.io/g/AAT/message/49073?](https://groups.io/g/AAT/message/49073)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1520,64970133)

Continental weight - is thought to be another explanation as to why continents break apart. One other factor in the break-up of Rodinia, could have been the hypothesised snowball Earth (Cryogenian per

By m3dodds · #49073 · 1/15/09

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### Gona female He pelvis 1.4-.9ma ([https://groups.io/g/AAT/message/49072?](https://groups.io/g/AAT/message/49072)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1520,64970140)

<http://lawchairanthropology.blogspot.com/2008/11/busidima-female-pelvis.html> Would certainly agree with that DD. "This pelvis indicates that neither adaptations to tropical environments nor endurance

By m3dodds · #49072 · 1/15/09

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### When was man aquatic? ([https://groups.io/g/AAT/message/49059?](https://groups.io/g/AAT/message/49059)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1520,64970093)

Gona, useful river trapped predators same throw with splitting lakeside local Possibly ... An the tool date 2.1 - 2.58 mya could be right, for a shore ancestor. As for Asia, tools dating from around 1

By m3dodds · #49059 · 1/14/09

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### When was man aquatic? ([https://groups.io/g/AAT/message/49056?](https://groups.io/g/AAT/message/49056)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1520,64970093)

Would agree on the Red Sea - Afar/Awash - Omo region as the location for Homo, but there could have been more fruitful shores elsewhere ... such as S.E.Asia for the ancestors of Homo(genus). As to a p

By m3dodds · #49056 · 1/14/09

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### Explaining Similarity Between Humans ([https://groups.io/g/AAT/message/49031?](https://groups.io/g/AAT/message/49031)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1520,64970009)

Hi Dan To be honest I don't see the link your making with CNV ... and similarity. But, you might be interested in this new piece of research out this month, it argues that replication missteps for wha

By m3dodds · #49031 · 1/13/09

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### Explaining Similarity Between Humans ([https://groups.io/g/AAT/message/49019?](https://groups.io/g/AAT/message/49019)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1520,64970009)

Although humans come in many shapes and sizes, from the compact Inuit of the Arctic to the willowy Masai warriors of Africa, any two people are a lot more alike genetically than any pair of chimpanzee

By m3dodds · #49019 · 1/12/09

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### Tiktaalik videos: Neil Shubin, ears, misc. ([https://groups.io/g/AAT/message/49018?](https://groups.io/g/AAT/message/49018)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1520,64970005)

Thanks for the Neil Shubin links, DD. And thanks also for the unexpected NASA image link, it is an amazing photo of Saturn. ---m3d

By m3dodds · #49018 · 1/12/09

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### Lost Shores: Sunda to Suhal ([https://groups.io/g/AAT/message/48995?](https://groups.io/g/AAT/message/48995)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1540,64969966)

Sahul is the name given to the single Pleistocene era continent which combined Australia with New Guinea and Tasmania. ---m3d "For the section on exchange networks, they review the archaeological reco

By m3dodds · #48995 · 1/10/09

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### Hs OoA along ancient river channels? ([https://groups.io/g/AAT/message/48994?](https://groups.io/g/AAT/message/48994)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1540,64969951)

--- In AAT@..., Marc Verhaegen <m\_verhaegen@...> wrote: Dienekes Blog, on similar research proving the Sahara was 'green' for at least three periods within the last 120,000 years. The comm

By m3dodds · #48994 · 1/10/09

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### Was the swamp ape a human ancestor? ([https://groups.io/g/AAT/message/48982?](https://groups.io/g/AAT/message/48982)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1540,64969550)

[http://users.ugent.be/~mvaneech/Fil/Verhaegen\\_Human\\_Evolution.html](http://users.ugent.be/~mvaneech/Fil/Verhaegen_Human_Evolution.html) Dmanisi, Riwat, Yunnan an Java do indicate H left north Africa/Arfa early ... H.e could be of Asian origin. Most notable H [possible]

By m3dodds · #48982 · 1/09/09

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Was the swamp ape a human ancestor? (<https://groups.io/g/AAT/message/48967>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1540,64969550)

Some would say otherwise, which is a a bit two faced as they are the very same people who who argue that chimpanzee should be included in genus Homo on the basis of a similarity. The habilis was conte

By m3dodds · #48967 · 1/08/09

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The Return of the Neandertals? (<https://groups.io/g/AAT/message/48966>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1540,64969906)

"I find the idea of resurrecting the Neanderthal so ridiculous that any speculation on surrogate mothers is superfluous," says Pääbo. At most, researchers might replace some human genes with the Neand

By m3dodds · #48966 · 1/08/09

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Was the swamp ape a human ancestor? (<https://groups.io/g/AAT/message/48953>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1540,64969550)

Effectively you are saying the E.Afr.a'piths should be in genus Gorilla, yes? [An other a'piths in genus P?] Before the P/H [4.5 mya] ? Possibly P was in the southern half of the central forest afterw

By m3dodds · #48953 · 1/07/09

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Was the swamp ape a human ancestor? (<https://groups.io/g/AAT/message/48943>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1540,64969550)

Not so sure, about Gorilla. But, would definitely rule out robustus, aethiopicus and boisei from having anything to do with P and H, on the grounds that Paranthropus probably split from the gracile A

By m3dodds · #48943 · 1/06/09

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Was the swamp ape a human ancestor? (<https://groups.io/g/AAT/message/48921>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1540,64969550)

That is clearly not what I said, and bears no relation to what I have said. You postulated Oreopithecus [an I assume also Sahelanthropus] as a direct ancestor of Man, not I, it is your scenario. ---m3

By m3dodds · #48921 · 1/05/09

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You Tube - Elaine Morgan on the Aquatic Ape Theory (<https://groups.io/g/AAT/message/48920>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1540,64969809)

A lecture given by Elaine Morgan on the Aquatic Ape Theory at University College London, 17th Oct 2008 Part.1 (video)

<http://uk.youtube.com/watch?v=aRrRzdIYzac> Part.2 (video) <http://uk.youtube.com/wat>

By m3dodds · #48920 · 1/05/09

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Was the swamp ape a human ancestor? (<https://groups.io/g/AAT/message/48917>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1540,64969550)

Not all characteristics, by any means ... Gorilla-like scapula ... Ape-like semicircular canals ... [quote.1] Like adult A. afarensis, the Dikika baby had long, curved fingers. But the fossil also bri

By m3dodds · #48917 · 1/05/09

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Was the swamp ape a human ancestor? (<https://groups.io/g/AAT/message/48908>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1540,64969550)

Think your definition Marc, of the 'central forest' should include all of west central Africa. An H probably colonised the Afar, rather than Ind.Ocean shores as such. in our vertical etc.?), with post

By m3dodds · #48908 · 1/04/09

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Was the swamp ape a human ancestor? (<https://groups.io/g/AAT/message/48896>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1540,64969550)

Agree, Chororapithecus abyssinicus [10-11 mya] is a possible [still controversial] Gorilla ancestor, but equally the teeth could have belonged to an extinct Gorilla-like ape, or even the G/P/H - LCA.

By m3dodds · #48896 · 1/03/09

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Birth (<https://groups.io/g/AAT/message/48894>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1540,64969726)

We are not screwed up, birth comparisons with chimpanzees are meaningless. The human animal is an orthograde biped with a relatively large brain, not a diagonograde knuckle walker with a tiny brain. T

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### Birth (<https://groups.io/g/AAT/message/48885?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1540,64969726)

As they say, there is always something worse ... much worse. The Painful Realities of Hyena Sex

[http://www.livescience.com/animals/060426\\_hyena\\_cubs.html](http://www.livescience.com/animals/060426_hyena_cubs.html) The oddness of Hyaenas <http://muton.blogspot.c>

By m3dodds · #48885 · 1/02/09

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### Cheetahs: non-climbing runners (<https://groups.io/g/AAT/message/48867?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1540,64969684)

running, but what about walking? I read somewhere that a human can out walk a horse. Perhaps we evolved as long distance walkers, from one forage sight to another (along a beach for fish, up into the

By m3dodds · #48867 · 12/31/08

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### Cheetahs: non-climbing runners (<https://groups.io/g/AAT/message/48861?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1540,64969684)

[http://news.yahoo.com/s/livescience/20081230/sc\\_livescience/ancientfossilsuggestsoriginofcheetahs;\\_ylt=Arhs8Nt6FLz1riYMGsXbdWuyvtEF](http://news.yahoo.com/s/livescience/20081230/sc_livescience/ancientfossilsuggestsoriginofcheetahs;_ylt=Arhs8Nt6FLz1riYMGsXbdWuyvtEF) features. Would agree humans are more sprinters, than they ever were

By m3dodds · #48861 · 12/31/08

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### Happy New Year (<https://groups.io/g/AAT/message/48860?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1540,64969687)

Wishing you all a good Hogmanay, and all good wishes for the coming year. May it be the year AAT gets the recognition it rightly deserves. ---

m3d Hogmanay <http://en.wikipedia.org/wiki/Hogmanay>

By m3dodds · #48860 · 12/31/08

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### Late Hn in SE-Iberia (<https://groups.io/g/AAT/message/48859?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1540,64969683)

2008 PNAS present) ramus, dental combined with tooth root difference with associated Thanks, Marc. Competition with Cro-Magnons, entering Europe from the east seems to have pushed the Neandertals to t

By m3dodds · #48859 · 12/31/08

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### 1000 New Species found in Mekong region (<https://groups.io/g/AAT/message/48847?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1540,64969666)

Striped rabbits, bright pink millipedes laced with cyanide and a spider bigger than a dinner plate are among a host of new species discovered in a remote wildlife hotspot. [quote - The Australian] Mor

By m3dodds · #48847 · 12/29/08

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### 800ka fire control - expansion from equator? (<https://groups.io/g/AAT/message/48839?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1540,64969647)

[http://www.scientificblogging.com/news\\_releases/wonderwerk\\_cave\\_yields\\_earliest\\_evidence\\_our\\_cavedwelling\\_ancestors](http://www.scientificblogging.com/news_releases/wonderwerk_cave_yields_earliest_evidence_our_cavedwelling_ancestors)

<http://anthropology.net/2008/08/12/advent-of-cooking-the-big-cognitive-leap-in-human>

By m3dodds · #48839 · 12/28/08

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### Snowy Owl - A Marine Species? (<https://groups.io/g/AAT/message/48827?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1560,64969631)

[quote] "Six of the adult females that we followed in a satellite study spent most of last winter far out on the Arctic sea ice," said Université Laval doctoral student Jean-Francois Therrien, who is

By m3dodds · #48827 · 12/26/08

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### Gran Dolina paleo-environment (<https://groups.io/g/AAT/message/48813?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1560,64969506)

of the Pleistocene amphibians & coldest palaeo-climatic From the south? do you mean Africa, north Africa? Homo hiedelbergensis wasn't simply in Europe, they were also in Asia and Africa. Genetic studi

By m3dodds · #48813 · 12/24/08

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### Nollaig Chridheil a h-uile duine! (<https://groups.io/g/AAT/message/48810?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1560,64969598)

Nollaig Chridheil a h-uile duine! (Happy Christmas everyone!) Slainte mhath ---m3d

By m3dodds · #48810 · 12/24/08

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### Was the swamp ape a human ancestor? (<https://groups.io/g/AAT/message/48803?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1560,64969550)

Agree. It was clearly adapted for life on a swamp island. (possibly it was a swamp Australopithecus) Wouldn't Gorilla would be splitting from P/H in Africa, at around the time it inhabited the Tuscany

By m3dodds · #48803 · 12/22/08

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Was the swamp ape a human ancestor? (<https://groups.io/g/AAT/message/48796?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1560,64969550)

Thanks. [think there may be an error in the URL - link] Its a strange candidate for a human ancestor, the configuration of its bird-like feet is weird [the big toe of its foot splayed out to almost 90

By m3dodds · #48796 · 12/21/08

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metabolic cost of walking in Hs, Pt & Aa (<https://groups.io/g/AAT/message/48793?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1560,64969503)

Would disagree. Others may have noted it, but only Filler had the insight to see what it meant (IMO). Agree. More so after reams of unreadable drivel about bipedalism being unique and special in Man.

By m3dodds · #48793 · 12/21/08

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Gran Dolina paleo-environment (<https://groups.io/g/AAT/message/48781?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1560,64969506)

Gran small-vertebrate provide mammals, small in the OK (but we still have a lot more in common, with them, than we have with even the late H.erectus) ---m3d processes. fossils degree. have small of th

By m3dodds · #48781 · 12/20/08

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metabolic cost of walking in Hs, Pt & Aa (<https://groups.io/g/AAT/message/48780?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1560,64969503)

hominins model to walking cost that of Yes (not all his interpretations of his findings). ---m3d

By m3dodds · #48780 · 12/20/08

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Gran Dolina paleo-environment (<https://groups.io/g/AAT/message/48775?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1560,64969506)

amphibian Spain Castro & E oldest evidence (levels (MTC) & for each always Cave ; Climatic throughout the Thanks, Marc. Excellent article, just finished reading a PDF copy of it. Would seem the common

By m3dodds · #48775 · 12/19/08

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metabolic cost of walking in Hs, Pt & Aa (<https://groups.io/g/AAT/message/48774?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1560,64969503)

nature & experimental data humans, and linking bipedalism postures above those other important QPape-like forebears ... Somebody, hasn't read Filler's book. ---m3d

By m3dodds · #48774 · 12/19/08

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Orangutan's Spontaneous Whistling ... (<https://groups.io/g/AAT/message/48766?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1560,64969388)

OK Not so sure ... Still think, it has to do with arborealism that size. Think the large extinct archaеolemurinae was more like a baboon, while another of the larger [extinct] Indri was sloth-like? Po

By m3dodds · #48766 · 12/18/08

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Orangutan's Spontaneous Whistling ... (<https://groups.io/g/AAT/message/48761?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1560,64969388)

Would add a fourth [4] ... Tail loss in arboreals, where selection favoured a vertical spine. [large? - there are very large aquatics an quadrupeds with tails, example - elephants. So tail loss is pos

By m3dodds · #48761 · 12/17/08

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human locomotion (very?) recent (Re: Tobias 1995 (<https://groups.io/g/AAT/message/48757?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1560,64969441)

Not learning, developing ... At birth a newborns brain is about 25% of its adult size, within the first six months it will double ... A newborns brain also consumes about 74% of the bodies energy inta

By m3dodds · #48757 · 12/16/08

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human locomotion (very?) recent (Re: Tobias 1995 (<https://groups.io/g/AAT/message/48755?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1560,64969441)

Obviously I disagree as medical research and human experience would say otherwise. Humans are one of the species born still developing, it is one reason why human babies, are born fat babies. Does beg

By m3dodds · #48755 · 12/16/08

human locomotion (very?) recent (Re: Tobias 1995 (<https://groups.io/g/AAT/message/48751?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1560,64969441)

Nonsense. Being born fully formed and ready, an being born still developing, depends on the animal being born. Prey species for obvious reasons are more likely to be born fully formed, an up and runni

By m3dodds · #48751 · 12/15/08

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Orangutan's Spontaneous Whistling ... (<https://groups.io/g/AAT/message/48743?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1560,64969388)

Do you mean, it does, or does not in hominoids? With a vertical spine, tails became redundant, or was the tail lost [if the ancestor of the apes ever had one] earlier? Brachiation a pre-adaptation to

By m3dodds · #48743 · 12/14/08

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Morphogenetic Basis of Human Origins - Aaron G. Filler (<https://groups.io/g/AAT/message/48740?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1560,64969428)

For those of you with an interested in how we became bipedal, I recommend reading this excellent article/paper by Aaron G.Filler. [published last year - 2007] Homeotic Evolution in the Mammalia: Diver

By m3dodds · #48740 · 12/13/08

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Orangutan's Spontaneous Whistling ... (<https://groups.io/g/AAT/message/48737?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1560,64969388)

Either seems possible, but a gradual change seems likely for it to be favoured(selected for). One other factor is the date, at around 18-19 million years ago the African continent would finally be clo

By m3dodds · #48737 · 12/13/08

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Orangutan's Spontaneous Whistling ... (<https://groups.io/g/AAT/message/48736?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1560,64969388)

Leopards, specifically the Clouded Leopard would fit the big cat bill for south east Asia. They are much at home in swampy forest as they are in the mountains (it's a good climber of trees). Leopard o

By m3dodds · #48736 · 12/13/08

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'Oldest human brain' discovered (<https://groups.io/g/AAT/message/48735?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1560,64969401)

Dan Could be the oldest, oldest not found in a peat bog. Peat bogs are known to preserve soft tissue for centuries, and in some cases thousands of years. <http://www.answers.com/topic/bog-body> And the

By m3dodds · #48735 · 12/13/08

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'Oldest human brain' discovered (<https://groups.io/g/AAT/message/48719?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1580,64969401)

Archaeologists have found the remains of what could be Britain's oldest surviving human brain. The team, excavating a York University site, discovered a skull containing a yellow substance which scans

By m3dodds · #48719 · 12/12/08

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Orangutan's Spontaneous Whistling ... (<https://groups.io/g/AAT/message/48718?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1580,64969388)

Big cats, in south east Asia, do you mean Leopards? [like the Clouded Leopard] ---m3d

By m3dodds · #48718 · 12/12/08

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Orangutan's Spontaneous Whistling ... (<https://groups.io/g/AAT/message/48717?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1580,64969388)

No doubt there were many examples of wet-apes over the last few million years, but bipedalism among apes has its origins with an advantageous change in the spine some 21 million years ago [Filler - Mo

By m3dodds · #48717 · 12/12/08

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Orangutan's Spontaneous Whistling ... (<https://groups.io/g/AAT/message/48711?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1580,64969388)

"This is important because it provides a mechanism to explain documented between-population variation in sounds for wild orangutans," Wich said. "In addition, it counters a long-held assumption that n

By m3dodds · #48711 · 12/11/08

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Airheads: pneumatic, sinuses (<https://groups.io/g/AAT/message/48709?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1580,64969380)

Large PNSs ground-dwelling parts swim for herbivores with body superficial fat T. Rex, Other Big Dinosaurs Could Swim, New Evidence

Suggests <http://news.nationalgeographic.com/news/2007/05/070529-dino>

By m3dodds · #48709 · 12/11/08

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The Last Neandertals? (<https://groups.io/g/AAT/message/48707?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1580,64969383)

ScienceDaily (Dec. 11, 2008) — It is widely accepted that Upper Paleolithic early modern humans spread westward across Europe about 42,000 years ago, variably displacing and absorbing Neandertal popul

By m3dodds · #48707 · 12/11/08

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Did Neanderthal cells cook as the climate warmed? (<https://groups.io/g/AAT/message/48691?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1580,64969336)

[http://www.newscientist.com/article/dn16155-did-neanderthal-cells-cook-as-th climates](http://www.newscientist.com/article/dn16155-did-neanderthal-cells-cook-as-th-climates)) - other The last glaciation [cold phase] is said to have begun about 110,000 years ago ending between 10,000 and

By m3dodds · #48691 · 12/09/08

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Did Neanderthal cells cook as the climate warmed? (<https://groups.io/g/AAT/message/48686?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1580,64969336)

[http://www.newscientist.com/article/dn16155-did-neanderthal-cells-cook-as-the- cope with Neanderthals](http://www.newscientist.com/article/dn16155-did-neanderthal-cells-cook-as-the-cope-with-Neanderthals) Chinnery, a mutations in the and deafness. Chinnery says. advantageous Neanderthals fluctuating po

By m3dodds · #48686 · 12/08/08

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"Enormous" prehistoric dugout at bottom of Black Sea (<https://groups.io/g/AAT/message/48684?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1580,64969330)

Appears to have been carved from oak, not an easy task. This news item on it, has four images/pics of the boat.

<http://www.thestate.com/world/story/605598.html> Click on an image, to enlarge it. ---m3d

By m3dodds · #48684 · 12/08/08

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H.ergasrer (Re: Re: Jurassic Turtles Could Swim (<https://groups.io/g/AAT/message/48679?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1580,64969320)

& long pelvis hippo long & Conventional PAs would disagree with your summary, as apparently in their view H.ergaster an H.erectus pelvic arrangements would have made them better "runners" than modern

By m3dodds · #48679 · 12/07/08

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Jurassic Turtles Could Swim (<https://groups.io/g/AAT/message/48677?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1580,64969141)

wrote: <dons3148@> Agree. Be difficult to find proof on the seashores though, due to constant erosion and changes in sea levels over the last two million years. [quote] Another notable characteristic

By m3dodds · #48677 · 12/07/08

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Jurassic Turtles Could Swim (<https://groups.io/g/AAT/message/48672?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1580,64969141)

wrote: <dons3148@> I'd say Kabwe could be H.sapiens[not Hss/modern man], but is H.hiedelbergensis given the dates, an that it appears to have some traits of both H.neandertal and H.sapiens. H.heid was

By m3dodds · #48672 · 12/06/08

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Jurassic Turtles Could Swim (<https://groups.io/g/AAT/message/48669?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1580,64969141)

wrote: <dons3148@> H.ergaster existed, an is a more likely ancestor than H.erectus. Not yet on the family tree ... Homo ergaster > Ha/Hheid > Hn/Hs > Hsi/Hss Early Human Phylogeny <http://anthropology>.

By m3dodds · #48669 · 12/06/08

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Obsidian, freshwater, Hs 80ka older than idaltu? (<https://groups.io/g/AAT/message/48665?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1580,64969230)

<http://news.nationalgeographic.com/news/2008/12/081203-homo-sapien-missions>. Agree. But the authors of the article in Nat.geo, appeared to have jumped to the assumption that only Hss was capable of ma

By m3dodds · #48665 · 12/06/08

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Jurassic Turtles Could Swim (<https://groups.io/g/AAT/message/48657?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1580,64969141)

wrote: flat H.erectus could have coexisted, with H.neandertal H.hiedelbergensis, and even possibly Hss if they were still around in Java 30,000 years ago. H.erectus 1.8 mya to 300,000 years ago, or H.

By m3dodds · #48657 · 12/05/08

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Jurassic Turtles Could Swim (<https://groups.io/g/AAT/message/48654?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1580,64969141)

[http://thebrain.mcgill.ca/flash/i/i\\_01/i\\_01\\_cr/i\\_01\\_cr\\_ana/i\\_01\\_cr\\_ana.html](http://thebrain.mcgill.ca/flash/i/i_01/i_01_cr/i_01_cr_ana/i_01_cr_ana.html) Both Hn/He were robust(in comparison to Hss) an did not exactly have 'streamlined' bodies (for example Hn's barrel upper bod

By m3dodds · #48654 · 12/05/08

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Jurassic Turtles Could Swim (<https://groups.io/g/AAT/message/48653?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1580,64969141)

wrote: other foraging sapiens. to do Relatively small ... H.erectus, averaged about 70% the size, of the modern human brain. H.neandertal had a similar sized brain, whilst that of H.hiedlbergensis ove

By m3dodds · #48653 · 12/05/08

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The Long Road to Modernity (<https://groups.io/g/AAT/message/48645?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1580,64969245)

"Morgan and Renne suggest that the early dates at both Gademotta and Kapthurin indicate that the tools were probably not invented by modern humans but rather by ancestral hominids intermediate between

By m3dodds · #48645 · 12/04/08

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Obsidian, freshwater, Hs 80ka older than idaltu? (<https://groups.io/g/AAT/message/48644?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1580,64969230)

<http://news.nationalgeographic.com/news/2008/12/081203-homo-sapien-missions.html> > National Geographic - gets it wrong again?

[National Geographic] "Modern humans may have evolved more than 80,000 yea

By m3dodds · #48644 · 12/04/08

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Jurassic Turtles Could Swim (<https://groups.io/g/AAT/message/48643?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1580,64969141)

wrote: Neither of these need worry about their weight. Could be. Have heard that crocs and birds may be related. foraged in ruling they negative whales. [http://en.wikipedia.org/wiki/Leatherback\\_turtle](http://en.wikipedia.org/wiki/Leatherback_turtle)

By m3dodds · #48643 · 12/04/08

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Jurassic Turtles Could Swim (<https://groups.io/g/AAT/message/48642?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1600,64969141)

[http://thebrain.mcgill.ca/flash/i/i\\_01/i\\_01\\_cr/i\\_01\\_cr\\_ana/i\\_01\\_cr\\_ana.html](http://thebrain.mcgill.ca/flash/i/i_01/i_01_cr/i_01_cr_ana/i_01_cr_ana.html) Elongated ... Neandertals skulls were more elongated, possibly a trait they inherited from H.hiedelbergensis, which the late

By m3dodds · #48642 · 12/04/08

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Jurassic Turtles Could Swim (<https://groups.io/g/AAT/message/48629?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1600,64969141)

<http://dinosaurs.about.com/od/dailylifeofadinosaur/a/dinocombat.htm> Armour would mean additional weight ... for a bird. Most paleontologists would say birds are the descendants of dinosaurs, but then

By m3dodds · #48629 · 12/03/08

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Jurassic Turtles Could Swim (<https://groups.io/g/AAT/message/48623?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1600,64969141)

220 million years ago, late Triassic, a single massive continent and single ocean [a very different Earth]. Could be, manatees have very dense thick skin for neutral buoyancy. Don't know about outlast

By m3dodds · #48623 · 12/02/08

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Jurassic Turtles Could Swim (<https://groups.io/g/AAT/message/48618?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1600,64969141)

Competition in the Triassic must have been pretty tough, as the "arms race" among reptiles(dino's) went to lengths not seen(yet) among mammals ... in comparison to some of the dinosaurs, today's turtl

By m3dodds · #48618 · 11/30/08

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Jurassic Turtles Could Swim (<https://groups.io/g/AAT/message/48615?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1600,64969141)

On evolution of turtle shells ... IMO their ancestors evolved them as terrestrial armour like many other reptiles(dinosaurs). 'Modern' turtles seem to have an affinity to Placodonts of the Triassic (a

By m3dodds · #48615 · 11/29/08

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Jurassic Turtles Could Swim (<https://groups.io/g/AAT/message/48598?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1600,64969141)

[http://scienceblogs.com/notrocketscience/2008/11/heroes\\_in\\_a\\_halfshell\\_show\\_how\\_turtles\\_evolved.php](http://scienceblogs.com/notrocketscience/2008/11/heroes_in_a_halfshell_show_how_turtles_evolved.php) Intriguing DD, I would have thought it would have been the other way round - top shell before the bottom  
By m3dodds · #48598 · 11/27/08

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### Jurassic Turtles Could Swim (<https://groups.io/g/AAT/message/48592?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1600,64969141)

Jurassic Turtles Could Swim ScienceDaily (Nov. 26, 2008) — Around 164 million years ago the earliest aquatic turtles lived in lakes and lagoons on the Isle of Skye, Scotland, according to new research

By m3dodds · #48592 · 11/26/08

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### Floppy-footed Gibbons Help Us Understand How Early Humans May Have Walked

(<https://groups.io/g/AAT/message/48564?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1600,64969019)  
Dan Whilst the movie trilogy "Lords of The Ring"(which I have watched twice, but not in one sitting) is an excellent romp through Germanic, Norse, Celtic and Icelandic mythology( which probably did no

By m3dodds · #48564 · 11/22/08

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### Floppy-footed Gibbons Help Us Understand How Early Humans May Have Walked

(<https://groups.io/g/AAT/message/48563?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1600,64969019)  
Hi Dan Was an interesting article as you say, though I do not think it added anything new to what we already know about bipedalism, as such. Myself I have always taken the view that there is nothing u

By m3dodds · #48563 · 11/22/08

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### Floppy-footed Gibbons Help Us Understand How Early Humans May Have Walked

(<https://groups.io/g/AAT/message/48549?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1600,64969019)  
Probably never will ... Also the date they use for the first appearance of the modern arched human foot(unique?), oddly coincides with the emergence of H. erectus on the world stage. Don't think that c

By m3dodds · #48549 · 11/21/08

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### Tarim Basin - Silk Road mtDNA from caucasus area (<https://groups.io/g/AAT/message/48548?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1600,64964869)

Intriguing DD, those that travelled, traded to the west became Celts those that travelled, traded to the east became Tocharia.

<http://en.wikipedia.org/wiki/Scythians> Doubtful though that the Han, will

By m3dodds · #48548 · 11/21/08

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### Floppy-footed Gibbons - How Early Humans May Have Walked (<https://groups.io/g/AAT/message/48543?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1600,64969017)

The human foot is a miracle of evolution. We can keep striding for miles on our well-sprung feet. There is nothing else like them, not even amongst our closest living relatives. According to Evie Vere

By m3dodds · #48543 · 11/20/08

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### Human ancestors born big brained (<https://groups.io/g/AAT/message/48524?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1600,64968980)

A bit obvious ... But this quote is interesting: [quote] "The new finding, published in Science magazine, conflicts with earlier ideas that suggest they had a tall, thin body shape adapted for running

By m3dodds · #48524 · 11/16/08

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### Homo in E.Asia (<https://groups.io/g/AAT/message/48522?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1600,64968969)

F & Deng report stringent age Yuanmou Basin yielding of Homo, prior to indicate vegetation with swamp. route of Less than two million years ago. It could have been a possible that H. erectus trekked ov

By m3dodds · #48522 · 11/15/08

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### Earliest Homo in Asia (<https://groups.io/g/AAT/message/48508?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1600,64968934)

Early evidence of the genus Homo in East Asia. Zhu RX, Potts R, Pan YX, Yao HT, LÃ¼ LQ, Zhao X, Gao X, Chen LW, Gao F, Deng CL. Paleomagnetism and Geochronology Laboratory (SKL-LE), Institute of Geolog

By m3dodds · #48508 · 11/13/08

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### Did Warfare Shape Human Evolution? (<https://groups.io/g/AAT/message/48507?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1600,64968931)

[quote] It's a question at the heart of what it is to be human: why do we go to war? The cost to human society is enormous, yet for all our intellectual development, we continue to wage war well into

By m3dodds · #48507 · 11/12/08

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Lar. air sac, speech/song (<https://groups.io/g/AAT/message/48504?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1600,64968861)

if the submersed Khoisan occurs of NO humming feeding \_factor beetroot) and is skin Agree. As in all things, moderation is best(don't do it to excess). Oxygen is always thought of as essential, but wh

By m3dodds · #48504 · 11/11/08

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milk composition (Re: Re: Lar. air sac, speech/song (<https://groups.io/g/AAT/message/48492?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1600,64968893)

Possibly humans have more cholesterol, because memory and learning may be dependant on cholesterol. Learning, Your Memory, and Cholesterol <http://www.cholesterol-and-health.com/Memory-And-Cholesterol>.

By m3dodds · #48492 · 11/10/08

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Lar. air sac, speech/song (<https://groups.io/g/AAT/message/48491?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1600,64968861)

wrote: Agree, savanna animals have to be up on their feet almost from the moment they are born. So they have a lot more protein in their milk, compared to that of humans. Not so sure. Interaction betw

By m3dodds · #48491 · 11/10/08

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Lar. air sac, speech/song (<https://groups.io/g/AAT/message/48490?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1600,64968861)

...> wrote: texte/9disease. html submersed. The conclusion DD, would to eat a greens, and to shower less often. ---m3d

By m3dodds · #48490 · 11/10/08

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milk composition (Re: Re: Lar. air sac, speech/song (<https://groups.io/g/AAT/message/48489?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1620,64968893)

Paediatric journals, and web-sites on infants and the benefits of breast feeding mention the statistic ... This reference is from a different source: [quote] Both EPA and DHA occur naturally in the bo

By m3dodds · #48489 · 11/10/08

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Lar. air sac, speech/song (<https://groups.io/g/AAT/message/48472?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1620,64968861)

<http://www.berggorilla.org/english/gjournal/texte/9disease.html> The last three months in the womb, and the first three years out of the womb, are crucial for the development of the human brain, in the

By m3dodds · #48472 · 11/09/08

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Lar. air sac, speech/song (<https://groups.io/g/AAT/message/48471?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1620,64968861)

Sound in water travels quickly in all directions in a spherical While back floating the face/mouth would out of the water, but the ears would be in the water, would you hear a clicking/humming sound e

By m3dodds · #48471 · 11/09/08

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"Anthropocene"? WhaAAAH?! (<https://groups.io/g/AAT/message/48463?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1620,64968879)

"Anthropocene"? Silly me. I thought we already had a name for this: the Holocene. That's the geological epoch that began 10,000 years ago, with the recession of the last Ice Age. It was during the ear

By m3dodds · #48463 · 11/08/08

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Lar. air sac, speech/song (<https://groups.io/g/AAT/message/48461?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1620,64968861)

DD. I would guess all that milk is put to good use, as the human brain is a little more 'hungrier' than most just after birth, as something like 70/75% of what a human newborn consumes(energy) in the

By m3dodds · #48461 · 11/08/08

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DNA chunks, chimps and humans (<https://groups.io/g/AAT/message/48440?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1620,64968828)

[quote] Researchers have carried out the largest study of differences between human and chimpanzee genomes, identifying regions that have been duplicated or lost during evolution of the two lineages.

By m3dodds · #48440 · 11/06/08

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a moment to consider (<https://groups.io/g/AAT/message/48435?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1620,64968730)

DD. The blobfish skimming along on the ocean bottom is well named ... Guess to their own kind they are acceptable, but from a human

perspective ... they are dead ugly! Does though raise another intere

By m3dodds · #48435 · 11/05/08

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The Role of Water in Human Evolution (<https://groups.io/g/AAT/message/48422?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1620,64968799)

Paleoenvironment of Africa: How wet is wet? <http://hoopermuseum.earthsci.carleton.ca/aquatic/wat4.htm> Water and Human Migrations

<http://hoopermuseum.earthsci.carleton.ca/aquatic/wat6.htm> ---m3d

By m3dodds · #48422 · 11/03/08

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a moment to consider (<https://groups.io/g/AAT/message/48415?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1620,64968730)

Not yet convinced on 'floresiensis', as such. Hss(AMH) probably on foot and using boats, followed the coastal route east ... On the other hand, it is more likely that H.erectus would have taken the sh

By m3dodds · #48415 · 11/02/08

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a moment to consider (<https://groups.io/g/AAT/message/48412?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1620,64968730)

Probably there were 'wet apes' in the forest many times over the last twenty odd million years ... not so certain on the other hand that many of them abandoned the forest, for the coast, to the extent

By m3dodds · #48412 · 11/01/08

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a moment to consider (<https://groups.io/g/AAT/message/48403?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1620,64968730)

DD. Wouldn't it more accurate to say that something very strange happened to the Human ape? Stephen C. Cunnane has explanation as why we are apes with relatively large brains. An Aaron G.Filler has an

By m3dodds · #48403 · 10/31/08

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Dead man's float (<https://groups.io/g/AAT/message/48395?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1620,64968710)

with Shorter legs/arms relative to trunk length? There is another version of the 'back float' called the 'starfish' which is effectively floating with all four four limbs spread out. Polar bears crawl

By m3dodds · #48395 · 10/29/08

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Hs: humid corridor across the Sahara? (<https://groups.io/g/AAT/message/48394?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1620,64968719)

humans Africa across the critical time. buried fossil with coast. these fossil particular. across a If not north out of Africa via the Nile and the Levant. Libya to the Italian peninsula, or across th

By m3dodds · #48394 · 10/29/08

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Video: Macaques Swimming Underwater (<https://groups.io/g/AAT/message/48379?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1620,64968561)

wrote: Another name for it is the 'jellyfish'. Names like Dead Man's Float an Jellyfish, probably result from the position taken in the water, floating like jellyfish or a dead body ... Agree. Floatin

By m3dodds · #48379 · 10/27/08

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Video: Macaques Swimming Underwater (<https://groups.io/g/AAT/message/48377?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1620,64968561)

The dead man's float, or to give it its correct name the survival float, is a different floating technique. Why would you want to float that way, when you can simply lie back, relax and float? See: Im

By m3dodds · #48377 · 10/26/08

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Video: Macaques Swimming Underwater (<https://groups.io/g/AAT/message/48367?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1620,64968561)

If you are buoyant(neutral or positive) and lie on your back in the water(seawater)your face/nose/mouth will be above the water. Takes no effort to backfloat, if you are buoyant, but some are naturall

By m3dodds · #48367 · 10/26/08

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15ka Amur pottery (<https://groups.io/g/AAT/message/48366?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1620,64968653)

Found this on the genetic origins of the Japan people ... its a bit brief, but it appears to say they are mainly Yohoi in origin. Genetic origins of the Japanese <http://www.sjsu.edu/faculty/watkins/ja>

By m3dodds · #48366 · 10/26/08

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15ka Amur pottery (<https://groups.io/g/AAT/message/48376?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1620,64968653)

The Ainu in Japan ... by hairy, light skinned, do they mean they had Caucasian ancestry? Found this short piece on the genetic origins of the Japanese people. <http://www.sjsu.edu/faculty/watkins/japan>

By m3dodds · #48376 · 10/25/08

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15ka Amur pottery (<https://groups.io/g/AAT/message/48352?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1620,64968653)

Yayoi and Jomon (World Civilisations) (ancient Japan an the Japanese) <http://wsu.edu/~dee/ANCJAPAN/YAYOI.HTM>  
<http://wsu.edu/~dee/ANCJAPAN/ANJAPAN1.HTM> <http://wsu.edu/~dee/ANCJAPAN/CONTENTS.HTM> ---m3d

By m3dodds · #48352 · 10/24/08

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Video: Macaques Swimming Underwater (<https://groups.io/g/AAT/message/48351?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1620,64968561)

wrote: does not constantly ----- Neural buoyancy. Possibly. Impaired lung function would likely reduce buoyancy. Dense bones would also contribute to negati

By m3dodds · #48351 · 10/24/08

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Video: Macaques Swimming Underwater (<https://groups.io/g/AAT/message/48331?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1640,64968561)

wrote: fashion Not my point, I was simply pointing out that what would be shallow water for the average man, would be deep water for the average macaque. What is the difference between floating(backfl

By m3dodds · #48331 · 10/23/08

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Video: Macaques Swimming Underwater (<https://groups.io/g/AAT/message/48320?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1640,64968561)

They are a much smaller animal, so depth is probably relative. Some humans are simply negatively buoyant in water ... (if you had five litre lungs, instead of six, you would be 2.2 lbs heavier in wate

By m3dodds · #48320 · 10/22/08

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Video: Macaques Swimming Underwater (<https://groups.io/g/AAT/message/48316?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1640,64968561)

The ones in the first half of the video appear to be in waist deep water, while the one filmed in the latter part appears to be in water that is two to three times its height. (macaque height aprox. 5

By m3dodds · #48316 · 10/22/08

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Video: Macaques Swimming Underwater (<https://groups.io/g/AAT/message/48303?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1640,64968561)

(2004) Monkey apes humans by walking on two legs <http://www.msnbc.msn.com/id/5479501/>

By m3dodds · #48303 · 10/21/08

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Breathing through the feet ... (<https://groups.io/g/AAT/message/48301?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1640,64968474)

Probably with the first fish, Romer argued lungs came before gills, but other scientists say otherwise. Tetrapods Answer (scroll down to Gills and Lungs) <http://www.devoniantimes.org/opportunity/tetra>

By m3dodds · #48301 · 10/21/08

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Video: Macaques Swimming Underwater (<https://groups.io/g/AAT/message/48300?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1640,64968561)

Appears to be using a very effective underwater swimming technique, making better use of the legs than the average human swimming underwater. From the last half of the video it doesn't appear to be fi

By m3dodds · #48300 · 10/21/08

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Video: Macaques Swimming Underwater (<https://groups.io/g/AAT/message/48298?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1640,64968561)

Question: Can monkeys, in this case Macaques hold their breath underwater? Video of Macaques diving, swimming underwater and feeding underwater. <http://uk.youtube.com/watch?v=9ObDgBLFo9w> ---m3d

By m3dodds · #48298 · 10/21/08

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Breathing through the feet ... (<https://groups.io/g/AAT/message/48284?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1640,64968474)

respiration in became at Tet Freshwater amphibians ... Would speculate that Homo ancestors may have had smaller lungs, but their lungs

would have fashioned in the same manner as our own. Vertebrates I

By m3dodds · #48284 · 10/20/08

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Breathing through the feet ... (<https://groups.io/g/AAT/message/48266?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1640,64968474)

ancestors had hair An eureka moment ... Both frogs and salamanders are amphibians, which could also explain their need for a moist skin.

Doubtful breathing through the skin(diffusion?)would be any val

By m3dodds · #48266 · 10/19/08

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Breathing through the feet ... (<https://groups.io/g/AAT/message/48250?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1640,64968474)

Interesting thought, but I Would have thought all mammal ancestors, would have had lungs. (lungs originating, with the lung fish?). Wouldn't it be more likely the volar surfaces were/are free of hair,

By m3dodds · #48250 · 10/18/08

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Homo came from Asia? (<https://groups.io/g/AAT/message/48248?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1640,64968464)

Taking the timing into account, H.erectus probably took a shortcut to the east, not the long and winding road along the coast. Trekked up to Dmanisi (fossil evidence) via the Levant (Jordan valley), f

By m3dodds · #48248 · 10/18/08

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Tiktaalik, middle ear (<https://groups.io/g/AAT/message/48227?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1640,64968436)

--- In AAT@..., "DDeden" <alas\_my\_loves@...> wrote: Evolution of the neck ... 'Evolution by steps' (some neat illustrations, of the change)

<http://www.eurekalert.org/multimedia/pub/10319.p>

By m3dodds · #48227 · 10/16/08

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Cutaneous respiration in humans 2%? (<https://groups.io/g/AAT/message/48222?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1640,64968415)

[quote] The average pair of human lungs can hold about 6 liters of air, but only a small amount of this capacity is used during normal breathing. Breathing mechanism in mammals is called "tidal breath

By m3dodds · #48222 · 10/15/08

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Did ancient river channels guide humans out of Africa? (<https://groups.io/g/AAT/message/48221?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1640,64968394)

Reasonable speculation, DD. If you take into account that Lake Chad was once a massive inland sea, possibly with a river or rivers flowing northward into the Med. (evidence for a least one river, is a

By m3dodds · #48221 · 10/15/08

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Did ancient river channels guide humans out of Africa? (<https://groups.io/g/AAT/message/48213?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1640,64968394)

Thanks, DD. Would appear Homo left Africa at earliest opportunity, curious in a way for two reasons, one being the other apes seem more territorial than nomadic, and second the northern hemisphere wou

By m3dodds · #48213 · 10/15/08

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Did ancient river channels guide humans out of Africa? (<https://groups.io/g/AAT/message/48204?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1640,64968394)

Yes, DD. The NS article is not very informative. But, I did find this on the BBC science page ... 'New pathway' for African exodus By Paul Rincon Science reporter, BBC News Researchers have found a po

By m3dodds · #48204 · 10/14/08

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Did ancient river channels guide humans out of Africa? (<https://groups.io/g/AAT/message/48199?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1640,64968394)

[quote] The first humans to leave Africa didn't have to struggle over baking sand dunes to find a way out – instead they might have followed a now-buried network of ancient rivers, researchers say. Ch

By m3dodds · #48199 · 10/14/08

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Transitionals (<https://groups.io/g/AAT/message/48194?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1640,64968180)

Why not? As Filler has shown, the potential for bipedalism in apes, has been around for millions of years, an its more than likely the P/H-LCA had an element of bipedalism. If an ape can walk upright

By m3dodds · #48194 · 10/14/08

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Transitionals (<https://groups.io/g/AAT/message/48187?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1640,64968180)

Agree. (isn't ageing, growing old, a replication error?) [http://upload.wikimedia.org/wikipedia/commons/5/5b/Evolution\\_pl.png](http://upload.wikimedia.org/wikipedia/commons/5/5b/Evolution_pl.png) Possibly they never ventured anywhere near the ocean coasts, only knew bodi

By m3dodds · #48187 · 10/13/08

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Transitionals (<https://groups.io/g/AAT/message/48186?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1640,64968180)

Could be the same, route ... Yes and no. I was thinking of the study on Orang-utans, that gave an insight into how bipedalism may have originated. [quote] A study of how wild orang-utans living in the

By m3dodds · #48186 · 10/13/08

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Stone age lakeside settlement wiped out (<https://groups.io/g/AAT/message/48175?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1660,64968343)

[quote] Now scientists are examining a new catastrophic scenario. Could it be that a severe rockslide in the Alps destroyed a prehistoric village? Alexander Binsteiner, a geologist and flint stone exp

By m3dodds · #48175 · 10/12/08

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Transitionals (<https://groups.io/g/AAT/message/48172?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1660,64968180)

Can't say, one way or the other, doubtful gross errors would be beneficial. Could be they were more ape-like, and still climbed. As to wading, possibly they shared the chimps dislike of water. icosah

By m3dodds · #48172 · 10/12/08

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Transitionals (<https://groups.io/g/AAT/message/48171?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1660,64968180)

There is not all that much difference between being vertical (sitting upright - walking through the forest canopy upright - like an orang-utan) in a arboreal niche and eventually walking upright on th

By m3dodds · #48171 · 10/12/08

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Transitionals (<https://groups.io/g/AAT/message/48164?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1660,64968180)

Genetic mutations are sometimes beneficial, gross errors I don't know.

[http://upload.wikimedia.org/wikipedia/commons/5/5b/Evolution\\_pl.png](http://upload.wikimedia.org/wikipedia/commons/5/5b/Evolution_pl.png) The a'piths, are said to have walked short distances with a d

By m3dodds · #48164 · 10/12/08

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Transitionals (<https://groups.io/g/AAT/message/48163?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1660,64968180)

The ancestor of the tetrapods would have slid around on its belly ... something like the Tiktaalik. Tetrapods: Tetrapods are vertebrate animals with four feet, legs or leglike appendages. In Greek, "t

By m3dodds · #48163 · 10/12/08

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quadriceps (Re: Re: Transitionals (<https://groups.io/g/AAT/message/48143?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1660,64968276)

Four parts? Probably not a Latin word ... as such. (1) Etymology:(Merriam-Webster) New Latin quadricipit-, quadriceps, from quadri- + -cipit-, -ceps (as in bicipit-, biceps biceps) (2) Terminology: (W

By m3dodds · #48143 · 10/11/08

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Transitionals (<https://groups.io/g/AAT/message/48137?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1660,64968180)

Guess the original dactyl arrangement of the tetrapod foot, needed to be a lot more stable than that offered by single digit today. Odd number arrangements probably offered a better platform to stand

By m3dodds · #48137 · 10/11/08

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quadriceps (Re: Re: Transitionals (<https://groups.io/g/AAT/message/48135?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1660,64968276)

Quadriceps - meaning - muscles of the front of the thighs. Has become the norm, in usage. (singular an plural) The correct plural spelling would be quadricipes ... (an ugly word) ---m3d

By m3dodds · #48135 · 10/11/08

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Transitionals (<https://groups.io/g/AAT/message/48132?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1660,64968180)

soil?? Would say pentadactyl is original(primitive) as all living tetrapods are believed to have had pentadactyl ancestor. Leaving out genetic

errors, other dactyl arrangements would have to be less t  
By m3dodds · #48132 · 10/11/08

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Transitionals (<https://groups.io/g/AAT/message/48131?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1660,64968180)

Correct. But I was thinking, speculating about something much older ... why we are all pentadactyl. see:  
[http://upload.wikimedia.org/wikipedia/commons/5/5b/Evolution\\_pl.png](http://upload.wikimedia.org/wikipedia/commons/5/5b/Evolution_pl.png) (the ancestor of all living  
By m3dodds · #48131 · 10/11/08

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Transitionals (<https://groups.io/g/AAT/message/48119?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1660,64968180)

wrote: Yes and no. We are all pentadactyl , but I was speculating as to why five, an not another odd number of digits, such as seven or nine.  
Generally yes, but I am not sure, as I think some of the a  
By m3dodds · #48119 · 10/10/08

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Transitionals (<https://groups.io/g/AAT/message/48114?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1660,64968180)

The past is where the answer lies. But, that paper more or less comes to the same conclusion that more than five digits would be superfluous  
(for standing/walking on). Nature subsequently seems to fav  
By m3dodds · #48114 · 10/10/08

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Transitionals (<https://groups.io/g/AAT/message/48105?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1660,64968180)

Yes some had eight others six, but evolution seems to have favoured five (there are no terrapods with six digits), was just speculating as to  
why five was favoured. There are terrapods with fewer than  
By m3dodds · #48105 · 10/09/08

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Puzzling over pre-humans (<https://groups.io/g/AAT/message/48104?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1660,64968174)

Given the name, you would expect them to be found south of the equator, but 'southern ape of Afar' meaning apes found in the south of Afar  
... is as good a name as any other. Doubtful they were capabl  
By m3dodds · #48104 · 10/09/08

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Transitionals (<https://groups.io/g/AAT/message/48102?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1660,64968180)

Standing on? Three, five, seven or nine digits spread out would make a stable platform to stand on ... Why five? With three, injury to those  
digits on the outside would possibly incapacitate the anima  
By m3dodds · #48102 · 10/09/08

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Puzzling over pre-humans (<https://groups.io/g/AAT/message/48089?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1660,64968174)

[quote] Lucy and the rest of her species (named Australopithecus afarensis, Latin for "southern ape of Afar") were not human, in everyday  
terms or technical terms. They looked more like apes than huma  
By m3dodds · #48089 · 10/08/08

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40ma ice ages began, Himalayan uplift (<https://groups.io/g/AAT/message/48077?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1660,64967997)

<http://www.hallofmaat.com/read.php?5,494364,494364#msg-494364> Good analogy. Or you could say the atmosphere, the oceans an the  
continents themselves amount to little more than a thin coating on a eggs  
By m3dodds · #48077 · 10/07/08

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penguin lung volume (<https://groups.io/g/AAT/message/48057?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1660,64968073)

Doubtful if our shore ancestors would have required large capacity lungs, if they were simply foraging on the shore and shallow water diving.  
Human lungs can be a little larger, than the average for o  
By m3dodds · #48057 · 10/06/08

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40ma ice ages began, Himalayan uplift (<https://groups.io/g/AAT/message/48056?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1660,64967997)

Not exactly, the crust of the Earth is more like a shattered eggshell who's pieces are constantly being recycled ... You have to remember that  
both the oceans an the continents float/ride on the plate  
By m3dodds · #48056 · 10/06/08

penguin lung volume (<https://groups.io/g/AAT/message/48046?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1660,64968073)

Frank This is a comparison of human lung capacity with that of dolphins, whales and horses. The Physiology of Cetacean Respiration

<http://tinyurl.com/3nahgk> ---m3d

By m3dodds · #48046 · 10/05/08

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40ma ice ages began, Himalayan uplift (<https://groups.io/g/AAT/message/48044?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1680,64967997)

Probably only once ... as it was only about five million years ago that the N and S American plates began to converge, and slowly closing off the central American seaway in the process ... Think the c

By m3dodds · #48044 · 10/05/08

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40ma ice ages began, Himalayan uplift (<https://groups.io/g/AAT/message/48026?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1680,64967997)

Intriguing hypotheses ... [http://maureenraymo.com/uplift\\_overview.php](http://maureenraymo.com/uplift_overview.php) But it would be only one contribution, other mountain chains would have made a similar contribution as would events like the forma

By m3dodds · #48026 · 10/04/08

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5 Ways Brain Scans Mislead Us (<https://groups.io/g/AAT/message/48012?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1680,64967981)

Marc. I agree with what you say, but not with the prat who "wrote" the "article" ... ---m3d by the specific might not as that are helped perhaps the appraise any realized how bias; the cage" —to while

By m3dodds · #48012 · 10/02/08

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5 Ways Brain Scans Mislead Us (<https://groups.io/g/AAT/message/48008?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1680,64967981)

Don't know about being sceptical about the value MRI scanners, but I certainly am sceptical about the "author" of this piece ... ---m3d skulls, they of their computer from modern conceptualized module

By m3dodds · #48008 · 10/02/08

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"Normal" body temperature, cycles (<https://groups.io/g/AAT/message/47993?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1680,64967917)

I see the "author" of the of the anti-AAT 'aquaticape' managed to get his usual pointless rebuttal in ... 'Body Temperature and the AAT/H: Does the human condition indicate an aquatic past?' 1. The bo

By m3dodds · #47993 · 10/01/08

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Ocean at Afar (<https://groups.io/g/AAT/message/47992?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1680,64967933)

Will take a few million years to complete, but the process is underway ... <http://imaginativeworlds.com/forum/showthread.php?t=11461>  
<http://harowo.com/2006/03/15/africas-new-ocean/> Whether humans(will

By m3dodds · #47992 · 10/01/08

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Laryngeal nerves (<https://groups.io/g/AAT/message/47990?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1680,64967902)

Could do, nature is conservative ... ---m3d

By m3dodds · #47990 · 10/01/08

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Laryngeal nerves (<https://groups.io/g/AAT/message/47973?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1680,64967902)

Probably the nerves in question, have been around for some, time in which the shape of the skull and its bits and pieces have changed and changed again ... Nature tends to be conservative, it will work

By m3dodds · #47973 · 9/29/08

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Smithsonian: Diving into a new world (<https://groups.io/g/AAT/message/47972?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1680,64967894)

<http://www.nytimes.com/2008/09/27/arts/design/27oce.html?partner=rssyaho&emc=rss> > Impressive DD, The new - The Sant Ocean Hall - at the Smithsonian, even the humble Salmon gets a mention ... <http://>

By m3dodds · #47972 · 9/29/08

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Neanderthals Ate Seals and Dolphins (<https://groups.io/g/AAT/message/47944?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1680,64967799)

Probably in situ ... Though they could have used a leather/skin pot for slow cooking a (fish)stew. Petralona skull ... the one found in Greece about 50 years ago? Not sure if they back-floated, but ju

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### Neanderthals Ate Seals and Dolphins (<https://groups.io/g/AAT/message/47938?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1680,64967799)

Hss middens? Neanderthal Cioppino ... Zooarchaeological Analysis Of Animal Remains From Vanguard & Gorham's Caves In Gibraltar Anthropology.net <http://tinyurl.com/3tdwbh> ---m3d marine resources than C

By m3dodds · #47938 · 9/25/08

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### Lar. air sac (<https://groups.io/g/AAT/message/47928?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1680,64967762)

Guess they have become acclimatised to life at a higher elevation (don't think the Albertine Rift - cloud forests, are anything like the Tibetan plateau though) ... Wasn't a connection I would have ha

By m3dodds · #47928 · 9/24/08

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### Neanderthals Ate Seals and Dolphins (<https://groups.io/g/AAT/message/47927?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1680,64967799)

Agree. The bulk of the evidence of Man's time on the shore in now underwater, or more likely has been washed away (in repeated inundation of the coastal margins, of the continents). Shell middens prob

By m3dodds · #47927 · 9/24/08

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### Neanderthals Ate Seals and Dolphins (<https://groups.io/g/AAT/message/47922?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1680,64967799)

--- In AAT@..., Marc Verhaegen <m\_verhaegen@...> wrote: John Hawks(blog) ... on this paper. Neandertal diet was not dolphin-safe <http://johnhawks.net/weblog> This bit I found intriguing , a

By m3dodds · #47922 · 9/23/08

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### Singing and dive rests (= backfloat humming intervals?) (<https://groups.io/g/AAT/message/47916?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1680,64967742)

On a related point DD, a new Hungarian study has found that newborn babies (only Hss?) have an ear for music (real music). Possibly, it results from the human brain's ability to see patterns, complex

By m3dodds · #47916 · 9/23/08

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### Lar. air sac (<https://groups.io/g/AAT/message/47915?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1680,64967762)

Gorillas/air sacs. [quote] Diseases of the Respiratory Tract: The mountainous climate of the Virunga Volcanoes is chilly and damp, and the gorillas seem not to be optimally adapted to these conditions

By m3dodds · #47915 · 9/23/08

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### Air Sacs - Questions (<https://groups.io/g/AAT/message/47872?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1680,64967590)

If it is expelled air(mixed gasses) that is used then I would assume that the oxygen content is probably extracted, as it is something the body requires ... For someone of average height an weight (yo

By m3dodds · #47872 · 9/20/08

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### Air Sacs - Questions (<https://groups.io/g/AAT/message/47861?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1680,64967590)

Expelled used air? (6 litres?) Are their lungs significantly larger, than human lungs? Lungs, human ones, usually have a residual volume (after maximal expiration) of around 25% Air is expelled from t

By m3dodds · #47861 · 9/19/08

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### Air Sacs - Questions (<https://groups.io/g/AAT/message/47859?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1680,64967590)

That would be the equivalent, of the total lung capacity of human lungs? How do they manage to 'inflate' their 'air sacs'. A single human breath, is a mere 0.5 litres. There is a distinct difference b

By m3dodds · #47859 · 9/19/08

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### Early Whales Used Well Developed Back Legs (<https://groups.io/g/AAT/message/47858?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1680,64967578)

OK Though I see nothing wrong with odontocetes. ---m3d

By m3dodds · #47858 · 9/19/08

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### Air Sacs - Questions (<https://groups.io/g/AAT/message/47837?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1700,64967590)

DD, Have you made a calculation of the volume of gas/air that would have been in 'air sacs' in the neck, and the difference it would have made to buoyancy? Are 'air sacs' and 'backfloating' two separate things?  
By m3dodds · #47837 · 9/18/08

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### Latest female Neanderthal reconstruction (<https://groups.io/g/AAT/message/47835?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1700,64967573)

<http://news.nationalgeographic.com/news/2008/09/080917-neanderthal-photo.html> It's marginally better than the usual reconstruction of a Neanderthal - a middle European face. (a bit grumpy looking though)

By m3dodds · #47835 · 9/18/08

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### Early Whales Used Well Developed Back Legs (<https://groups.io/g/AAT/message/47834?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1700,64967578)

It's All In The Hips: Early Whales Used Well Developed Back Legs For Swimming, Fossils Show [quote] "wiggling hips were a significant step in the evolution of underwater swimming in whales." ScienceDaily

By m3dodds · #47834 · 9/18/08

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### OT? Ocean Views (<https://groups.io/g/AAT/message/47813?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1700,64967297)

Neat pics. It is difficult as you say, to tell which is which - apart from the mother and pup. Do the males have longer whiskers? A new pic from the Smithsonian ... Underwater Tiger... (looks like it is)

By m3dodds · #47813 · 9/17/08

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### Neanderthals ... ate Fish? (<https://groups.io/g/AAT/message/47796?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1700,64967423)

Possibly the differences between Hn and Hs comes down, to the majority of Hn getting their protein from red meat and Hs getting theirs from a wider range of foods such as small game, fowl and fish. Bot

By m3dodds · #47796 · 9/16/08

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### Neanderthals ... ate Fish? (<https://groups.io/g/AAT/message/47795?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1700,64967423)

There is large salmon-like fish found in Mongolia that is claimed to be the salmon ancestor. Possibly salmon spawned in Portuguese/Spanish rivers, when the ice covered northern Europe. (during the ice)

By m3dodds · #47795 · 9/16/08

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### Mechanisms in bipedalism (<https://groups.io/g/AAT/message/47781?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1700,64967439)

as the hindlimbs provide buoyancy. Locomotion. Yes, the ground has shifted somewhat. Agree. Good point - even quadrupeds, can use their forelimbs, for things, other than pure locomotion. Seeing a gibbon w

By m3dodds · #47781 · 9/15/08

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### Neanderthals ... ate Fish? (<https://groups.io/g/AAT/message/47780?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1700,64967423)

Wouldn't Taiwan and central California, count as being northern Pacific? Portugal would be (or was) the southernmost point of the north Atlantic species range, so possibly Hn or their ancestors, caught

By m3dodds · #47780 · 9/15/08

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### Neanderthals ... ate Fish? (<https://groups.io/g/AAT/message/47779?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1700,64967423)

Difficult to say, as studies (isotopic) of H.n. are said to indicate they were top level carnivores, only occasionally eating fish. One study (Hn - Jonzac) early this year indicated they ate bovids and

By m3dodds · #47779 · 9/15/08

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### Mechanisms in bipedalism (<https://groups.io/g/AAT/message/47771?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1700,64967439)

Neat diagrams ... But the rest - the text - is oddly dated, like reading a musty old book from the 1930's, on bipedalism on the savanna. Maybe the authors, should read a copy of Fillard's Upright Ape -

By m3dodds · #47771 · 9/14/08

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### Neanderthals ... ate Fish? (<https://groups.io/g/AAT/message/47770?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1700,64967423)

Think, DD, that they would have had to have lived in Europe, north west Europe, to catch salmon in the spawning season. Possibly they went guddling (catching fish, by hand) for other kinds of freshwater

By m3dodds · #47770 · 9/14/08

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Neanderthals ... ate Fish? (<https://groups.io/g/AAT/message/47757?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1700,64967423)

In his current blog, Afarensis, appears to be linking two recent studies - maturity in Neanderthals - and the benefits of eating fish ... [key quote] "I mention this because of the recent news about g

By m3dodds · #47757 · 9/13/08

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Want a Brainsy Baby, Try Eating Fish ... (<https://groups.io/g/AAT/message/47744?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1700,64967394)

[quote] The children whose mothers ate the most fish during pregnancy were more likely to have better motor and cognitive skills. For example, among mothers who ate the least fish, 5.7% of their child

By m3dodds · #47744 · 9/11/08

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feto-pelvic disproportions (Re: Re: Grow Slow - Live Long (<https://groups.io/g/AAT/message/47740?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1700,64967352)

also AFAIK A cute baby = a chubby baby = a healthy baby A cute baby, is a healthy baby? As far as elephants go, think they are usually welcomed into the world with a kick from their mother, to encoura

By m3dodds · #47740 · 9/11/08

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feto-pelvic disproportions (Re: Re: Grow Slow - Live Long (<https://groups.io/g/AAT/message/47735?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1700,64967352)

Guess cuteness is in the eye of the beholder, DD. (Who'd want to be, a Spotted hyena mama !!!) Taking their first breath, must be little trickery for aquatic mammals ... surprised they don't all have

By m3dodds · #47735 · 9/10/08

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Grow Slow - Live Long (<https://groups.io/g/AAT/message/47734?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1700,64967326)

If Neanderthals, lived a more physical life wouldn't selection favour the more robust ... meaning more robust sprogs? (newborns) Would suspect their mothers would have had more muscle than fat, but th

By m3dodds · #47734 · 9/10/08

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feto-pelvic disproportions (Re: Re: Grow Slow - Live Long (<https://groups.io/g/AAT/message/47727?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1700,64967352)

Maybe not, Hss (like the Neanderthals) seem to have reached the physical limits in terms of the average brain/skull size ... at birth. Agree, Humans are not unique, many other species have complicatio

By m3dodds · #47727 · 9/10/08

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Grow Slow - Live Long (<https://groups.io/g/AAT/message/47726?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1700,64967326)

Think the outcome of this study, shows a size similarity in both Neanderthal and in modern newborns( differences in head shape accommodated by slight differences in the two pelvises). So I would say b

By m3dodds · #47726 · 9/10/08

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Grow Slow - Live Long (<https://groups.io/g/AAT/message/47723?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1700,64967326)

Interesting article DD, but, don't see the connection between bird singing duels, and the length of puberty in (brain growth) Neanderthals (Nat.geo article). However, the SciDaily take on the Neandert

By m3dodds · #47723 · 9/10/08

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OT? Ocean Views (<https://groups.io/g/AAT/message/47714?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1700,64967297)

<http://www.smithsonianmag.com/multimedia/photos/27772719.html?c=y&page=16> Probably not ... (though I would guess, it is two adults) My original post DD, was more a comment, on the 'expression' on 'his

By m3dodds · #47714 · 9/09/08

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Grow Slow - Live Long (<https://groups.io/g/AAT/message/47712?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1720,64967326)

[quote] Live fast, die young—this is how our closest relatives the Neanderthals were traditionally thought to progress through life. But a new study of Neanderthal skeletons suggests the species grew

By m3dodds · #47712 · 9/09/08

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OT? Ocean Views (<https://groups.io/g/AAT/message/47700?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1720,64967297)

<http://www.smithsonianmag.com/multimedia/photos/27772719.html?c=y&page=16> Hmm ... somehow I don't think she's a pup.  
By m3dodds · #47700 · 9/08/08

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OT? Ocean Views (<https://groups.io/g/AAT/message/47697?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1720,64967297)

What's he thinking? <http://www.smithsonianmag.com/multimedia/photos/27772719.html?c=y&page=16> or <http://tinyurl.com/6bu5jq> ---m3d  
By m3dodds · #47697 · 9/08/08

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Tectonic animation 150ma - Present in 5my segments (<https://groups.io/g/AAT/message/47694?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1720,64967217)

There is no indication of the prevailing sea level, but if sea levels were as low when Hs first made their way eastwards, its possible some of those features shown on the map were still present. Would  
By m3dodds · #47694 · 9/08/08

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Hair's breadth - Why do we have it in some places, but not others? (<https://groups.io/g/AAT/message/47693?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1720,64966617)

No, not a difficulty with SCCs. It was a reference to what is sometimes called our seventh sense - proprioception. Balance being the sixth. (if you can touch, the end of your nose with a finger with y  
By m3dodds · #47693 · 9/08/08

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Tectonic animation 150ma - Present in 5my segments (<https://groups.io/g/AAT/message/47677?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1720,64967217)

Seems the link is OK. Appears they don't retain a copy of what you create. If you want to re-create it DD The settings I used, were to change 65 to 5.0 in the date box ... un-tick DSDP an ODP boxes ..  
By m3dodds · #47677 · 9/07/08

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Hair's breadth - Why do we have it in some places, but not others? (<https://groups.io/g/AAT/message/47675?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1720,64966617)

Balance(SCCs) is only one of our ten or eleven senses, possibly one of the other senses is involved in bipedalism. Possibly the sense the brain uses to find out where all the limbs an all the other bi  
By m3dodds · #47675 · 9/07/08

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Tectonic animation 150ma - Present in 5my segments (<https://groups.io/g/AAT/message/47673?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1720,64967217)

Thanks,DD. Used it to create a map for 5 mya. (nearest date to the chimp/homo split). Sea levels were much lower, all the continents were larger(apart from Africa - no cont.shelf to speak off) ... New  
By m3dodds · #47673 · 9/07/08

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Hair's breadth - Why do we have it in some places, but not others? (<https://groups.io/g/AAT/message/47659?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1720,64966617)

Sleeping - is less of a strain. Homo must have spent millions on nights, sleeping curled up on the ground. Not so sure ... If I remember right, wasn't - the habilis, found to have been contemporaneous  
By m3dodds · #47659 · 9/06/08

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Hair's breadth - Why do we have it in some places, but not others? (<https://groups.io/g/AAT/message/47656?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1720,64966617)

Not everything. But, we are full time bipeds an that will probably account for a few differences we see(after all its been millions of years, since we last parted company with the ancestor of the chim  
By m3dodds · #47656 · 9/06/08

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Digastric: What the hell is this? (<https://groups.io/g/AAT/message/47652?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1720,64967193)

Not messy, DD. Just evolution at work. If it works, it works. Unlike Windows. ---m3d  
By m3dodds · #47652 · 9/06/08

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Hair's breadth - Why do we have it in some places, but not others? (<https://groups.io/g/AAT/message/47651?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1720,64966617)

Agree. It could be lot easier(less spinal compression) on the spine, than attempting to walk fully upright ... Yes, it's less painful if you have backache ... though 'experts' say we should keep it st  
By m3dodds · #47651 · 9/06/08

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Hair's breadth - Why do we have it in some places, but not others? (<https://groups.io/g/AAT/message/47641?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1720,64966617)

Apparently so ... SCCs size and shape have appear to have relationship with agility and speed, not just the size of the animal. [see below]  
They are birds, we have a upright posture, birds have a more  
By m3dodds · #47641 · 9/05/08

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Hair's breadth - Why do we have it in some places, but not others? ([https://groups.io/g/AAT/message/47628? p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,1720,64966617](https://groups.io/g/AAT/message/47628?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,1720,64966617))

Yes. Combined tightly with their visual sense, it gives for example big cats remarkable agility ... In Homo SCCs are targeted on maintaining our upright balance, so I would expect they were enlarged i  
By m3dodds · #47628 · 9/04/08

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Hair's breadth - Why do we have it in some places, but not others? ([https://groups.io/g/AAT/message/47612? p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,1720,64966617](https://groups.io/g/AAT/message/47612?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,1720,64966617))

Not unexpected, that the the vestibular system should be similar in the 'erectus'. Fossils have been invaluable in determining the locomotion an head movement(vestibular system) in our early ancestors  
By m3dodds · #47612 · 9/03/08

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Evolution's Ear ([https://groups.io/g/AAT/message/47611? p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,1720,64967109](https://groups.io/g/AAT/message/47611?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,1720,64967109))

[quote] But the inner ear is more than just the mediator of hearing. As a core player in the human system for receiving and creating spoken language, it's a hotbed of recent evolutionary change as wel  
By m3dodds · #47611 · 9/03/08

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Central Asia - Caspian- middle east, Europe ([https://groups.io/g/AAT/message/47587? p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,1720,64967039](https://groups.io/g/AAT/message/47587?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,1720,64967039))

<http://anthropology.net/2008/08/20/an-attempt-at-a-morphological-reassessment-of-the-teshik-tash-neandertal-child/> Could be, DD. &#1578;&#1575;&#1604;&#1588; Kuha: e Ta:lesh) is a mountain chain in Ap  
By m3dodds · #47587 · 9/02/08

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Hair's breadth - Why do we have it in some places, but not others? ([https://groups.io/g/AAT/message/47585? p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,1720,64966617](https://groups.io/g/AAT/message/47585?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,1720,64966617))

Agree it's not, Marc. But, it still intriguing to make comparisons between those that have been found, and modern Man. To date we seem to have more in common with Hhe than He (based on similarities -  
By m3dodds · #47585 · 9/02/08

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English: 1,000,000 words ([https://groups.io/g/AAT/message/47583? p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,1720,64967045](https://groups.io/g/AAT/message/47583?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,1720,64967045))

You have also to remember, that there are 'languages' within a language. For example - medical/scientific/ technical English ... Probably a lot more, but language usage also evolves. Probably in a 100  
By m3dodds · #47583 · 9/02/08

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Hair's breadth - Why do we have it in some places, but not others? ([https://groups.io/g/AAT/message/47561? p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,1720,64966617](https://groups.io/g/AAT/message/47561?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,1720,64966617))

It is the most likely LCA for Hn an Hs ... Hhe - large brain case/1100-1400.cc, hyoid morphology, similarities in hearing ... (alternative?) ---m3d \_\_\_\_\_ fossils, we  
By m3dodds · #47561 · 9/01/08

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Was the swamp ape a human ancestor? ([https://groups.io/g/AAT/message/47557? p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,1740,64966845](https://groups.io/g/AAT/message/47557?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,1740,64966845))

--- In AAT@..., "Marcel" <newpapyrus@...> wrote: Thanks, Marcel. > > The cranio-dental and postcranial evidence clearly show that > Oreopithecus was most similar to Sahelanthropus, Austr  
By m3dodds · #47557 · 9/01/08

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Hair's breadth - Why do we have it in some places, but not others? ([https://groups.io/g/AAT/message/47556? p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,1740,64966617](https://groups.io/g/AAT/message/47556?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,1740,64966617))

--- In AAT@..., Marc Verhaegen <m\_verhaegen@...> wrote: [MV] > >>>> H.antec.-heidelb.-neand.= chronospecies: not unlikely > >>>> I'd think, but in fact +-impossible to know without DNA. >  
By m3dodds · #47556 · 9/01/08

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Hair's breadth - Why do we have it in some places, but not others? ([https://groups.io/g/AAT/message/47546? p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,1740,64966617](https://groups.io/g/AAT/message/47546?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,1740,64966617))

Homo atapuerca (GD)? Homo ataporcensis (GD)? No ... Sorry ... by general I meant a species name not linked to a place or individual (ego) ... as in 1)H.erectus - upright man 2)H.ergaster - working man  
By m3dodds · #47546 · 8/31/08

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ear wax benefits (<https://groups.io/g/AAT/message/47535?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1740,64966918)

[http://news.yahoo.com/s/livescience/20080829/sc\\_livescience/nowhearthisdontrem](http://news.yahoo.com/s/livescience/20080829/sc_livescience/nowhearthisdontrem) [quote] So there's a reason for the goo. Earwax is a self-cleaning agent, with protective, lubricating and antibacterial

By m3dodds · #47535 · 8/31/08

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Hair's breadth - Why do we have it in some places, but not others? (<https://groups.io/g/AAT/message/47530?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1740,64966617)

Homo Atapuerca? But the real problem with naming these bits and pieces after the location where they are found, is you could end up with several names for the same species ... Whereas ergaster,erectus

By m3dodds · #47530 · 8/31/08

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Hair's breadth - Why do we have it in some places, but not others? (<https://groups.io/g/AAT/message/47528?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1740,64966617)

The date usually given for the H.n - H.s split is usually sometime between 600,000 and 400,000 years ago ... In the case of bonobos an common chimps ... the accepted date appears to be less than a mil

By m3dodds · #47528 · 8/31/08

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Hair's breadth - Why do we have it in some places, but not others? (<https://groups.io/g/AAT/message/47525?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1740,64966617)

about as IMO they are all H.antecessor ... forerunner of H.n an H.s ... ( but we are stuck with two completely different names ). H.ergaster + H.antecessor + H.heid a chronospecies? ---m3d

By m3dodds · #47525 · 8/31/08

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Was the swamp ape a human ancestor? (<https://groups.io/g/AAT/message/47524?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1740,64966845)

--- In AAT@..., "Marcel" <newpapyrus@...> wrote: Excellent paper, Marcel. To answer your question, was this particular swamp ape a Human ancestor ... No. No more than Sahelanthropus was ou

By m3dodds · #47524 · 8/31/08

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Hair's breadth - Why do we have it in some places, but not others? (<https://groups.io/g/AAT/message/47507?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1740,64966617)

600,000 years ago? As it can be in the tropics ... Yes. PAs can be problematic, they like to give a different name to everything they dig up ...

Could have been Homo Mauer ... Homo Bodo but they chose

By m3dodds · #47507 · 8/30/08

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Species genetic diversity (<https://groups.io/g/AAT/message/47506?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1740,64966747)

Don't think iris colours can protect the cornea of the eye (the bit that can get 'sunburnt' among other things ) from UV. Not sure about the rest of the eye, either. What about savanna/tropical specie

By m3dodds · #47506 · 8/30/08

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Hair's breadth - Why do we have it in some places, but not others? (<https://groups.io/g/AAT/message/47478?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1740,64966617)

Yes ... but we also shared a common ancestor with H.n a lot more recently, than the one we shared with the chimps millions of years ago.

Chimps - 4 to 5 Ma. H.n - 450,000 to 550,000 years ago. Agree.

By m3dodds · #47478 · 8/29/08

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Species genetic diversity (<https://groups.io/g/AAT/message/47474?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1740,64966747)

Reflective surfaces such as snow (snow blindness), some beaches and the glare from water surfaces can increase the risk of UV damage to the eyes. Even if you are dark skinned/eyed the eyes can still b

By m3dodds · #47474 · 8/29/08

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Hair's breadth - Why do we have it in some places, but not others? (<https://groups.io/g/AAT/message/47450?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1740,64966617)

Would agree there are older and better hypotheses than that Hardy publicised in 1960 (for example Sauer's in the same year as Hardy, was was one of the better ones). But in Hardy's case it was not so

By m3dodds · #47450 · 8/28/08

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Hair's breadth - Why do we have it in some places, but not others? (<https://groups.io/g/AAT/message/47436?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1740,64966617)

Yes ... as we shared those same ten genes with gorillas and chimps, clearly phi-hHaA was also a hair gene in Man. It is now a pseudogene in Man. Its mutation into a pseudogene seems to have altered th  
By m3dodds · #47436 · 8/27/08

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Hair's breadth - Why do we have it in some places, but not others? ([https://groups.io/g/AAT/message/47417?](https://groups.io/g/AAT/message/47417)  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1740,64966617)

Excellent links, excellent refs. DD. Most useful, most informative was this one ... [http://www.angis.org.au/bin/Databases/BIRX/birx\\_doc?](http://www.angis.org.au/bin/Databases/BIRX/birx_doc?ptomim+601077)  
ptomim+601077 Though it does appear to infer that we were as ha  
By m3dodds · #47417 · 8/27/08

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Hair's breadth - Why do we have it in some places, but not others? ([https://groups.io/g/AAT/message/47416?](https://groups.io/g/AAT/message/47416)  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1740,64966617)

Marc There may be an element of anglocentrism, but IMO it has a lot more to do with the reaction of the scientific community in 1960 to Hardy's statement. It was not what he said that stirred up the c  
By m3dodds · #47416 · 8/27/08

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Hair's breadth - Why do we have it in some places, but not others? ([https://groups.io/g/AAT/message/47395?](https://groups.io/g/AAT/message/47395)  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1740,64966617)

Hi Marc, Probably he was thinking of A.Hardy (1960). Still it was a more favourable summary of the AAH ... than what's usually published in mainstream publications. How recent do you think, it was ...  
By m3dodds · #47395 · 8/26/08

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Hair's breadth - Why do we have it in some places, but not others? ([https://groups.io/g/AAT/message/47379?](https://groups.io/g/AAT/message/47379)  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1740,64966617)

The quote below, is from a long but excellent newspaper article on why we are relatively hairless species ... Of the three possible hypotheses mentioned in the article, the Aquatic Ape hypotheses gets  
By m3dodds · #47379 · 8/25/08

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FW: Anyone want to discuss paleoanthropology? ([https://groups.io/g/AAT/message/47362?](https://groups.io/g/AAT/message/47362)  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1740,64966523)

No wonder his reasoning, is faulty. As ancestors go, I would say H.ergaster, rather than the thick skulled H.erectus. Otherwise I see no difficulty, with that summary. H.ergaster = 'Turkana boy'/KNM-W  
By m3dodds · #47362 · 8/24/08

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FW: Anyone want to discuss paleoanthropology? ([https://groups.io/g/AAT/message/47351?](https://groups.io/g/AAT/message/47351)  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1740,64966523)

-- In AAT@..., Marc Verhaegen <m\_verhaegen@...> wrote: Hi Marc, >> Hi m3d, I thought I had answered this, but I don't > see my post. This is what I answered at s.a.p: >>>> The sava  
By m3dodds · #47351 · 8/23/08

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FW: Anyone want to discuss paleoanthropology? ([https://groups.io/g/AAT/message/47346?](https://groups.io/g/AAT/message/47346)  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1760,64966523)

??? Why is it fantasy? That was my impression, on reading his paper. Also disagreed, with his conclusion that being relatively hairless preceded the increase in brain size (if that were the case most  
By m3dodds · #47346 · 8/22/08

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[SPAM] Moderator & AAH book ([https://groups.io/g/AAT/message/47341?](https://groups.io/g/AAT/message/47341)  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1760,64966519)

DD, all ... If you download a lot of PDFs, like myself, my advice is to use a smaller PDF reader like Foxit (a free basic PDF reader) ... it's a lot faster way to download PDFs, and an a lot less hass  
By m3dodds · #47341 · 8/22/08

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Subtropical Caspian Hss origin? ([https://groups.io/g/AAT/message/47319?](https://groups.io/g/AAT/message/47319)  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1760,64966442)

Think the pear is related to the apple, but not sure. The cherry on the other hand is said to be another fruit that has its origins in western China, which means the same for plums an apricots. Said t  
By m3dodds · #47319 · 8/20/08

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Re. Mac's post: DD: Question for Elaine Morgan ([https://groups.io/g/AAT/message/47316?](https://groups.io/g/AAT/message/47316)  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1760,64966482)

What's it [http://groups.google.com/group/sci.anthropology.paleo/browse\\_thread/thread/f68b22b0edc425aa/779124b5e3b1f9b9?](http://groups.google.com/group/sci.anthropology.paleo/browse_thread/thread/f68b22b0edc425aa/779124b5e3b1f9b9?Ink=raot#779124b5e3b1f9b9)  
Ink=raot#779124b5e3b1f9b9 DD, Anti-AAT contributors to SAP, appear to know absolu  
By m3dodds · #47316 · 8/20/08

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### Subtropical Caspian Hss origin? (<https://groups.io/g/AAT/message/47315?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1760,64966442)

It's a good possibility ... taking into account Dmanisi. The apple is said to be first cultivated between the Black and Caspian seas. Hss could have sat on a Black/Caspian sea beach breakfasting on mo

By m3dodds · #47315 · 8/20/08

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### Subtropical Caspian Hss origin? (<https://groups.io/g/AAT/message/47298?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1760,64966442)

Very plausible ... DD Taking into account the Dmanisi and Atapuerca finds ... It could easily be that it was H.s an subsequently H.s.Idaltu in the Afar, with H.s.s emerging in the Caucasus at a later

By m3dodds · #47298 · 8/19/08

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### What role did fruit play? (<https://groups.io/g/AAT/message/47294?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1760,64966435)

--- In AAT@..., Stephen Munro <smunro58@...> wrote: Our ancestors could have got their first taste of apple, at Dmanisi (in the Caucasus). As the apple, has its origins in the area stretch

By m3dodds · #47294 · 8/19/08

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### Your Inner Fish (<https://groups.io/g/AAT/message/47280?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1760,64966415)

[http://scienceblogs.com/afarensis/2008/08/17/this\\_bloke\\_is\\_chuffed\\_a\\_book\\_r/](http://scienceblogs.com/afarensis/2008/08/17/this_bloke_is_chuffed_a_book_r/) DD, It is sometimes forgotten that we have evolved over hundreds of millions, if not billions of years, not the million or

By m3dodds · #47280 · 8/18/08

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### Your Inner Fish (<https://groups.io/g/AAT/message/47273?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1760,64966415)

In Your Inner Fish Shubin sets out to show how many features of the human body can be traced back to fish, worms, and flies, among other organisms. The book is targeted for a popular audience and as s

By m3dodds · #47273 · 8/17/08

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### Walking on Water (<https://groups.io/g/AAT/message/47257?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1760,64966345)

Would it not depend on the amount of oxygen (dissolved) in the water, think fish thrive better in water with a higher oxygen (5-6 ppm) (dissolved)content. Would you say water from a mountain stream tas

By m3dodds · #47257 · 8/16/08

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### Walking on Water (<https://groups.io/g/AAT/message/47256?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1760,64966345)

<http://www.smithsonianmag.com/multimedia/editors-picks/26376834.html?imw=Y> Could not agree more, great video, great music, great music choreography. Those guys clearly enjoyed their adventure. Possibl

By m3dodds · #47256 · 8/16/08

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### Walking on Water (<https://groups.io/g/AAT/message/47247?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1760,64966345)

<http://www.smithsonianmag.com/multimedia/editors-picks/26376834.html?imw=Y> Looks like the same place ... Salar de Uyuni - Bolivia Site of the world's largest salt flats. more videos: (like their choic

By m3dodds · #47247 · 8/15/08

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### Walking on Water (<https://groups.io/g/AAT/message/47244?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1760,64966345)

Just a beautiful picture, in a ugly week, when the mighty attacked the weak. <http://www.smithsonianmag.com/multimedia/editors-picks/26376834.html?imw=Y> ---m3d

By m3dodds · #47244 · 8/15/08

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### Europe geo-gene map, lactose (<https://groups.io/g/AAT/message/47237?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1760,64966309)

By m3dodds · #47237 · 8/14/08

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### better food better brain? (<https://groups.io/g/AAT/message/47236?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1760,64966317)

[quote] While other theories for the brain's cognitive spurt have not been ruled out (one involves the introduction of fish to the human diet), the

finding sheds light on what made us, as Khaitovich p

By m3dodds · #47236 · 8/14/08

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Neanderthal image, genetics (<https://groups.io/g/AAT/message/47235?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1760,64966287)

<http://www.guardian.co.uk/commentisfree/2008/aug/12/evolution.genetics?gusrc=rss&feed=science> They were probably closer to the second reconstruction than the first ... the first seems more concerned w

By m3dodds · #47235 · 8/14/08

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Neanderthal image, genetics (<https://groups.io/g/AAT/message/47215?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1760,64966287)

<http://www.guardian.co.uk/commentisfree/2008/aug/12/evolution.genetics?gusrc=rss&feed=science> > It is an unlikely reconstruction of what a Neanderthal may have looked like ... it is more likely a depi

By m3dodds · #47215 · 8/13/08

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Neanderthal genome - John Hawks COX2 (<https://groups.io/g/AAT/message/47207?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1760,64966272)

Thanks,DD. Wasn't aware John Hawks, had covered the recent Neanderthal mtDNA findings in his blog. COX2 may have a role in protecting the human heart from stress. see: Discovery of a new function of c

By m3dodds · #47207 · 8/12/08

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File Posted (<https://groups.io/g/AAT/message/47201?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1760,64966235)

Thanks, Diane It is a good article, and clearly points out the disadvantages of the savannah in terms of thermoregulation. The comparisons of chimp and human heat loss at the same temperature was inter

By m3dodds · #47201 · 8/10/08

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Neanderthal genome (<https://groups.io/g/AAT/message/47200?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1760,64966255)

ScienceDaily (Aug. 8, 2008) — The complete mitochondrial genome of a 38,000-year-old Neanderthal has been sequenced. The findings open a window into the Neanderthals' past and helps answer lingering q

By m3dodds · #47200 · 8/10/08

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OT: an odd email (<https://groups.io/g/AAT/message/47177?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1780,64966198)

Should find what your looking for here ... <http://en.wikipedia.org/wiki/Onomatopoeia> has a good list of onomatopoeic words in other languages. ---m3d

By m3dodds · #47177 · 8/07/08

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Apes in shallow freshwater (<https://groups.io/g/AAT/message/47164?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1780,64966107)

[quote] Chest-beating: This behavior is done by all gorillas and the either one or two open-fist hands are clapped against the chest (Estes, 1991). Adult males produce a sound when doing this because

By m3dodds · #47164 · 8/06/08

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Apes in shallow freshwater (<https://groups.io/g/AAT/message/47160?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1780,64966107)

Because chest beating, is status symbol? ---m3d [http://scienceblogs.com/zooillogix/2008/08/are\\_you\\_hiding\\_125000\\_western.php](http://scienceblogs.com/zooillogix/2008/08/are_you_hiding_125000_western.php) --Marc <http://www.google.com/search?q=african+floating+water+plants&ie=utf->

By m3dodds · #47160 · 8/06/08

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Air sac vs speech (<https://groups.io/g/AAT/message/47152?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1780,64966068)

[http://minneapolis.newsvine.com/\\_news/2008/05/14/1487095-the-hyoid-bone-and-the-capacity-for-speech-in-hominids-and-apes](http://minneapolis.newsvine.com/_news/2008/05/14/1487095-the-hyoid-bone-and-the-capacity-for-speech-in-hominids-and-apes) Would think sleeping in water at any time, would be hazardous for a non-aquati

By m3dodds · #47152 · 8/06/08

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The Naked Shore Ape ... (<https://groups.io/g/AAT/message/47125?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1780,64966085)

ABSTRACT What is unusual about the human brain is that we are the only largish mammal whose brain size kept pace with our growth in body size. The plausible reason of this phenomenon is his skin, when

By m3dodds · #47125 · 8/05/08

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Air sac vs speech (<https://groups.io/g/AAT/message/47124?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1780,64966068)

[http://minneapolis.newsvine.com/\\_news/2008/05/14/1487095-the-hyoid-bone-and-the-capacity-for-speech-in-hominids-and-apes](http://minneapolis.newsvine.com/_news/2008/05/14/1487095-the-hyoid-bone-and-the-capacity-for-speech-in-hominids-and-apes) > Air sacs were an impediment to the evolution of human speech? Thanks,DD. Nea

By m3dodds · #47124 · 8/05/08

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OT?: Floating Cities (<https://groups.io/g/AAT/message/47096?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1780,64966028)

Climatologists around the world agree that sea levels will continue to rise throughout the 21st century. Countries with low-lying coastal areas like Vietnam and Bangladesh could see more floods and th

By m3dodds · #47096 · 8/03/08

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reference to Aquatic Hypothesis in Baley et al. 2007 (<https://groups.io/g/AAT/message/47084?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1780,64966006)

It is possible, Hardy - March 1960, Sauer - Feb 1962 that both could have been thinking along similar lines, an possibly influenced each other? Carl Sauer: Retrospect on Carl Ortwin Sauer July 2003 R

By m3dodds · #47084 · 8/02/08

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Interesting articles and Anthropology.net (<https://groups.io/g/AAT/message/47083?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1780,64966004)

Good summary of recent articles, from hearing in Hidelbergenis, the ages of Omo I & II, the Neu5Gc mutation ... to language diversity in the Caucasus. Thanks,DD. ---m3d

By m3dodds · #47083 · 8/02/08

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Habilis and erectus: was Re: Louise Leakey talks about humanity's origins

(<https://groups.io/g/AAT/message/47073?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1780,64965937>)

wrote: (translating?) Think the conventional biologist view, would be that there are 'two' new species after speciation on the premise the 'ancestor' species is still subject to evolution ... but I ma

By m3dodds · #47073 · 8/01/08

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Habilis and erectus: was Re: Louise Leakey talks about humanity's origins

(<https://groups.io/g/AAT/message/47071?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1780,64965937>)

Probably for most species, you are right ... but what about time. Time in isolation. The time it may take a particular species to speciate? ---m3d

By m3dodds · #47071 · 8/01/08

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Liujiang skull photos (<https://groups.io/g/AAT/message/47057?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1780,64965941)

Thanks DD. If it turns out to be older than Omo.I (195,000 years ago) things should get interesting ... ---m3d

By m3dodds · #47057 · 7/31/08

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Habilis and erectus: was Re: Louise Leakey talks about humanity's origins

(<https://groups.io/g/AAT/message/47056?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1780,64965937>)

wrote: Fair point ... But in your example, wouldn't the original habilis be said to be 'extinct', and in its place you would have two new species ... habilis( mark II ) and H.erectus ... Wouldn't a 'n

By m3dodds · #47056 · 7/31/08

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Louise Leakey talks about humanity's origins (<https://groups.io/g/AAT/message/47047?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1780,64965849)

[http://www.ted.com/index.php/talks/louise\\_leakey\\_digs\\_for\\_humanity\\_s\\_origins](http://www.ted.com/index.php/talks/louise_leakey_digs_for_humanity_s_origins) Hominids I've done Agree. We would know less without fossils. The 'habilis' always seemed an improbable predecessor for H.e

By m3dodds · #47047 · 7/30/08

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hominid fossils in limestone (<https://groups.io/g/AAT/message/47046?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1780,64965685)

resemble Hn (back-floating?) hard-shelled Not so certain, solid structures are not always the strongest. This article on elephants (Asian) has an excellent image the interior structure of the skull (e

By m3dodds · #47046 · 7/30/08

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Louise Leakey talks about humanity's origins (<https://groups.io/g/AAT/message/47030?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1780,64965849)

[http://www.ted.com/index.php/talks/louise\\_leakey\\_digs\\_for\\_humanity\\_s\\_origins](http://www.ted.com/index.php/talks/louise_leakey_digs_for_humanity_s_origins) Would say they dig up both, dead ends and ancestors. All

fossils are useful ... in gaining an overview of hominid evolution

By m3dodds · #47030 · 7/29/08

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Louise Leakey talks about humanity's origins (<https://groups.io/g/AAT/message/47029?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1780,64965849)

[http://www.ted.com/index.php/talks/louise\\_leakey\\_digs\\_for\\_humanity\\_s\\_origins](http://www.ted.com/index.php/talks/louise_leakey_digs_for_humanity_s_origins) Possibly ... If you view fossils as signposts, you can get an idea of which turnings on the road our ancestors likely took,

By m3dodds · #47029 · 7/29/08

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hominid fossils in limestone (<https://groups.io/g/AAT/message/47028?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1780,64965685)

waterside? eg, IIRC)?? I Agree, para-nasal would be a more accurate term. Possibly they do both, they lighten the modern skulls of both species while in the past they also served a different purpose .

By m3dodds · #47028 · 7/29/08

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hominid fossils in limestone (<https://groups.io/g/AAT/message/47020?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1780,64965685)

Having sinus spaces, could simply have reduced the overall weight of the skull, reducing its weight while retaining its strength (elephants have extensive sinuses, which are said to reduce the weight

By m3dodds · #47020 · 7/28/08

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Louise Leakey talks about humanity's origins (<https://groups.io/g/AAT/message/47019?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1780,64965849)

[http://www.ted.com/index.php/talks/louise\\_leakey\\_digs\\_for\\_humanity\\_s\\_origins](http://www.ted.com/index.php/talks/louise_leakey_digs_for_humanity_s_origins) If that is what she meant, then it is highly unlikely ... New findings about year ago found that habilis and H.erectus over

By m3dodds · #47019 · 7/28/08

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Louise Leakey talks about humanity's origins (<https://groups.io/g/AAT/message/47010?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1800,64965849)

[http://www.ted.com/index.php/talks/louise\\_leakey\\_digs\\_for\\_humanity\\_s\\_origins](http://www.ted.com/index.php/talks/louise_leakey_digs_for_humanity_s_origins) Not surprising ... Possibly, she was thinking of H.e, H.n an H.s being contemporaneous? One definite ancestor (H.s), one wh

By m3dodds · #47010 · 7/27/08

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hominid fossils in limestone (<https://groups.io/g/AAT/message/47005?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1800,64965685)

between those water?), pulpa as in, teeth). were for followed the reason in don't shallow lifestyles, Large sinuses, to reduce body density? Neutral or near neutral body density in water to reduce the

By m3dodds · #47005 · 7/27/08

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BAT (tRe: Re: Fish oil may slow acute wound healing (<https://groups.io/g/AAT/message/47003?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1800,64965805)

: BAT when it --MV) lost Okapi Most of what is alive, is evolving. Earliest Artiodactyle, is said to have been the Diacodexis (early Eocene) ... ( Hippos, early Miocene ) A possible ancestor, for the

By m3dodds · #47003 · 7/27/08

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BAT (tRe: Re: Fish oil may slow acute wound healing (<https://groups.io/g/AAT/message/46998?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1800,64965805)

found in pigs is time newborn inability of Possibly it was both, with the more carnivorous whale ancestor splitting from its more generalist shore based omnivore kin, and becoming more aquatic as it p

By m3dodds · #46998 · 7/26/08

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BAT (tRe: Re: Fish oil may slow acute wound healing (<https://groups.io/g/AAT/message/46995?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1800,64965805)

conversion their was not lived in study has outdoor Tp of Not everyone yet accepts ... 'cetariodactyles' ( merging, cetaceans an Artiodactyla hence the name 'cet + ariodactyles' ) Thanks. (it worked o

By m3dodds · #46995 · 7/26/08

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BAT (tRe: Re: Fish oil may slow acute wound healing (<https://groups.io/g/AAT/message/46990?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1800,64965805)

Wouldn't saying all artiodactyls and perissodactyls (rhinos, zebras and horses?) had semi-aquatic ancestors, be the equivalent of saying all ungulates had semi-aquatic ancestors? As the difference bet

By m3dodds · #46990 · 7/26/08

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BAT (tRe: Re: Fish oil may slow acute wound healing (<https://groups.io/g/AAT/message/46988?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1800,64965805)

boar. other spp to give piglets during our Whales an their kin returned to the oceans, close to 50 million years ago, hippos are related to the cetaceans ... but I don't think either is related to pig

By m3dodds · #46988 · 7/26/08

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Fish oil may slow acute wound healing (<https://groups.io/g/AAT/message/46976?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1800,64965764)

oops..... forgot the link <http://www.physorg.com/news75117516.html>

By m3dodds · #46976 · 7/25/08

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Fish oil may slow acute wound healing (<https://groups.io/g/AAT/message/46975?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1800,64965764)

Related story ... on pigs, and why piglets feel the cold (loss of brown fat, in pig ancestors). Why piglets shudder to keep warm Physorg.com 2006 [quote] Researchers at Uppsala University, Sweden, hav

By m3dodds · #46975 · 7/25/08

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Human Speech Traced to Talking Fish (<https://groups.io/g/AAT/message/46974?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1800,64965655)

Agree, the amphioxus/lancelet does seem to fit bill ... you could easily have been describing the lancelet in your speculation, about the possible ancestor of the vertebrates. the lancelet <http://en.w>

By m3dodds · #46974 · 7/25/08

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Luijiang Hs brain 1567 cc (<https://groups.io/g/AAT/message/46956?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1800,64965716)

Late Homo sapiens( not Modern man ), would make it older than 190,000 years ... As old as Omo.I (195,000 years) or much older. Or it could be younger, if Homo sapiens persisted longer in east Asia bef

By m3dodds · #46956 · 7/24/08

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Human Speech Traced to Talking Fish (<https://groups.io/g/AAT/message/46955?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1800,64965655)

--- In AAT@..., "m3dodds" <dons3148@...> wrote: Old amphioxus, is still making the news ... [quote] Newswise — Research on the genome of a marine creature led by scientists at Scripps Inst

By m3dodds · #46955 · 7/24/08

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Luijiang Hs brain 1567 cc (<https://groups.io/g/AAT/message/46937?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1800,64965716)

three-dimensional Pleistocene cavity is brain image. most range of They say late (Upper?) Pleistocene, do they mean sometime between 130,000 an 10,000 yrs ago? Brain Morphology Of Homo Luijiang Craniu

By m3dodds · #46937 · 7/22/08

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OT: Leopard Attacks Crocodile ... and wins (<https://groups.io/g/AAT/message/46936?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1800,64965596)

wrote: Would appear some do have a taste for croc ... Crocodile an Chips! <http://www.lalbadoro.com/reviews/makeitsnappy.htm> Somehow I don't think it'll replace fish an chips. ---m3d

By m3dodds · #46936 · 7/22/08

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hominid fossils in limestone (<https://groups.io/g/AAT/message/46922?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1800,64965685)

together in grow in to have often with Would say it is a very good indication that they did favour wetlands/river valleys/estuaries ... an possibly areas vulnerable to flash flooding? ---m3d

By m3dodds · #46922 · 7/21/08

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Human Speech Traced to Talking Fish (<https://groups.io/g/AAT/message/46921?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1800,64965655)

freshwater. oddballs) and this absence of about 3 x freshwater inversions "fish" had the Has been in out of favour, as you say ... but even if it wasn't the Amphioxus, chances are that it was somethin

By m3dodds · #46921 · 7/21/08

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OT: Leopard Attacks Crocodile ... and wins (<https://groups.io/g/AAT/message/46920?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1800,64965596)

Probably it tried its luck, an it paid off ... Though I wouldn't have thought there would be much meat on a croc. worth eating. ---m3d

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Human Speech Traced to Talking Fish (<https://groups.io/g/AAT/message/46912?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1800,64965655)

It's a long way from amphioxus, it's a long way to us. It's a long way from amphioxus to the meanest human cuss. It's good-bye to fins and gill slits, welcome lungs and hair. It's a long, long way fro

By m3dodds · #46912 · 7/20/08

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Human Speech Traced to Talking Fish (<https://groups.io/g/AAT/message/46907?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1800,64965655)

[quote] They found that the chirp of a bird, the bark of a dog and all the other sounds that come out of animals' mouths are the products of the neural circuitry likely laid down hundreds of millions

By m3dodds · #46907 · 7/20/08

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Origin of Human Speech ... 530,000 years ago. (<https://groups.io/g/AAT/message/46888?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1800,64965421)

See: Does the Thick Skin of the Florida Manatee (*Trichechus manatus latirostris*) Provide Ballast? E.K. Nill, D.A. Pabst, S.A. Rommel, and W.A. McLellan <http://www.sirenian.org/sirenews/34OCT2000.html>

By m3dodds · #46888 · 7/19/08

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Origin of Human Speech ... 530,000 years ago. (<https://groups.io/g/AAT/message/46879?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1820,64965421)

OK. Been looking at what's else is available on dugongs and the extinct seacow ... The largest apparently weighed a whopping 10 metric tons, an had extremely dense bones according to this piece from S

By m3dodds · #46879 · 7/19/08

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Origin of Human Speech ... 530,000 years ago. (<https://groups.io/g/AAT/message/46875?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1820,64965421)

Very heavy bones ... among other things. see: <http://en.wikipedia.org/wiki/Sirenia>

<http://www.bespokeexperience.com/en/1/newdivedugdug.mxs> <http://www.sirenian.org/sirenews/34OCT2000.html> Most of what

By m3dodds · #46875 · 7/19/08

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OT: Leopard Attacks Crocodile ... and wins (<https://groups.io/g/AAT/message/46874?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1820,64965596)

[quote] The American wildlife photographer was taking pictures of hippos from his car at a waterhole in Kruger National Park when a speeding shape came out of the bushes and headed for the water. Afte

By m3dodds · #46874 · 7/19/08

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Origin of Human Speech ... 530,000 years ago. (<https://groups.io/g/AAT/message/46864?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1820,64965421)

Liked the video, DD. but 10 metres is a wee bit deeper ... ---m3d Mostly in coastal zones ... Aquatic ecosystem

[http://en.wikipedia.org/wiki/Aquatic\\_ecosystem](http://en.wikipedia.org/wiki/Aquatic_ecosystem) Intertidal ecology <http://en.wikipedia.or>

By m3dodds · #46864 · 7/18/08

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Origin of Human Speech ... 530,000 years ago. (<https://groups.io/g/AAT/message/46860?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1820,64965421)

OK. Still think deep water diving is a recent thing, not something early Homo practised. IMO I would say they say they seldom dived below 5 to 10 metres. ---m3d -----

By m3dodds · #46860 · 7/18/08

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Origin of Human Speech ... 530,000 years ago. (<https://groups.io/g/AAT/message/46859?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1820,64965421)

The heavy bones appear to create a body that is more or less the same density as the water, therefore less energy is required to move from the surface to the bottom, and little energy is needed going f

By m3dodds · #46859 · 7/18/08

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Origin of Human Speech ... 530,000 years ago. (<https://groups.io/g/AAT/message/46853?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1820,64965421)

Yes. An if needs be they can dump the weights on ascent. Correct? ---m3d than He with 45500 was mid-line silt medium-size

<http://www.nature.com/nature/journal/v405/n6782/full/405065a0.html>

By m3dodds · #46853 · 7/17/08

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Origin of Human Speech ... 530,000 years ago. (<https://groups.io/g/AAT/message/46851?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1820,64965421)

A bit denser, muscle is approx 1.06, the accepted figure seems to be about 1.1 ... Human body fat: 0.918 gm/cc Human muscle: 1.049 gm/cc  
Yes simpler (a lot simpler, than trying to use both systems) ..

By m3dodds · #46851 · 7/17/08

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Origin of Human Speech ... 530,000 years ago. (<https://groups.io/g/AAT/message/46848?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1820,64965421)

The disadvantage of heavy bones, is unlike diving with a weight, you can't lose the "weight" when you want to surface ... ---m3d typically have to the Olog.cranium --MV) that

By m3dodds · #46848 · 7/17/08

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Origin of Human Speech ... 530,000 years ago. (<https://groups.io/g/AAT/message/46846?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1820,64965421)

Your correct, muscle tissue is probably twice as dense a fat tissue ... so if they (H.e) had more muscle mass and as well as dense bones, they probably would have sank in water, if the were heavier th

By m3dodds · #46846 · 7/17/08

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Origin of Human Speech ... 530,000 years ago. (<https://groups.io/g/AAT/message/46835?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1820,64965421)

Wouldn't possible additional lung capacity, more muscle mass, more SC fat negate any benefit gained from (H.e) having denser bones? The current density of the human body is close to that of water (we

By m3dodds · #46835 · 7/16/08

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Origin of Human Speech ... 530,000 years ago. (<https://groups.io/g/AAT/message/46831?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1820,64965421)

Was thinking more of buoyancy ... Currently the human body is close to the density of water ( a fraction heavier, in fresh water) which generally means we float, rather than sink when alive ... Assumi

By m3dodds · #46831 · 7/15/08

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Origin of Human Speech ... 530,000 years ago. (<https://groups.io/g/AAT/message/46827?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1820,64965421)

"m3dodds" "DDeden" Could be argued that there are other reasons for dense bones, bones respond to how they are used and diet is also a factor. But I see no reason to exclude diving as a possibility. B

By m3dodds · #46827 · 7/14/08

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Atapuerca Foundation ... website (<https://groups.io/g/AAT/message/46812?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1820,64965449)

Possibly they got there as a result of a burial ritual? Or they were victims of flash floods washed down into the caves, or got caught in the caves? This AMNH version is in English, but may not be as

By m3dodds · #46812 · 7/13/08

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Origin of Human Speech ... 530,000 years ago. (<https://groups.io/g/AAT/message/46806?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1820,64965421)

Would expected they are better adapted, than those of the other six apes, since the human ape has spent more time in the water. But, they still haven't adapted all that well to being submerged in wate

By m3dodds · #46806 · 7/13/08

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Atapuerca Foundation ... website (<https://groups.io/g/AAT/message/46802?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1820,64965449)

Atapuerca Foundation <http://www.atapuerca.org/> Spanish site (obviously) ... Use the Atapuerca Explorer ... (click on Observatoria Prehistoria) for a visual depiction of the first Europeans ... and a s

By m3dodds · #46802 · 7/12/08

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Origin of Human Speech ... 530,000 years ago. (<https://groups.io/g/AAT/message/46798?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1820,64965421)

Nope, the human (ape) ear. "recent" being H.s.sapiens (the last 190,000 yrs) Diving (meaning more than 1 or 2 m underwater) is probably as old as boat use (IMO) ... H.sapiens (roughly 400,000 to 200,0

By m3dodds · #46798 · 7/12/08

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Origin of Human Speech ... 530,000 years ago. (<https://groups.io/g/AAT/message/46794?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1820,64965421)

[http://www.sciencenews.org/view/generic/id/33933/title/Loud\\_and\\_clear](http://www.sciencenews.org/view/generic/id/33933/title/Loud_and_clear) Probably the same hearing frequency as - Hn, Hs an Hss ... I would

have said it suggests a life on the shore for H.heid, which is  
By m3dodds · #46794 · 7/11/08

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Origin of Human Speech ... 530,000 years ago. (<https://groups.io/g/AAT/message/46788?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1820,64965421)

[quote] The auditory bones of 530,000-year-old skulls indicate that an early human species called Homo heidelbergensis may have heard sounds much the way people do today. H. heidelbergensis are though

By m3dodds · #46788 · 7/10/08

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Coastlines, Submerged Landscapes ... (<https://groups.io/g/AAT/message/46773?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1820,64965390)

Abstract: We examine some long-standing assumptions about the early use of coastlines and marine resources and their contribution to the pattern of early human dispersal, and focus on the southern Red

By m3dodds · #46773 · 7/09/08

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IMPORTANT: sialic acid exchange 2-3ma, Retrovirus? Geography? (<https://groups.io/g/AAT/message/46729?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1840,64965279)

Would be a bit ironic if we are here today simply because of an ancient viral infection or mosquito bite (prior to human brain expansion) that resulted in the inactivation of Neu5Gc ... The news relea

By m3dodds · #46729 · 7/04/08

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IMPORTANT: sialic acid exchange 2-3ma, Retrovirus? Geography? (<https://groups.io/g/AAT/message/46723?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1840,64965279)

Many thanks, DD. Excellent, excellent article. [quote] Varki's discovery pointed to a definitive difference that set chimps and humans biochemically apart, says Morris Goodman, an evolutionary biologist

By m3dodds · #46723 · 7/03/08

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how some PAs try to explain BPism... (<https://groups.io/g/AAT/message/46715?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1840,64965265)

Stand, shuffle and piffle ... What's with these people ... we walk upright because we never walked on fours. We don't walk on twos, to look over the high grass, to keep our butts out of the water or t

By m3dodds · #46715 · 7/02/08

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[SPAM]R] Re: hyoid in Homo, apes & apiths (<https://groups.io/g/AAT/message/46700?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1840,64965218)

During exertion, would agree ... but what is gained by doing so? Wondered about that myself, so I did brief search to see if I could find anything on the chimp pharynx ... Google book search has a cop

By m3dodds · #46700 · 7/01/08

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Saving Metabolic Energy Seen As Factor In Switch To Bipedalism (<https://groups.io/g/AAT/message/46698?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1840,64964634)

IMO I would put slightly different, an say sea levels determine how much land is above or below the sea level at a particular time. Aside from which it takes millions of years to create mountains, but

By m3dodds · #46698 · 7/01/08

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R] Re: hyoid in Homo, apes & apiths (<https://groups.io/g/AAT/message/46697?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1840,64965202)

apiths Hasn't the raising and lowering of the velum have more to do with sealing of the nasal cavity (used in speech?) to ensure food goes downwards, not up into the nasal cavity? Don't think there is

By m3dodds · #46697 · 7/01/08

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[SPAM][SPAM][SPAM] Re: hyoid in Homo, apes & apiths (<https://groups.io/g/AAT/message/46691?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1840,64965199)

It does move, in the sense that it opens and closes to allow air or food to pass. An sort of helps us to swallow ... Basically, its the soft muscular tube that begins from behind the nose that goes as

By m3dodds · #46691 · 6/30/08

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[SPAM][SPAM] Re: hyoid in Homo, apes & apiths (<https://groups.io/g/AAT/message/46688?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1840,64965187)

Probably ... Elaine. ---m3d Hyoid bone: Wikipedia The hyoid bone (Lingual Bone) (lat. Os hyoideum) is a bone in the neck, and is the only bone in the human skeleton not articulated to any other bone.

By m3dodds · #46688 · 6/29/08

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[SPAM] Re: hyoid in Homo, apes & apiths (<https://groups.io/g/AAT/message/46684?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1840,64965181)

Not sure why it should be, but I have often seen the hyoid bone referred to as such. About a dozen or so muscles attach to hyoid bone, so possibly in turn the tongue uses it as a muscle anchor? ... Or

By m3dodds · #46684 · 6/29/08

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Saving Metabolic Energy Seen As Factor In Switch To Bipedalism (<https://groups.io/g/AAT/message/46682?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1840,64964634)

2.9 Ma paleoecological would Think only a (paleo)virologist could possibly know, if its a feasible hypotheses. But one thing is certain, H did not leave Africa to evade the virus (they would not even

By m3dodds · #46682 · 6/29/08

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hyoid in Homo, apes & apiths (<https://groups.io/g/AAT/message/46679?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1840,64965081)

sample was Most of these changes are a consequence of having smaller jaws, reduced jaw muscles. (MYH16 gene inactivation in H?) Smaller jaws, reduced jaw muscles favored as a consequence of a change i

By m3dodds · #46679 · 6/29/08

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hyoid in Homo, apes & apiths (<https://groups.io/g/AAT/message/46672?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1840,64965081)

Doesn't it also act as a stable anchor for the tongue ? ---m3d

By m3dodds · #46672 · 6/28/08

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hyoid in Homo, apes & apiths (<https://groups.io/g/AAT/message/46671?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1840,64965081)

Atapuerca Changes ... due to how the tongue was being used in H.ante/H.heid ? (tongue adaptations for speech ... involve greater control over the tongue?) I have no doubt He dived regularly (pachyosto

By m3dodds · #46671 · 6/28/08

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Saving Metabolic Energy Seen As Factor In Switch To Bipedalism (<https://groups.io/g/AAT/message/46647?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1840,64964634)

paper From past viral infections? Could be that not all primates have the same history of RV infection. Sometimes it possibly works in our favor, and sometimes not. (P.troglodytes won. innate Pt & Hs

By m3dodds · #46647 · 6/27/08

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hyoid in Homo, apes & apiths (<https://groups.io/g/AAT/message/46646?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1840,64965081)

Rodríguez 2008 More likely it was the LCA of Hn/Hs ... The remains of the He LCA is probably on the other side of the world (SE Asia?). ( has a He hyoid bone fossil, ever been found? ) Taking into con

By m3dodds · #46646 · 6/27/08

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Saving Metabolic Energy Seen As Factor In Switch To Bipedalism (<https://groups.io/g/AAT/message/46643?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1840,64964634)

It is a feasible explanation, that innate immunity spared H infection millions of years ago, but makes us more vulnerable to a lethal virus today that is relatively harmless, for chimpanzees. But ...

By m3dodds · #46643 · 6/27/08

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hyoid in Homo, apes & apiths (<https://groups.io/g/AAT/message/46632?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1840,64965081)

morphology and in this similar derived Thanks, Marc. The hyoid bones, of the common ancestor of Hn and Hs ... ---m3d

By m3dodds · #46632 · 6/26/08

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Saving Metabolic Energy Seen As Factor In Switch To Bipedalism (<https://groups.io/g/AAT/message/46627?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1840,64964634)

It would depend on what kind of climate southern Europe was experiencing 1 - 1.3 million years ago. Not certain but just over a million years, maybe 1.5 Ma it could have been interglacial (a warm peri

By m3dodds · #46627 · 6/26/08

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Saving Metabolic Energy Seen As Factor In Switch To Bipedalism (<https://groups.io/g/AAT/message/46615?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1840,64964634)

Some foolish PAs ( probably savanna believers ) still believe 'Lucy' was an ancestor. Neither excludes the other ... Think the earliest date for

H.ante/heid is 1.2 - 1.3 Ma ... Our shore ancestors cou  
By m3dodds · #46615 · 6/25/08

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Saving Metabolic Energy Seen As Factor In Switch To Bipedalism (<https://groups.io/g/AAT/message/46613?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1840,64964634)

fossil A. these and wet have Would be interested in your view Marc, on this news item from last year ... on that retrovirus, an its consequences. ( innate immunity, as an explanation ) <http://www.eure>  
By m3dodds · #46613 · 6/25/08

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AAH Reference in textbook "Humankind emerging" Campbell et al 2006  
(<https://groups.io/g/AAT/message/46610?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1860,64965040)

At first glance this couple of sentences in Bernard Campbell's book, appears to be the usual PAs dismissal of Marc's hypotheses without giving it serious consideration. If on the other hand the author  
By m3dodds · #46610 · 6/25/08

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Saving Metabolic Energy Seen As Factor In Switch To Bipedalism (<https://groups.io/g/AAT/message/46603?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1860,64964634)

unnecessary?) They are said to be ancestors, ancestors of H.heid/H.neanderthal/H.sapiens ... Which seems a reasonable speculation on two counts, the H.neaderthal/H.sapiens split ... and the indication  
By m3dodds · #46603 · 6/24/08

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Saving Metabolic Energy Seen As Factor In Switch To Bipedalism (<https://groups.io/g/AAT/message/46602?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1860,64964634)

Maka million years at Hadar, preference. relatively few despite on the (here she Would agree, with that conclusion. In the period covered 3.5 - 2.9 Ma ... the ancestors of Homo could have been absent  
By m3dodds · #46602 · 6/24/08

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Saving Metabolic Energy Seen As Factor In Switch To Bipedalism (<https://groups.io/g/AAT/message/46594?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1860,64964634)

OK. Still think some don't eat fish (like vegetarians an junk-food enthusiasts ) out of personal choice, an others (who go to bed hungry) don't have the option of eating a fish (or much else). Wouldn't  
By m3dodds · #46594 · 6/23/08

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water babies pics (<https://groups.io/g/AAT/message/46592?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1860,64965009)

Thanks, DD. A link on the page, led to a lot more pics ... Underwater Babies: Damn Cool Pics  
<http://damncoolpics.blogspot.com/2007/04/underwater-babies.html> ---m3d  
By m3dodds · #46592 · 6/23/08

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Smart Girls Eat Fish (<https://groups.io/g/AAT/message/46587?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1860,64964995)

[quote] Girls who eat more omega-3 fatty acids outsmart those who eat higher amounts of omega-6 fatty acids, according to new research. As a result of this and other studies, government dietary recomb  
By m3dodds · #46587 · 6/22/08

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Saving Metabolic Energy Seen As Factor In Switch To Bipedalism (<https://groups.io/g/AAT/message/46586?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1860,64964634)

Not so certain that most do, Marc ... Stats(statistics) on the human diet, are not good. Deficiencies of all kinds abound ... IDD (Iodine Deficiency Diseases) alone effects 100's millions. Not so sure  
By m3dodds · #46586 · 6/22/08

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Zebra's Stripes, Butterfly's Wings (<https://groups.io/g/AAT/message/46574?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1860,64964965)

A zebra's stripes, a seashell's spirals, a butterfly's wings ... Cells battle to create patterns out of no pattern ... (no designer)  
<http://www.sciencedaily.com/releases/2008/06/080619111748.htm> ---m3  
By m3dodds · #46574 · 6/21/08

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how many bottlenecks, when (<https://groups.io/g/AAT/message/46572?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1860,64964944)

"Bottlenecks" Humans seem to have been remarkably unlucky, when it came to "bottlenecks" ( in comparison to the other apes ... chimps-orangs-gorillas ) ... always on the point of being wiped out, by t  
By m3dodds · #46572 · 6/20/08

Saving Metabolic Energy Seen As Factor In Switch To Bipedalism (<https://groups.io/g/AAT/message/46565?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1860,64964634)

A lack of aquatic foods apparently has not reduced the size of H.s.s brain, we still have a relatively large brain ... think instead a lack impairs function, an a predom.aquatic diet improves. Think t

By m3dodds · #46565 · 6/20/08

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Saving Metabolic Energy Seen As Factor In Switch To Bipedalism (<https://groups.io/g/AAT/message/46554?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1860,64964634)

This is a copy 'Anatomy of Indians and Inuit' published on the Quebec History site ... it's a lengthy article. (first published in 1907)  
<http://tinyurl.com/5jgxbp> -----

By m3dodds · #46554 · 6/19/08

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Atapuerca 1.2-1.1 Ma (<https://groups.io/g/AAT/message/46553?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1860,64964919)

This site has an image of the mandible. ( click on it to get a larger image ) ---m3d The First Hominin of Europe ( Homo antecessor )

<http://palaeoblog.blogspot.com/2008/03/first-hominin-of-europe.html>

By m3dodds · #46553 · 6/19/08

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New file uploaded to AAT (<https://groups.io/g/AAT/message/46532?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1860,64964843)

"Human Evolution - Open Plain or Waterside" It's a good summary - Marc, though I do not agree on some points. also ... If Aquaboreal 20 Ma to 5 Ma If Littoral 2 Ma to 0.2 Ma What about 5 Ma to 2 Ma ?

By m3dodds · #46532 · 6/16/08

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Saving Metabolic Energy Seen As Factor In Switch To Bipedalism (<https://groups.io/g/AAT/message/46531?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1860,64964634)

Yes. The western bit ended in 476 AD ... the remainder fell almost a thousand years later in 1453 ... Also googled, lots of claims, but no basis for the figure other than questionable handbook on Amer

By m3dodds · #46531 · 6/16/08

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New file uploaded to AAT (<https://groups.io/g/AAT/message/46518?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1860,64964843)

PowerPoint Viewer ... should open it ... It has an unusual file extension, did you create it on a Mac? ---m3d

By m3dodds · #46518 · 6/15/08

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Saving Metabolic Energy Seen As Factor In Switch To Bipedalism (<https://groups.io/g/AAT/message/46515?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1860,64964634)

Has risen 2 m in the last 2000 years? ( or in the 500 odd years, since the end of the Roman empire? ) An average for all Eskimos of 1500 cc. does not sound right. Individuals are variable ( 1000 to 20

By m3dodds · #46515 · 6/15/08

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Uplift Recent 2ma? (<https://groups.io/g/AAT/message/46502?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1860,64964813)

Intriguing, DD. Was early Man/H.e in the far east before or after the uplift of the Tibetan plateau ... [quote] About 15,000 feet up on Tibet's desolate Himalayan-Tibetan Plateau, an international res

By m3dodds · #46502 · 6/14/08

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Turkana stingray (<https://groups.io/g/AAT/message/46501?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1860,64964795)

--- In AAT@..., Marc Verhaegen <m\_verhaegen@...> wrote: Freshwater stingrays from the Plio-Pleistocene of the Turkana Basin, Kenya and Ethiopia CRAIG S. FEIBEL (1993) Lethaia 26 (4) 359-36

By m3dodds · #46501 · 6/14/08

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Saving Metabolic Energy Seen As Factor In Switch To Bipedalism (<https://groups.io/g/AAT/message/46498?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1860,64964634)

OK. Possible, if the Caucasus has risen a 1000 m or so above sea level the last 1.7 million years. That ... should have been 200 thousand years, not 2 million years. 1500 cc. seems a high figure, that

By m3dodds · #46498 · 6/13/08

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Saving Metabolic Energy Seen As Factor In Switch To Bipedalism (<https://groups.io/g/AAT/message/46493?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1860,64964634)

An a speciation time of 400,000 years? Reassessing the time at which human-chimp lineages diverged (Primateology.net)

<http://tinyurl.com/364qng> They both could easily have been part, of a much larger c  
By m3dodds · #46493 · 6/12/08

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Saving Metabolic Energy Seen As Factor In Switch To Bipedalism (<https://groups.io/g/AAT/message/46481?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1880,64964634)

Before Toumai! Which planet are these people on ... Even that were to be the case, as least at 4.6 Ma H would be a distinct species. Africa doesn't have much of a continental shelf, so if they coloni  
By m3dodds · #46481 · 6/11/08

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Saving Metabolic Energy Seen As Factor In Switch To Bipedalism (<https://groups.io/g/AAT/message/46461?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1880,64964634)

Dates ... 4.6 Ma, is about the earliest date claimed for the H/P split, but it is likely the actual date was much closer to 5 Ma ... but we can say at 4.6 Ma ... H was a distinct species (agree?). Not  
By m3dodds · #46461 · 6/10/08

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Saving Metabolic Energy Seen As Factor In Switch To Bipedalism (<https://groups.io/g/AAT/message/46446?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1880,64964634)

different Saying [20.Ma] [18-10 Ma] [10-8 Ma] [5-2 Ma] Differ here Would say ... 4.6 - 2.6 Ma [2-0.2 Ma] Differ here ... Would say ... [2.6-2.0 Ma] possible shore ancestors. And here ... [2.0-0.2 Ma]  
By m3dodds · #46446 · 6/09/08

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"Dark days" due to fire per tree rings (<https://groups.io/g/AAT/message/46445?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1880,64964618)

Why unexpected? It's not all that long since the last ice age, when sea levels were much lower than today's. Yes, unlike Krakatoa, it does lie inland. Tsunamis usually result from a sudden displacemen  
By m3dodds · #46445 · 6/09/08

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"Dark days" due to fire per tree rings (<https://groups.io/g/AAT/message/46435?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1880,64964618)

Still does not explain why humans went through an alleged bottleneck, while gorillas, chimps, orang-utans an others were largely unaffected. By the way doesn't Toba lie some distance from the sea, lie  
By m3dodds · #46435 · 6/08/08

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"Dark days" due to fire per tree rings (<https://groups.io/g/AAT/message/46432?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1880,64964618)

The human animal seems to fallen foul of an amazing number of catastrophes and bottlenecks, like the alleged Toba super-volcano bottleneck ... when humans were allegedly reduced in number again for th  
By m3dodds · #46432 · 6/08/08

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Saving Metabolic Energy Seen As Factor In Switch To Bipedalism (<https://groups.io/g/AAT/message/46431?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1880,64964634)

record 800-900 ape split present H.erectus thighs obligatory how our should try valgus As someone who has argued for some time that bipedalism is as 'old as the hills' an that it is not special or uni  
By m3dodds · #46431 · 6/08/08

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First Shoes Worn 40,000 years ago (<https://groups.io/g/AAT/message/46400?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1880,64964579)

[quote] Turns out, clothes really do make the man (and the woman), at least when it comes to feet. That's because wearing shoes changes the way humans walk and how their bodies distribute weight. If y  
By m3dodds · #46400 · 6/06/08

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Pyramids packed with fossil seashells (<https://groups.io/g/AAT/message/46392?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1880,64964426)

[http://dti.inah.gob.mx/index.php?option=com\\_content&task=view&id=875&Itemid=150](http://dti.inah.gob.mx/index.php?option=com_content&task=view&id=875&Itemid=150) Gathering 300 million molluscs, not to eat, but to build a pyramid, is a bit extreme. ---m3d  
By m3dodds · #46392 · 6/05/08

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Human Migration: The Mystery of China's Celtic Mummies (<https://groups.io/g/AAT/message/46374?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1880,64964515)

[quote] The discovery of European corpses thousands of miles away suggests a hitherto unknown connection between East and West in the Bronze Age. But this is no early Celt from central Scotland. This  
By m3dodds · #46374 · 6/03/08

Mother Fish 380ma (<https://groups.io/g/AAT/message/46364?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1880,64964441)

DD, Meant to include this link on Gogo, last time. [http://scienceblogs.com/pharyngula/2006/10/gogonasmus\\_andrewsae.php](http://scienceblogs.com/pharyngula/2006/10/gogonasmus_andrewsae.php) This Pharynhula blog on Gogo, has a good illustration of the bones of its front fi

By m3dodds · #46364 · 6/02/08

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OT: Bukhara in Central Asia (<https://groups.io/g/AAT/message/46353?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1880,64964446)

Yes they found evidence for TB in a Neanderthal fossil (500,000 years old) found in western Turkey. Probably it spent to much time lurking in dark caves ... they also have found evidence for TB in Mum

By m3dodds · #46353 · 6/01/08

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Mother Fish 380ma (<https://groups.io/g/AAT/message/46352?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1880,64964441)

Mudskippers ... evading predators by clinging to mangrove branches? The Gogo fossil is said to have the beginnings of a wrist joint, in its front fins. Researchers say the Gogo was an ambush predator,

By m3dodds · #46352 · 6/01/08

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Mother Fish 380ma (<https://groups.io/g/AAT/message/46348?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1880,64964441)

Could be the origins of ears, in land animals, DD. It is a bit of a puzzle. Why large spiracles (blowholes) unless it was actually breathing air, why more than one blowhole if it was used for breathin

By m3dodds · #46348 · 5/31/08

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OT: Bukhara in Central Asia (<https://groups.io/g/AAT/message/46346?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1880,64964446)

Apparently, yes. Possibly not in Bukhara itself, but H.n remains have been found in Uzbekistan. Anthropology.net October 2, 2007 Whoa, Neandertals were in Uzbekistan and Siberia <http://tinyurl.com/64h>

By m3dodds · #46346 · 5/31/08

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Mother Fish 380ma (<https://groups.io/g/AAT/message/46340?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1880,64964441)

Mother Fish <http://museumvictoria.com.au/About/MV-News/2008/Mother-fish/> DD, check out the Gogonasmus link on this page ... ---m3d

By m3dodds · #46340 · 5/30/08

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Shift From Savannah to Sahara Was Gradual (<https://groups.io/g/AAT/message/46337?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1880,64964439)

[quote] Six thousand years ago, northern Africa was a place of trees, grasslands, lakes and people. Today, it is the Sahara — a desolate area larger area than Australia. Shift From Savannah to Sahara

By m3dodds · #46337 · 5/30/08

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Traditional Australian watercraft (<https://groups.io/g/AAT/message/46336?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1880,64964434)

Interesting discussion, DD. If modern humans were capable of original thought for the last 40,000 years ... it seem reasonable to speculate, that they were capable of noting that some materials float

By m3dodds · #46336 · 5/30/08

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Pyramids packed with fossil seashells (<https://groups.io/g/AAT/message/46333?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1880,64964426)

[quote] Many of Egypt's most famous monuments, such as the Sphinx and Cheops pyramid at Giza, contain hundreds of thousands of marine fossils, according to a new study. ABC Science Monday, 28 April 20

By m3dodds · #46333 · 5/29/08

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U-turn in Human migration theory (<https://groups.io/g/AAT/message/46327?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1880,64964358)

On reflection, this was more a natural catastrophe than a human one, unless there was a sudden ice melt ( ice sheets melting in a matter of days )at the end of the last ice age ... the inhabitants of

By m3dodds · #46327 · 5/29/08

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U-turn in Human migration theory (<https://groups.io/g/AAT/message/46309?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1900,64964358)

--- In AAT@..., "m3dodds" <dons3148@...> wrote: The attraction for life on the coast must be strong, in Man, if the survivors of the flooding of

Sundaland (a natural catastrophe at the end

By m3dodds · #46309 · 5/25/08

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U-turn in Human migration theory (<https://groups.io/g/AAT/message/46305?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1900,64964358)

[quote] Research led by the University of Leeds has discovered genetic evidence that overturns existing theories about human migration into Island Southeast Asia (covering the Philippines, Indonesia a

By m3dodds · #46305 · 5/23/08

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Human animal, no longer unique? (<https://groups.io/g/AAT/message/46304?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1900,64964356)

[quote] Even more convincing examples of animal cultures are found in cetaceans. Killer whales, for example, fall into two distinct groups, residents and transients. Although both live in the same wat

By m3dodds · #46304 · 5/23/08

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Edinburgh Zoo highlights human evolution (<https://groups.io/g/AAT/message/46300?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1900,64964338)

Chimps get in the swing at new pad Published Date: 27 April 2008 By Nicholas Christian IT IS a home fit for the king of the swingers. The new £6m Budongo Trail at Edinburgh Zoo houses the world's larg

By m3dodds · #46300 · 5/22/08

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J.Anat. on human evolution (<https://groups.io/g/AAT/message/46283?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1900,64964308)

Thanks, Marc. Contents: April issue <http://www.blackwell-synergy.com/toc/joa/212/4> Sarah Elton's ... "The environmental context of human evolutionary history in Eurasia and Africa" ... is on the possi

By m3dodds · #46283 · 5/20/08

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Mann on Man ... The Scars of Evolution (<https://groups.io/g/AAT/message/46277?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1900,64964291)

[quote] From the teeth, Mann moved on to the development of upright posture. "Few animals on the planet walk on only two limbs with their front limbs free," he says, "but it didn't come without a cost

By m3dodds · #46277 · 5/18/08

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Unbalanced babies (<https://groups.io/g/AAT/message/46254?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1900,64964236)

[http://scienceblogs.com/cognitivedaily/2008/05/what\\_backpackwearing\\_toddlers.php](http://scienceblogs.com/cognitivedaily/2008/05/what_backpackwearing_toddlers.php) Fascinating stuff ... as was the related 'How we Learn to Walk' piece ... Thanks, DD. (have added, Cognitive Daily, to

By m3dodds · #46254 · 5/13/08

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why all known anti-AAT "arguments" are wrong (Re: Re: googling aquatic ap

(<https://groups.io/g/AAT/message/46243?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1900,64964206>)

--- In AAT@..., Marc Verhaegen <m\_verhaegen@...> wrote: The best way to get a fair hearing for the theory, is to keep it simple. An to remember that not all our traits, have a shore side e

By m3dodds · #46243 · 5/12/08

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Arabia in the Miocene (<https://groups.io/g/AAT/message/46214?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1900,64964135)

[quote] Approximately 23 million years ago Arabia had moved so far away from Africa that the Tethys sea was closed. This movement gave birth (amongst others) to the Zagros mountains of Iran. Up until

By m3dodds · #46214 · 5/10/08

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Toba ... the volcano (<https://groups.io/g/AAT/message/46189?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1900,64964081)

Maps, charts, photos and info on Toba volcano. Chapters 4 and 5 ... deal with the aftermath of the eruption and the alleged "bottleneck" ... <http://www.andaman.org/BOOK/originals/Weber-Toba/textr.htm>

By m3dodds · #46189 · 5/07/08

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Younger Dryas "black mats" (<https://groups.io/g/AAT/message/46175?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1900,64964044)

[quote] The end of the Pleistocene Epoch was marked with steadily warmer temperatures and the great ice age glaciers that covered vast areas of North America were in retreat. Except for a 1,000-year p

By m3dodds · #46175 · 5/06/08

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Questions of uninformed SFs on AAT (<https://groups.io/g/AAT/message/46159?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1900,64963998)

Questions one to five, bear no relation to the AAT ... if he purports to be a critic of the AAT, he should at least know something of what he is criticising ... Clearly he knows, nothing ... ---m3d

By m3dodds · #46159 · 5/04/08

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Humans: The Strangest Species (<https://groups.io/g/AAT/message/46157?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1900,64963996)

[quote] Humans are arguably the most bizarre creatures in the animal kingdom. The proof is in the many gross, unnecessary, contradictory and simply inexplicable things we do. And of course we're diffe

By m3dodds · #46157 · 5/04/08

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limb locomotion (<https://groups.io/g/AAT/message/46156?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1900,64963982)

[http://scienceblogs.com/tetrapodzology/2008/04/functional\\_anatomy\\_part\\_iii.php#more](http://scienceblogs.com/tetrapodzology/2008/04/functional_anatomy_part_iii.php#more) Many thanks for the link, DD. Have just read the first part, a quote from first part ... "...But even many of the '

By m3dodds · #46156 · 5/04/08

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Swimming Orang-utans (<https://groups.io/g/AAT/message/46149?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1900,64963907)

wrote: Elephants then, could better described as relatively hairless(like humans, but for a different reason) than hairless animals. Possibly the difference for gorillas, is that adult gorillas are sa

By m3dodds · #46149 · 5/03/08

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Swimming Orang-utans (<https://groups.io/g/AAT/message/46143?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1900,64963907)

Thanks. One photo shows a young elephant with head hair (cover of the children's book) ... These would be the same hazards our ancestors faced, so I would speculate that its the chimps knuckle walking

By m3dodds · #46143 · 5/02/08

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Swimming Orang-utans (<https://groups.io/g/AAT/message/46136?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1900,64963907)

Most animals will dog paddle using the forelimbs for the nearest bit of dry land if they fall into the water, its a pretty basic swimming stroke. Its often the first swim stroke too, of children learn

By m3dodds · #46136 · 5/01/08

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Swimming Orang-utans (<https://groups.io/g/AAT/message/46127?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1900,64963907)

Some experts would agree with you, they say a chimpanzee will panic and sink in water, but one ape (at least) can dog paddle and more in water ... the human ape. Dog paddle ... "A prone swimming strok

By m3dodds · #46127 · 4/30/08

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Swimming Orang-utans (<https://groups.io/g/AAT/message/46125?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1900,64963907)

Its not impossible they could dog-paddle, but I agree its more likely siamangs use air-sacs more for display(dominance) an vocalisation ... Your right DD, the link still works, but it appears they hav

By m3dodds · #46125 · 4/30/08

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Swimming Orang-utans (<https://groups.io/g/AAT/message/46123?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1900,64963907)

Do the Siamangs enter the water? More Orang-utan photos(5) DD ... two more of the orang-utan 'fishing'(one slightly different from the original published photo) the second shows the orang-utan holding

By m3dodds · #46123 · 4/30/08

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Swimming Orang-utans (<https://groups.io/g/AAT/message/46118?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1920,64963907)

The dog-paddle could be likened to a sort of basic breast stroke. (question is, do other apes use all four limbs to dog paddle - like quadrupeds while in the water). Most experts, would say if you flu

By m3dodds · #46118 · 4/29/08

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Swimming Orang-utans (<https://groups.io/g/AAT/message/46114?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1920,64963907)

Thanks,DD. Think it is mainly a photo-book, as its aim is to awaken the public to the dire plight of the orang-utans ... My favourite of the two photos, is the one of the orang-utan 'fishing' ... or t  
By m3dodds · #46114 · 4/29/08

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### Swimming Orang-utans (<https://groups.io/g/AAT/message/46106?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1920,64963907)

--- In AAT@..., "m3dodds" <dons3148@...> wrote: Orang-utan tries his hand at catching a fish.... (see photo) Images used in these two news articles, are from a new book about Orang-utans '

By m3dodds · #46106 · 4/28/08

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### Swimming Orang-utans (<https://groups.io/g/AAT/message/46105?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1920,64963907)

Orang-utans have confounded naturalists by learning to swim across rivers and to fish with sticks. Naturalists were shocked to see the apes swim across a river to gain access to some of their favourit

By m3dodds · #46105 · 4/28/08

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### Hominin life history (<https://groups.io/g/AAT/message/46099?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1920,64963848)

crests). below). enamel Despite the to attain sample length ET in interpretations of make rel.ETs ; performed 49:370-389 variation in Saimiri & in all Chiropotes. in the the MS & antero-lateral inferi

By m3dodds · #46099 · 4/27/08

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### Hominin life history (<https://groups.io/g/AAT/message/46098?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1920,64963848)

The Status of Wild Atlantic Salmon - A River by River Assessment, reports that, in the 2,005 rivers historically nurturing this species on both sides of the Atlantic, the wild fish have disappeared in

By m3dodds · #46098 · 4/27/08

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### Hominin life history (<https://groups.io/g/AAT/message/46090?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1920,64963848)

DD/dental development ... Can it tell the difference between a species that ate a diet rich in nuts and grains, an one that was simply using its teeth to crack open shells on the shore. with a Hs

By m3dodds · #46090 · 4/26/08

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### Human line 'nearly split in two' (<https://groups.io/g/AAT/message/46089?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1920,64963863)

Hs nearly extinct 70 ka? <http://tech.groups.yahoo.com/group/AAT/message/46280> ----- lived in have been meaningful to track material record separate in their years the Khoi studies of serie

By m3dodds · #46089 · 4/26/08

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### Hs nearly extinct 70 ka? (<https://groups.io/g/AAT/message/46079?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1920,64963858)

wrote: <http://www.livescience.com/history/080424-ap-early-human-extinction.html> Possibly associating it with the savanna hypotheses, was a little unfair. Earlier this afternoon I downloaded a pdf, whi

By m3dodds · #46079 · 4/25/08

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### Hs nearly extinct 70 ka? (<https://groups.io/g/AAT/message/46077?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1920,64963858)

Another study to file with those claiming the Earth is flat, that penguins fly north for the winter ... an Man evolved on the savanna. ---m3d

By m3dodds · #46077 · 4/25/08

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### Hominin life history (<https://groups.io/g/AAT/message/46071?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1920,64963848)

Hominin life history: reconstruction and evolution. Review Journal of Anatomy. 212(4):394-425, April 2008. Shannen L. Wood, Bernard Robson Abstract: In this review we attempt to reconstruct the evolut

By m3dodds · #46071 · 4/24/08

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### Do as Humans ... Do (<https://groups.io/g/AAT/message/46067?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1920,64963831)

Possibly in the case of the gorillas it is genuine experience ... that has led to tool use, such as using a stick to test the depth when wading, or using a stick for support when foraging for aquatic

By m3dodds · #46067 · 4/22/08

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Do as Humans ... Do (<https://groups.io/g/AAT/message/46064?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1920,64963831)

Gorilla wading, feeding in water [quote] She began to cross the pool walking bipedally, but after her first steps the water quickly became waist deep and she returned to the pool edge. Leah then re-en

By m3dodds · #46064 · 4/22/08

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'our ancestors never lived near "water holes" Re: Endurance running &/or water

(<https://groups.io/g/AAT/message/46062?>

durophagous: thick they're <http://www.current-biology.com/content/article/abstract?uid=PIIS09609822070080> mole rats [3, 4, 5]. report the nonhumans. chimpanzees use chimpanzees we were up to used in h

By m3dodds · #46062 · 4/21/08

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Art and Anthropology (<https://groups.io/g/AAT/message/46049?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1920,64963618)

wrote: <http://donsmaps.com/images2/dolnivestonicepainting.jpg> fires Dolni Vestonice:

<http://www.donsmaps.com/images2/dolnivestonicepainting.jpg> Would think the Maple tree's domestication, probably beg

By m3dodds · #46049 · 4/20/08

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Art and Anthropology (<https://groups.io/g/AAT/message/46038?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1920,64963618)

wrote: rivers, will would Yes, knowing the topography of the area would give them great Would speculate that the Maple varieties used for maple sap syrup, have had more time( being harvested for longe

By m3dodds · #46038 · 4/19/08

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Art and Anthropology (<https://groups.io/g/AAT/message/46021?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1920,64963618)

North American birch and elder trees? Thought the Maple tree, had cornered the market for sap-syrup ... The fig tree(ficus), is thought to be the first fruit tree to be cultivated by Man (some 11,200

By m3dodds · #46021 · 4/18/08

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Art and Anthropology (<https://groups.io/g/AAT/message/46016?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1920,64963618)

Not as far as I know, DD. Think the Maple tree in eastern Canada evolved in an environment that is not normally found in Europe, as apparently to produce the sap used for maple syrup, it requires a nu

By m3dodds · #46016 · 4/17/08

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Neanderthal Speaks .... (<https://groups.io/g/AAT/message/46008?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1920,64963683)

[quote] Talk about a long silence – no one has heard their voices for 30,000 years. Now the long-extinct Neanderthals are speaking up – or at least a computer synthesiser is doing so on their behalf.

By m3dodds · #46008 · 4/16/08

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Art and Anthropology (<https://groups.io/g/AAT/message/46007?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1920,64963618)

Apparently this camp at Dolni Vestonice ... depicted by Caseilli in a drawing, was occupied year round, which is remarkable as it was at the edge of the ice sheet ... Dolni Vestonice: <http://www.donsm>

By m3dodds · #46007 · 4/16/08

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Art and Anthropology (<https://groups.io/g/AAT/message/45990?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1940,64963618)

Presumably, from the forest that is depicted in the background ... seems to be a pretty accurate depiction of a Cro-Magnon camp. The a'piths depicted, look more like ancestors of the baboons ... maybe

By m3dodds · #45990 · 4/15/08

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Neandertals ate red meat (<https://groups.io/g/AAT/message/45989?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1940,64963530)

wrote: Europe does have its plains, the north European for one, an the Hungarian being another, but as you say Europe is significantly different from Africa ... especially in terms of climate. Meaning

By m3dodds · #45989 · 4/15/08

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Neandertals ate red meat (<https://groups.io/g/AAT/message/45967?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1940,64963530)

Agree, Caselli's imagery (artwork) covers, a wide range of subjects from anthropology to mythology. catalogue

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### Neandertals ate red meat (<https://groups.io/g/AAT/message/45956?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1940,64963530)

If they were killing their prey at close quarters. Ambushing trapping their prey at the waterside ... would as you say be a more successful tactic, than trying to get up close on open plain ... Killin

By m3dodds · #45956 · 4/13/08

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### Neandertals ate red meat (<https://groups.io/g/AAT/message/45946?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1940,64963530)

DD This seems to only confirm that H.neanderthal, close relative of H.sapiens, was a top level carnivore ... (killing their prey, at close quarters) [quote] Conclusion: Isotope analyses of two Neander

By m3dodds · #45946 · 4/12/08

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### Dmanisi ... and more (<https://groups.io/g/AAT/message/45927?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1940,64963517)

An excellent site, on Dmanisi ... <http://www.donsmaps.com/dmanisi.html> It also has good links to other palaeolithic European, Asian and Australian sites. <http://www.donsmaps.com/indexsites.html> ---m3d

By m3dodds · #45927 · 4/11/08

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### Male monkeys prefer boys toys (<https://groups.io/g/AAT/message/45889?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1940,64963435)

[quote] It's thought of as a sexual stereotype: boys tend to play with toy cars and diggers, while girls like dolls. But male monkeys, suggests research, are no different. <http://www.newscientist.com/>

By m3dodds · #45889 · 4/07/08

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### Eight Days: The Human Rhythm of Life (<https://groups.io/g/AAT/message/45870?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1940,64963392)

[quote] The newly discovered rhythm, like the circadian rhythm, originates in the hypothalamus, a region of the brain that functions as the main control center for the autonomic nervous system. But un

By m3dodds · #45870 · 4/06/08

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### Streamline? (Re: Re: AAT falsifiable? (<https://groups.io/g/AAT/message/45869?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1940,64963348)

Not convinced that streamlining was of any value to our shore ancestors, the problems humans face in diving to depths of more than 10 metres, have to with pressure ... (an the very limited amount of t

By m3dodds · #45869 · 4/06/08

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### Littoral (Re: Re: Let's get our habitat terminology right (<https://groups.io/g/AAT/message/45868?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1940,64963350)

'AAT - Shore adaptations in genus Homo' \_\_\_\_\_ Is a good choice, Marc. It expresses much, in just a few words ... (clear and succinct!) ---m3d 2cbeb173-6e7f-49bd-8860-

By m3dodds · #45868 · 4/06/08

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### Littoral (Re: Re: Let's get our habitat terminology right (<https://groups.io/g/AAT/message/45852?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1940,64963350)

IMO it would be better to use 'shore' ( an shoreline ) than littoral ... As the meaning of 'shore' is far better understood, than that of 'littoral' ... -- -m3d Marc Verhaegen <<mailto:2cbeb173-6e7f-49bd>>

By m3dodds · #45852 · 4/05/08

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### AAT falsifiable? (<https://groups.io/g/AAT/message/45847?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1940,64963116)

Yes ... drag is an important factor for mammals that live in the oceans ... but the human animal is not streamlined like an aquatic mammal ... we have neither fused the head and torso together, lost o

By m3dodds · #45847 · 4/05/08

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### Let's get our habitat terminology right (<https://groups.io/g/AAT/message/45846?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1940,64963257)

It is used as a biological term, but it is still Latin ... for the shore. Would also point on the group home page ... AAT is defined prominently as ... 'AAT - shoreline adaptations in the genus Homo'

By m3dodds · #45846 · 4/05/08

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Let's get our habitat terminology right (<https://groups.io/g/AAT/message/45842?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1940,64963257)

Littoral(litoris) ... is simply Latin for the ... shore. ---m3d

By m3dodds · #45842 · 4/04/08

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AAT falsifiable? (<https://groups.io/g/AAT/message/45841?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1940,64963116)

Important for aquatic species, species running down prey in the water ... but for a part-time shallow water forager, being aligned probably sufficed ... Sufficiently aligned ... in an out of water. Qu

By m3dodds · #45841 · 4/04/08

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AAT falsifiable? (<https://groups.io/g/AAT/message/45821?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1940,64963116)

But, if they were simply foraging (diving/swimming) in the water, streamlining (losing the bits that cause drag) would not be much of an advantage ... Possibly, we are not discussing the same thing, t

By m3dodds · #45821 · 4/03/08

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Let's get our habitat terminology right (<https://groups.io/g/AAT/message/45820?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1940,64963257)

Hardy's use of aquatic ... was an unfortunate but understandable choice of words, at the time. Littoral or waterside ... which is the right habit terminology? (leaving to one side, the weak option of

By m3dodds · #45820 · 4/03/08

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AAT falsifiable? (<https://groups.io/g/AAT/message/45810?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1940,64963116)

Most reputable PAs are edging(albeit - slowly) away from the discredited 'savanna hypotheses' ... being human ... a lot of face-saving is involved. O.K. Though to be honest ... I don't think there is

By m3dodds · #45810 · 4/02/08

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AAT falsifiable? (<https://groups.io/g/AAT/message/45801?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1940,64963116)

Its their problem ... I would simply reiterate: that the presence of a relatively large brain in human savanna dwellers proves the waterside hypotheses is correct ... The Maasai, it should be pointed

By m3dodds · #45801 · 4/01/08

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AAT falsifiable? (<https://groups.io/g/AAT/message/45786?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1940,64963116)

Ostrich shells, if that is all they have then the onus is definitely on them ... It is extremely doubtful IMO that a short legged furry wobbly kneed a'pith, would have fared long enough on the open pl

By m3dodds · #45786 · 3/31/08

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AAT falsifiable? (<https://groups.io/g/AAT/message/45776?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1960,64963116)

As said, the onus is on them not us ... Savanna a'piths ... 2.5 mya? Proves nowt ... [3] Not all hominids are direct ancestors ... Homo erectus... Homo heid? Changes to skull shape(smaller jaws)could

By m3dodds · #45776 · 3/30/08

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AAT falsifiable? (<https://groups.io/g/AAT/message/45774?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1960,64963116)

A'piths ... A.habilis? [quote] Previously, the hominid homo habilis was thought to have evolved into the more advanced Homo erectus, which evolved into us. Now, habilis and erectus are thought to be s

By m3dodds · #45774 · 3/30/08

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AAT falsifiable? (<https://groups.io/g/AAT/message/45771?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1960,64963116)

Maasai ... are AMH (Modern humans). (unless some PA has dug up 2.5 mya old Maasai) How old were the fossils ? Finding genus Homo fossils (from the last 2 my) ... in cave stacked to the roof with ostri

By m3dodds · #45771 · 3/30/08

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AAT falsifiable? (<https://groups.io/g/AAT/message/45766?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1960,64963116)

Yes. There are humans today with large brains and iodine needs, who do run after kudus on the savanna, but they too are the descendants of

a waterside precursor. As said the onus is on anti-AATers to  
By m3dodds · #45766 · 3/30/08

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AAT falsifiable? (<https://groups.io/g/AAT/message/45752?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1960,64963116)

Marc (all) - Where it says AATers, in my response... your post, I mean anti-AATers ... ---m3d

By m3dodds · #45752 · 3/29/08

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AAT falsifiable? (<https://groups.io/g/AAT/message/45750?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1960,64963116)

Would tend to disagree(it is not difficult) ... only the first counts, the remainder are secondary( best left to AATers ... to tie themselves in knots questioning). Whereas the first is clear evidenc

By m3dodds · #45750 · 3/29/08

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H.ancestor in Europe 1.2 Ma? (<https://groups.io/g/AAT/message/45731?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1960,64963065)

<http://news.nationalgeographic.com/news/2008/03/080326-first-european.html> If H.ancestor is dated to 1.2 - 1.3 mya in Europe, it could be older if it originated in Africa ... H.heid remains a possible an

By m3dodds · #45731 · 3/27/08

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Bridge to Dmanisi (<https://groups.io/g/AAT/message/45727?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1960,64963071)

[quote] Carbonell's team has tentatively classified the new fossil as representing an earlier example of Homo ancestor. And, critically, the team says the new one also bears similarities to much-old

By m3dodds · #45727 · 3/27/08

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Language Feature Unique To Human Brain Identified (<https://groups.io/g/AAT/message/45726?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1960,64963023)

[http://scienceblogs.com/neurophilosophy/2008/03/imaging\\_language\\_evolution.php](http://scienceblogs.com/neurophilosophy/2008/03/imaging_language_evolution.php) An image is worth a thousand words ... Thanks for the link, DD. ---m3d

By m3dodds · #45726 · 3/27/08

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H.ancestor in Europe 1.2 Ma? (<https://groups.io/g/AAT/message/45725?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1960,64963065)

<http://news.nationalgeographic.com/news/2008/03/080326-first-european.html> Good to see the date confirmed at 1.2 million years ago, it would fit with the given dates(1.5 mya) of stone tools found in F

By m3dodds · #45725 · 3/27/08

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apith hyoids cf.apes (<https://groups.io/g/AAT/message/45717?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1960,64962978)

Yes. But some would make no distinction between H.heid and H.ancestor (being morphologically similar) arguing they are one and the same. H.heid ... had a relatively large brain ... (1100-1400 cc) an

By m3dodds · #45717 · 3/26/08

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Language Feature Unique To Human Brain Identified (<https://groups.io/g/AAT/message/45716?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1960,64963023)

<http://www.sciencedaily.com/releases/2008/03/080323210220.htm> Granted, it may have already been known, but using diffusion tensor imaging they now have non-invasive method of seeing how evolution has

By m3dodds · #45716 · 3/26/08

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apith hyoids cf.apes (<https://groups.io/g/AAT/message/45702?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1960,64962978)

It may be difficult to identify a particular fossil precursor to H.n/H.s (which one was the LCA ), but it is likely to have been similar to H.heidelb if not actually H.heidelb ... ---m3d

By m3dodds · #45702 · 3/25/08

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Language Feature Unique To Human Brain Identified (<https://groups.io/g/AAT/message/45701?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1960,64963023)

[quote] Researchers - at the Yerkes National Primate Research Center, Emory University, have identified a language feature unique to the human brain that is shedding light on how human language evolve

By m3dodds · #45701 · 3/25/08

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Confirmation : Hn parttime divers (<https://groups.io/g/AAT/message/45700?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1960,64962995)

humans less thoraces factor. Pachyostosis, being robust(heavy built)? Would speculate that all "archaic" Homo, were occasional parttime divers (shallow water divers) if they were coastal or lived near

By m3dodds · #45700 · 3/25/08

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Confirmation : Hn parttime divers (<https://groups.io/g/AAT/message/45691?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1960,64962995)

sterna. adaptation isolated have and two their living deep and recent significantly thoracic results Would this adaptation have been unique to H.n, or shared with with H.s (H.n an H.s having a common

By m3dodds · #45691 · 3/24/08

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apith hyoids cf.apes (<https://groups.io/g/AAT/message/45690?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1960,64962978)

H.n/H.s last common ancestor ... Homo heidelbergensis ? (H.antecessor) <http://www.archaeologyinfo.com/homoheidelbergensis.htm> ---m3d Human hyoid bones from the middle Pleistocene site of the Sima de I

By m3dodds · #45690 · 3/24/08

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Orrorin: bipedal apith ancestor? (<https://groups.io/g/AAT/message/45658?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1960,64962888)

--- In AAT@..., "Don" <shux2k@...> wrote: Thanks, Don, DD. ---m3d > Here's a very similar and related story: > > Upright Walking Began 6 Million Years Ago > <http://www.newswise.com/article>

By m3dodds · #45658 · 3/21/08

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Whale evolution: The blowhole (<https://groups.io/g/AAT/message/45657?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1960,64962843)

Humans have a much smaller mouth, a more external nose and a flatter face, than that of the other six apes. Structural basis of the upper lip... 'The structural basis of the philtrum and the contour o

By m3dodds · #45657 · 3/21/08

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Whale evolution: The blowhole (<https://groups.io/g/AAT/message/45654?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1960,64962843)

"...man, the 2 skins vaulted dental & "Ramapith" ancestor as for bringing the The philtrum ... is simply the groove(junction) formed where two processes meet during embryonic development. In other wor

By m3dodds · #45654 · 3/21/08

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OT: Pictish Pygmies of the Isles? (<https://groups.io/g/AAT/message/45634?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1980,64962828)

Don't think so,DD. Least not as far as I know on our shores, then again sea levels have risen in the last six thousand years ... Burial practices(Europe) Palaeolithic to Medieval: <http://www.spoilheap>

By m3dodds · #45634 · 3/20/08

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D'Errico on Neandertal language (John Hawks) (<https://groups.io/g/AAT/message/45633?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1980,64962789)

Traits exapted for speech 0.8 - 0.6 mya ? As said, the onus is on those who say H.n. could not speak ... H.n /H.s LCA - Homo antecessor? Neanderthal/Sapiens divergence: News release(lengthy)Berkeley L

By m3dodds · #45633 · 3/20/08

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D'Errico on Neandertal language (John Hawks) (<https://groups.io/g/AAT/message/45620?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1980,64962789)

There are differences between Human and chimp signing ... Would say otherwise as it is likely that language as such, an our abilities for speech have evolved a little in the last few hundred thousand

By m3dodds · #45620 · 3/19/08

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OT: Pictish Pygmies of the Isles? (<https://groups.io/g/AAT/message/45619?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1980,64962828)

Think your mixing myth(Roman)with fact, DD. (Picts - Mesolithic) Scotland's First Settlers <http://www.historyscotland.com/features/firstsettlers.html> ---m3d

By m3dodds · #45619 · 3/19/08

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D'Errico on Neandertal language (John Hawks) (<https://groups.io/g/AAT/message/45600?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1980,64962789)

Think D'Errico's argument, is that the use of symbolism = language. As for H.n an language, the onus is on those who deny that Neanderthals

spoke to come up with the evidence ... H.n - H.s shared a co  
By m3dodds · #45600 · 3/18/08

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### D'Errico on Neandertal language (John Hawks) (<https://groups.io/g/AAT/message/45599?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1980,64962789)

Well the date of 0.8 mya could simply represent too, the point, at which the common ancestor of H.neanderthal and H.sapiens split from H.erectus ... with H.neanderthal an H.sapiens going their separat

By m3dodds · #45599 · 3/18/08

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### D'Errico on Neandertal language (John Hawks) (<https://groups.io/g/AAT/message/45591?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1980,64962789)

[quote] Neanderthals had language comparable to that of Homo sapiens, Bordeaux-based archaeologist Francisco D'Errico told participants in the Evolang conference in Barcelona this morning (Saturday, M

By m3dodds · #45591 · 3/17/08

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### OoA twice? (<https://groups.io/g/AAT/message/45587?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1980,64962767)

This reads like another desperate bid to shore-up the crumbling 'out of Africa' hypotheses ... ---m3d wave of possibly a suggests a group, it's earlier Sciences at Neanderthals, Europe, measurements o

By m3dodds · #45587 · 3/17/08

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### Fossil Evidence of Speech? (<https://groups.io/g/AAT/message/45586?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1980,64962746)

A shore based diet's difference from that of other apes in the forest, modified(exadapted) the shape of the human hyoid bone? (made swallowing/feeding easier) Good point ... The presence of the hyoid

By m3dodds · #45586 · 3/17/08

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### The joy of sacs (<https://groups.io/g/AAT/message/45585?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1980,64962757)

Marc It was the date quoted in what Bart de Boer had to say that caught my initial interest ... 800,000 years ago, could be when the common ancestor of Homo neanderthal an Homo sapiens split from Homo

By m3dodds · #45585 · 3/17/08

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### Fossil Evidence of Speech? (<https://groups.io/g/AAT/message/45566?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1980,64962746)

Lack of air sacs, fossil evidence of the evolution of speech ... [quote] Dutch linguist Bart de Boer has looked into the question of whether the absence of air sacs in humans has something to do with

By m3dodds · #45566 · 3/16/08

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### Flores monkey? (<https://groups.io/g/AAT/message/45565?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1980,64934370)

Hobbit as a Monkey [http://scienceblogs.com/loom/2005/10/27/hobbit\\_as\\_monkey.php](http://scienceblogs.com/loom/2005/10/27/hobbit_as_monkey.php)

\*[http://www.corante.com/loom/archives/2005/10/27/hobbit\\_as\\_monkey.php](http://www.corante.com/loom/archives/2005/10/27/hobbit_as_monkey.php) a new <<http://www.corante.com/loom/archives/2005/>

By m3dodds · #45565 · 3/16/08

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### Flores monkey? (<https://groups.io/g/AAT/message/45564?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1980,64934370)

<http://scienceblogs.com/loom/> -----m3d

By m3dodds · #45564 · 3/16/08

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### Turkish qpeds, wrist, Flores (<https://groups.io/g/AAT/message/45559?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1980,64962706)

Thanks, DD. It's one of his best blogs ... ---m3d

By m3dodds · #45559 · 3/16/08

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### Mutatons in VLDLR gene in the Quadrupeds from Turkey (<https://groups.io/g/AAT/message/45546?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1980,64962703)

A follow up to the fuss, there was a couple of years ago about the quadrupedal siblings in Turkey ... Mutatons in VLDLR gene in the Quadrupeds from Turkey Anthropology.net <http://tinyurl.com/22wrtj> Mu

By m3dodds · #45546 · 3/15/08

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### Swiss fishing, boating (<https://groups.io/g/AAT/message/45545?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1980,64962677)

[http://www.red-wing.org/index.php?module=pagemaster&PAGE\\_user\\_op=view\\_page&PAGE\\_id=127](http://www.red-wing.org/index.php?module=pagemaster&PAGE_user_op=view_page&PAGE_id=127) Possibly thick ice would make the task of pile driving even more difficult ... The following from a BBC History,  
By m3dodds · #45545 · 3/15/08

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Swiss fishing, boating (<https://groups.io/g/AAT/message/45543?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1980,64962677)

Having visited the one mentioned, I can say they were/are sturdy structures. Considering that some of them were built more than 5,000 years ago, you have to wonder how they managed to drive the wooden

By m3dodds · #45543 · 3/15/08

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Swiss fishing, boating (<https://groups.io/g/AAT/message/45534?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1980,64962677)

Crannogs - houses built on wooden piles, or on artificial islands created from rocks ... out in a loch(lake). <http://tinyurl.com/2olmoz> ---m3d technique described built stakes meant it used by explain

By m3dodds · #45534 · 3/14/08

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Mammoth hunters and Mongol herders from Baikal (<https://groups.io/g/AAT/message/45522?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1980,64962626)

On rivers,DD ... Marc in his post mentions the Lena river, don't know if you know but its source is just six or seven km west of Lake Baikal ... it flows north-east from the lake ... before turning no

By m3dodds · #45522 · 3/13/08

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Mammoth hunters and Mongol herders from Baikal (<https://groups.io/g/AAT/message/45521?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,1980,64962626)

lactose/alcohol Native 21ka, Both the Yana and the Lena river have massive deltas, possibly the Lena area is yet to be investigated ... Jenesis river? One intriguing aspect of the Lena river is that i

By m3dodds · #45521 · 3/13/08

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Mammoth hunters and Mongol herders from Baikal (<https://groups.io/g/AAT/message/45516?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2000,64962626)

Might be more than speculation, in some respects if you were to include the Yana river. It flows northward, and has something like 40,000 lakes in its basin ... Mentioning it ... as it might fit with y

By m3dodds · #45516 · 3/13/08

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Iodine deficiency: sweat, exercise (<https://groups.io/g/AAT/message/45498?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2000,64962439)

Salmon? Have you never eaten a kipper? (you should try one ... the bones aren't a problem once you've eaten a few) Kippers(herring, preserved by smoking) are still eaten here(mainly for breakfast), th

By m3dodds · #45498 · 3/12/08

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Iodine deficiency: sweat, exercise (<https://groups.io/g/AAT/message/45492?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2000,64962439)

Where the Himalayas reach for the sky today, was once part of southern coast of Asia, before a chunk of Africa(India) collided with Asia(some say that Elephants 'sailed' northwards from Africa, on the

By m3dodds · #45492 · 3/12/08

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Iodine deficiency: sweat, exercise (<https://groups.io/g/AAT/message/45480?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2000,64962439)

Along a trade route, migration route east and west? An excellent site, DD. You may be interested in this (lengthy) article on human (H.s.s) settlement and migration that uses some linguistic evidence,

By m3dodds · #45480 · 3/11/08

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"Hobbit" sized remains excavated in Micronesia, too? (<https://groups.io/g/AAT/message/45479?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2000,64962555)

Discovery Challenges Finding of a Separate Human Species By JOHN NOBLE WILFORD Published: March 11, 2008 More bones of unusually small-bodied people who lived long ago have been found on another Pacif

By m3dodds · #45479 · 3/11/08

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Iodine deficiency: sweat, exercise (<https://groups.io/g/AAT/message/45468?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2000,64962439)

--- In AAT@..., "DDeden" <alas\_my\_loves@...> wrote: Thanks, DD. > Thanks m3d, > > thinking on the success of Genghis Khan's Mongols, I wonder > if they had had the lactose-tolerant genes,

By m3dodds · #45468 · 3/10/08

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Iodine deficiency: sweat, exercise (<https://groups.io/g/AAT/message/45449?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2000,64962439)

Wouldn't a temperate or seasonal climate be less of a problem... say for example the climate of the Caucasus, central Asia, China and possibly too ... a wetter (cooler) Afar 2 Ma? IDD would seem to rule

By m3dodds · #45449 · 3/09/08

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Iodine deficiency: sweat, exercise (<https://groups.io/g/AAT/message/45427?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2000,64962439)

It is more proof if any was needed that endurance running, is a real dumb idea away from the shore (the beach). Thanks, DD. ... an excellent article. (Electrolyte Loss in Sweat and Iodine Deficiency in

By m3dodds · #45427 · 3/08/08

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18ka Scottish polar bear (<https://groups.io/g/AAT/message/45425?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2000,64962424)

[http://news.bbc.co.uk/2/hi/uk\\_news/scotland/highlands\\_and\\_islands/7279462.stm](http://news.bbc.co.uk/2/hi/uk_news/scotland/highlands_and_islands/7279462.stm) > Probably was not a cave snack for early Scots, but could indicate polar bears once ranged wider than they do today. More

By m3dodds · #45425 · 3/08/08

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Latest "Hobbits as Sick Humans" attack... (<https://groups.io/g/AAT/message/45415?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2000,64962352)

Are the small human-like fossils found on Flores human endemic cretins? Peter J. Obendorf, Charles E. Oxnard, Ben J. Kefford Royal Society Tuesday, March 04, 2008 <http://journals.royalsociety.org/cont>

By m3dodds · #45415 · 3/07/08

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Latest "Hobbits as Sick Humans" attack... (<https://groups.io/g/AAT/message/45414?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2000,64962352)

Would say its more a question of what's being eaten (diet), than where someone lives. IDD can occur almost anywhere. (Tasmania is another island, with persistent IDD) Human cost of IDD <http://www.sph>.

By m3dodds · #45414 · 3/07/08

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ABSTRACT : (Re: Fwd: Latest "Hobbits as Sick Humans" attack...) (<https://groups.io/g/AAT/message/45407?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2000,64962414)

By m3dodds · #45407 · 3/06/08

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Latest "Hobbits as Sick Humans" attack... (<https://groups.io/g/AAT/message/45406?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2000,64962352)

You can live on an island, eat fish and still have IDD (iodine-deficiency) ... As islanders do get IDD even where fish, is part of the diet ... [quote] ... The inadequate intake of iodine documented in

By m3dodds · #45406 · 3/06/08

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Latest "Hobbits as Sick Humans" attack... (<https://groups.io/g/AAT/message/45386?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2000,64962352)

[quote] Combatting a bid to have the hobbits enshrined as a separate branch of the human family tree, they argue the tiny cave-dwellers were simply Homo sapiens who became stunted and retarded as a re

By m3dodds · #45386 · 3/05/08

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Latest "Hobbits as Sick Humans" attack... (<https://groups.io/g/AAT/message/45385?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2000,64962352)

E. Saptomo, R. Due, The a'piths also climbed, an Hawks argues in his blog that the wrists bones of "hf" are similar to that of OH 7 ... which some would argue was more a'pith ... than Homo. Probably if

By m3dodds · #45385 · 3/05/08

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Latest "Hobbits as Sick Humans" attack... (<https://groups.io/g/AAT/message/45382?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2000,64962352)

The questions will continue until the question is resolved one way or the other ... John Hawks blog on two recent papers on this issue: (1) "Allometric Scaling of Craniofacial Shape: Implications for

By m3dodds · #45382 · 3/05/08

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Toumai ... A "new" date (<https://groups.io/g/AAT/message/45367?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2000,64962252)

The Eosahabi river once flowed north from Lake Chad through Libya, to reach the Mediterranean sea ... Aren't the anthracothere, supposed to have been the missing link between whales and hippos? Doubt

By m3dodds · #45367 · 3/03/08

Re : Sorry (<https://groups.io/g/AAT/message/45359?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2000,64962302)

Thanks ... ---m3d

By m3dodds · #45359 · 3/02/08

living by the coast. (<https://groups.io/g/AAT/message/45358?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2000,64962298)

down in my unregenerate days before I learned to record sources. so it's not all that useful. surface made up of narrow coastal strips. In these strips the density of population was 77 people per sq.

By m3dodds · #45358 · 3/02/08

Toumai ... A "new" date (<https://groups.io/g/AAT/message/45353?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2000,64962252)

You may find this 2002 article(in Nature) of some interest ... as it gives some idea of the location in Chad where Toumai was found(including fauna and flora), it also includes a map giving an idea of

By m3dodds · #45353 · 3/02/08

Toumai ... A "new" date (<https://groups.io/g/AAT/message/45349?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2020,64962252)

A clock is something that is supposed to be reasonably accurate... see: <http://focus.aps.org/story/v20/st9> Simply walking on two legs(biped), does not make it (or any other hominid) a direct ancestor.

By m3dodds · #45349 · 3/02/08

Toumai ... A "new" date (<https://groups.io/g/AAT/message/45347?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2020,64962252)

argillaceous ... (containing clay, or clay like)and pelites(sedimentary rock, made of fine particles)... ancient river beds, lake shores, estuaries? -

---m3d  
By m3dodds · #45347 · 3/02/08

Toumai ... A "new" date (<https://groups.io/g/AAT/message/45344?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2020,64962252)

It does seem to be more about the inflated ego's of PAs than anything else. Agree. [quote] ...The radiochronological data concerning Sahelanthropus tchadensis (Toumai, TM 266) reported here is an impo

By m3dodds · #45344 · 3/02/08

Toumai ... A "new" date (<https://groups.io/g/AAT/message/45327?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2020,64962252)

New Date on Sahelanthropus tchadensis and Australopithecus bahrelghazali (Afarensis) <http://tinyurl.com/3dz6s3> 6.8 - 7.2 Ma? What's new? It was thought to be older than 6 Ma when first discovered in C

By m3dodds · #45327 · 3/01/08

Kudu talk (<https://groups.io/g/AAT/message/45312?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2020,64962184)

Isn't that the solution to thermoregulation, the cetaceans adopted? (staying in the water) ---m3d

By m3dodds · #45312 · 2/28/08

Kudu talk (<https://groups.io/g/AAT/message/45309?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2020,64962184)

platforms heats up. We can hypothermia temperature essential, relieve Not surprising, humans are not natural marathon runners nor runners ... in general. sweat: of the extra too much absorbs it interi

By m3dodds · #45309 · 2/28/08

Sweatology: An efficient human cooling system (<https://groups.io/g/AAT/message/45293?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2020,64962173)

"[quote]...It is plain old unglamorous sweat that has made humans what they are today," writes the evolutionary anthropologist Nina Jablonski in her recent book "Skin." "Without plentiful sweat glands

By m3dodds · #45293 · 2/27/08

FW: Waterside Ape (<https://groups.io/g/AAT/message/45284?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2020,64962129)

By m3dodds · #45284 · 2/26/08

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First to Walk Out of Africa (<https://groups.io/g/AAT/message/45283?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2020,64962002)

Less if you date H from the emergence of H. erectus. Would say the H.n/H.s branch split from H. ergaster ... 700,000 (800,000?) years ago. OK Agree. There are difficulties too in making comparisons, wit

By m3dodds · #45283 · 2/26/08

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First to Walk Out of Africa (<https://groups.io/g/AAT/message/45253?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2020,64962002)

Possibly less mobile between 4 - 3 Ma, but relatively mobile (on the move) between 3 - 2 Ma ? Agree ... More doubt, that it is Homo. Wrist bones: evidence that it is not Homo? "...This evidence indica

By m3dodds · #45253 · 2/25/08

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Afar details (<https://groups.io/g/AAT/message/45252?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2020,64962075)

A photo of Awash river, an surrounding area, it does look like a river delta emptying into the Red sea... (it also shows, Omo Natl.park and Lake Turkana) <http://tinyurl.com/yruzdy> ---m3d style India.

By m3dodds · #45252 · 2/25/08

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Afar details (<https://groups.io/g/AAT/message/45246?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2020,64962075)

A geologically unstable area, with volcanoes, our ancestors really must have had a thing for (living near) volcanoes... ---m3d

By m3dodds · #45246 · 2/24/08

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First to Walk Out of Africa (<https://groups.io/g/AAT/message/45241?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2020,64962002)

H.e? = Homo erectus ... H.e as such? "as such"(usage) = being exactly what is mentioned or suggested ... as in: "she was French and behaved as such" ----- Possibly the importance put on

By m3dodds · #45241 · 2/24/08

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First to Walk Out of Africa (<https://groups.io/g/AAT/message/45240?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2020,64962002)

Thanks, for the link. Would appear the merged version in humans contains the same info, but rearranged. More on human chromosome.2 ... from 2005, it mentions that the merger(may have) occurred in Homo

By m3dodds · #45240 · 2/24/08

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First to Walk Out of Africa (<https://groups.io/g/AAT/message/45237?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2020,64962002)

Would depend when the mutation occurred ... Merged, human chromosome.2 ? ---m3d

By m3dodds · #45237 · 2/24/08

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First to Walk Out of Africa (<https://groups.io/g/AAT/message/45235?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2020,64962002)

Some reasons being, that Chinese PA claim an independent origin for H.s in Asia (China) ... the possibility that H. erectus as such, may simply have originated outside of Africa. Which would put our sh

By m3dodds · #45235 · 2/24/08

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Eastern Celts of Tarim, mummies of Xian (Xinjiang) (<https://groups.io/g/AAT/message/45220?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2020,64961947)

It certainly is a complicated tapestry of languages and peoples, one that would be difficult to unpick. Not following DD, Greek an Sanskrit are languages still used today. Though Tocharian can said to

By m3dodds · #45220 · 2/23/08

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First to Walk Out of Africa (<https://groups.io/g/AAT/message/45211?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2020,64962002)

Where soils are concerned, it has something to do with increased mineral content ... ref: <http://tinyurl.com/38f3km> Possibly for H. erectus an the like, the rich verdant growth found in the vicinity of

By m3dodds · #45211 · 2/23/08

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First to Walk Out of Africa (<https://groups.io/g/AAT/message/45210?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2020,64962002)

Agree. All Dmanisi, Riwat and Longgupo tell us, is that Homo had left Africa ... ---m3d

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First to Walk Out of Africa (<https://groups.io/g/AAT/message/45205?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2020,64962002)

You could equally argue, that volcanic ash(wet when the footprints were made) preserves footprints better than mud. On the other hand, one of the attractions of areas where volcanoes are found, is a f

By m3dodds · #45205 · 2/23/08

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First to Walk Out of Africa (<https://groups.io/g/AAT/message/45203?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2040,64962002)

?? ... isn't that what they are saying? The 'upright spine' makes the latter a possibility, whether its made full use of is a different question ...

Birds have the capacity for flight, but some specie

By m3dodds · #45203 · 2/23/08

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First to Walk Out of Africa (<https://groups.io/g/AAT/message/45199?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2040,64962002)

"So conclude paleontologists examining the partial skeletons of a group of four individuals who died in what is now the Republic of Georgia nearly 1.8 million years ago. Their remains -- the earliest

By m3dodds · #45199 · 2/23/08

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Eastern Celts of Tarim, mummies of Xian (Xinjiang) (<https://groups.io/g/AAT/message/45198?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2040,64961947)

--- In AAT@..., "DDeden" <alas\_my\_loves@...> wrote: Would conclude from this fascinating piece on the Tarmin mummies, DD, that contact between east and west was established, long before th

By m3dodds · #45198 · 2/23/08

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Littoral pathway: Okavango -> Monte Verde? (<https://groups.io/g/AAT/message/45197?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2040,64961815)

Possibly the answer, lies on the south side of the Himalayas ... the 'Tethys corridor'. Instead of trekking south-east to Riwat from Dmanisi and then north again, possibly their route simply continued

By m3dodds · #45197 · 2/23/08

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Eyespots: conspicuous (<https://groups.io/g/AAT/message/45162?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2040,64961928)

They could be right is arguing that the are merely conspicuous features ... Humans(the human eye) may interpret them as 'eyespots' ... but that may not be the case for other species. ---m3d

By m3dodds · #45162 · 2/21/08

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China finds 100,000-year-old human skull (<https://groups.io/g/AAT/message/45161?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2040,64961917)

This is the news release in Nat.Geo yesterday, it doesn't read all that different from the one a month ago ... <http://tinyurl.com/yp2ef2> Agree, DD. ---m3d

By m3dodds · #45161 · 2/21/08

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Human culture, is subject to natural selection (<https://groups.io/g/AAT/message/45156?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2040,64961923)

The process of natural selection can act on human culture as well as on genes, a new study finds. Scientists at Stanford University have shown for the first time that cultural traits affecting surviva

By m3dodds · #45156 · 2/21/08

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China finds 100,000-year-old human skull (<https://groups.io/g/AAT/message/45154?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2040,64961917)

An almost complete human skull dating back 80,000 to 100,000 years has been unearthed in central China, state media reported Wednesday. The skull, consisting of 16 pieces, was dug up last month after

By m3dodds · #45154 · 2/21/08

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Littoral pathway: Okavango -> Monte Verde? (<https://groups.io/g/AAT/message/45148?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2040,64961815)

Thanks, DD. Clearly if these routes east were open for Homo sapiens to exploit, they were there for Homo erectus ... They may also have been lot more favourable 2 million years ago for Homo erectus, i

By m3dodds · #45148 · 2/20/08

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OT: Extraordinary photos (<https://groups.io/g/AAT/message/45146?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2040,64961894)

By m3dodds · #45146 · 2/20/08

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2 new publications :-) (<https://groups.io/g/AAT/message/45132?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2040,64961740)

Marc Saving a file as rtf, is said to cause less problems for other users, but is not usually recommended for files with lots of formatting.

Possibly one of the ways to avoid cross platform problems a

By m3dodds · #45132 · 2/19/08

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Littoral pathway: Okavango -> Monte Verde? (<https://groups.io/g/AAT/message/45129?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2040,64961815)

[http://www.history.upenn.edu/coursepages/hist086/material/tarim\\_basin.gif](http://www.history.upenn.edu/coursepages/hist086/material/tarim_basin.gif) Intriguing ... thanks,DD. ---m3d Karakoram Pass

[http://en.wikipedia.org/wiki/Karakoram\\_Pass](http://en.wikipedia.org/wiki/Karakoram_Pass) Tarim basin <http://en.wikipedia.org>

By m3dodds · #45129 · 2/19/08

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2 new publications :-) (<https://groups.io/g/AAT/message/45128?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2040,64961740)

filmbestand." ?? No idea, Marc ... I use Open Office, an it had no problems opening any of the three files I downloaded. ---m3d

By m3dodds · #45128 · 2/19/08

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DHA & human evolution - A rebuttal (<https://groups.io/g/AAT/message/45114?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2040,64961821)

Nope(no), the AH is something I took more of an interest in after being forced to retire from work, following a stroke(cerebrovascular accident).

Also I think my view of AH does not conform, to that o

By m3dodds · #45114 · 2/18/08

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DHA & human evolution - A rebuttal (<https://groups.io/g/AAT/message/45112?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2040,64961821)

No. Excuse the error. That bit, should not have been included, when I posted a copy of the Cunnane rebuttal to Carlson and Kingston. ---m3d

By m3dodds · #45112 · 2/18/08

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DHA & human evolution - A rebuttal (<https://groups.io/g/AAT/message/45110?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2040,64961821)

Am J Hum Biol. 2007 Jun 1;19 (4):578-581 17546620 Docosaehexaenoic acid and shore-based diets in hominin encephalization: A rebuttal.

[My paper] Stephen C Cunnane , Mélanie Plourde , Kathy Stewart , Mi

By m3dodds · #45110 · 2/18/08

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DHA & human evolution (<https://groups.io/g/AAT/message/45109?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2040,64961806)

--- In AAT@..., Marc Verhaegen <m\_verhaegen@...> wrote: Thanks, Marc. The benefits our ancestors gained from foraging on the shore more than two million years ago, are the best evidence th

By m3dodds · #45109 · 2/18/08

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2 new publications :-) (<https://groups.io/g/AAT/message/45099?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2040,64961740)

What was the difficulty? I downloaded both a copy of 'New Directions... ' and 'The Original Econiche of Genus Homo: Open Plain or Waterside?' Both downloaded, and opened without problem. ... no proble

By m3dodds · #45099 · 2/17/08

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2 new publications :-) (<https://groups.io/g/AAT/message/45090?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2040,64961740)

Thanks for adding these to the files, Marc. (no problems, downloading or opening) ---m3d

By m3dodds · #45090 · 2/17/08

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Pan to Homo (<https://groups.io/g/AAT/message/45067?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2040,64961628)

Condensed packages of DNA,inheritable. Can be likened to a complete instruction manual for a cell. As to why some have more some less chromosomes, at a guess like manuals in general ... some manuals a

By m3dodds · #45067 · 2/16/08

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Dmanisi map, pics (<https://groups.io/g/AAT/message/45057?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2060,64961694)

Refilled a bit earlier, at 5.33 mya. See: <http://tinyurl.com/2d8o75> Possibly there were marshes and lakes, marshes and lakes that encouraged

the hominids eastward. Think you are right about the Tarim

By m3dodds · #45057 · 2/16/08

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Dmanisi map, pics (<https://groups.io/g/AAT/message/45054?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2060,64961694)

It does, that. More background, on the Black and Caspian seas: <http://library.thinkquest.org/C0112209/HTML/HISTORY.html> The seas seemed to have been physically linked more than a few times. One of the

By m3dodds · #45054 · 2/16/08

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Pan to Homo (<https://groups.io/g/AAT/message/45052?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2060,64961628)

<http://primatology.net/2007/02/24/reassessing-the-time-at-which-human-chimp-> Question: Which chromosome are you referring too. Human chromosome.2 ? ---m3d of these pairs (Pan Gorilla biological specie

By m3dodds · #45052 · 2/16/08

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Dmanisi map, pics (<https://groups.io/g/AAT/message/45051?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2060,64961694)

Great map. Thanks, DD. ---m3d

By m3dodds · #45051 · 2/16/08

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Pan to Homo (<https://groups.io/g/AAT/message/45050?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2060,64961628)

List of the number of chromosomes of various organisms. <http://tinyurl.com/2omj2m>

By m3dodds · #45050 · 2/16/08

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Gorillas Caught in Very Human Act (<https://groups.io/g/AAT/message/45025?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2060,64961631)

"The female in the photograph, Leah, also made news in 2005 when she became the first of her kind spotted using tools. Researchers watched her use a stick to test the depth of a pool of water before w

By m3dodds · #45025 · 2/14/08

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Some Differences Between Humans And Chimps Traced To Diet (<https://groups.io/g/AAT/message/45023?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2060,64961105)

Possibly. Another piece of research published last year, suggests that upright walking began up in the trees, up in the forest canopy - based on a year long study of how Orang-utans move through the t

By m3dodds · #45023 · 2/14/08

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water in words (<https://groups.io/g/AAT/message/45007?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2060,64961291)

Good points, DD. Could be, all speech/language is tonal in origin. ---m3d Korean and Lapps? differently.

By m3dodds · #45007 · 2/13/08

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water in words (<https://groups.io/g/AAT/message/45006?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2060,64961291)

An indication that written language has become divorced from its tonal origins? (in the west) ---m3d

By m3dodds · #45006 · 2/13/08

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water in words (<https://groups.io/g/AAT/message/44993?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2060,64961291)

A random thought - DD. Some eastern languages, are tonal based (ones where pitch, can change the meaning of a word) what if the changes in the bones of the ear ... a few hundred thousand years ago wer

By m3dodds · #44993 · 2/12/08

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Some Differences Between Humans And Chimps Traced To Diet (<https://groups.io/g/AAT/message/44979?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2060,64961105)

Personally I would put primates on the shore, and foraging in water any time in last twenty million years, but as we are specifically discussing our own species I would narrow that down to between two

By m3dodds · #44979 · 2/12/08

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water in words (<https://groups.io/g/AAT/message/44955?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2060,64961291)

No problem, DD. Are you trying construct, a link, in language terms between coastal peoples? ---m3d after

By m3dodds · #44955 · 2/11/08

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Some Differences Between Humans And Chimps Traced To Diet ([https://groups.io/g/AAT/message/44954?](https://groups.io/g/AAT/message/44954)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2060,64961105)

messages reply button to Try a limit of 70 characters in a line. ---m3d

By m3dodds · #44954 · 2/11/08

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Some Differences Between Humans And Chimps Traced To Diet ([https://groups.io/g/AAT/message/44953?](https://groups.io/g/AAT/message/44953)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2060,64961105)

shore eating raw shellfish Not exactly ... My point is that they probably arrived on the shore more than two million years ago, before the emergence of Homo erectus (or a possible precursor, to H.e).

By m3dodds · #44953 · 2/11/08

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water in words ([https://groups.io/g/AAT/message/44944?](https://groups.io/g/AAT/message/44944)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2060,64961291)

Water - in different languages ... <http://tinyurl.com/6tbdq> Click on the map... ---m3d

By m3dodds · #44944 · 2/10/08

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World prehistory: coastlines and human evolution ([https://groups.io/g/AAT/message/44931?](https://groups.io/g/AAT/message/44931)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2060,64961416)

Thanks, DD. Interesting paper, mainly on possible uses of coastal margins by H.s ... AAT does get a brief mention ... "The aquatic ape hypothesis first advanced by Sir Alister Hardy (1960) and later p

By m3dodds · #44931 · 2/10/08

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Some Differences Between Humans And Chimps Traced To Diet ([https://groups.io/g/AAT/message/44903?](https://groups.io/g/AAT/message/44903)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2060,64961105)

Good points, most would see starting a fire ... as mastering fire, an forget that is more a question of sustaining it over a period of hours, if not days. Feasible, but its likely, our shore ancestors

By m3dodds · #44903 · 2/09/08

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The Hyoid Bone - made us Human ([https://groups.io/g/AAT/message/44898?](https://groups.io/g/AAT/message/44898)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2060,64961185)

Atapuerca. The story of Atapuerca's early residents might well have remained hidden forever. But in the 1890s the Sierra Company, a British firm, began to build a railroad through the region. During c

By m3dodds · #44898 · 2/09/08

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MSC, Tethys, para-tethys ([https://groups.io/g/AAT/message/44888?](https://groups.io/g/AAT/message/44888)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2060,64961320)

Good link, DD. Though I too, would like to see it confirmed that the remnant of the Paratethys 'died' during the MSC ... otherwise it is a good summary of the MSC. A possible explanation for the diffe

By m3dodds · #44888 · 2/09/08

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Some Differences Between Humans And Chimps Traced To Diet ([https://groups.io/g/AAT/message/44871?](https://groups.io/g/AAT/message/44871)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2060,64961105)

Would say first fire use, was probably for heat, cooking probably came later. Possibly as means of making eating red-meat less risky an a bit more palatable. Would depend on far back 'fire' was first

By m3dodds · #44871 · 2/08/08

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The Hyoid Bone - made us Human ([https://groups.io/g/AAT/message/44869?](https://groups.io/g/AAT/message/44869)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2080,64961185)

Yes there are numerous fossils, however, the limestone caverns under the Atapuerca hills (Sierra de Atapuerca) where some of the fossils have been found, are as far as I know some considerable distanc

By m3dodds · #44869 · 2/08/08

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The Hyoid Bone - made us Human ([https://groups.io/g/AAT/message/44852?](https://groups.io/g/AAT/message/44852)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2080,64961185)

An the Spaniards, could also be right. <http://tinyurl.com/2nvpbf> ---m3d

By m3dodds · #44852 · 2/07/08

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The Hyoid Bone - made us Human ([https://groups.io/g/AAT/message/44840?](https://groups.io/g/AAT/message/44840)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2080,64961185)

Lowered hyoid in all, not impossible ... H.erectus, unknown ... but H.ergaster seems to be precursor, to those who spoke and those who use speech today. H.ergaster > H.antecessor > H.heidelbergensis >

By m3dodds · #44840 · 2/07/08

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Some Differences Between Humans And Chimps Traced To Diet (<https://groups.io/g/AAT/message/44837?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2080,64961105)

Agree, eating seafood made the difference( a step up in nutritional quality) ... Cooking, the use of fire, was possibly something our ancestors learnt to make red meat at least edible, if not palatable

By m3dodds · #44837 · 2/07/08

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The Hyoid Bone - made us Human (<https://groups.io/g/AAT/message/44836?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2080,64961185)

Thanks, DD. I agree, the first part of the article could easily be read that way ... though, it does go on to mention that it is the position (of the hyoid) that is significant in Man. (and the Neanderthal)

By m3dodds · #44836 · 2/07/08

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The Hyoid Bone - made us Human (<https://groups.io/g/AAT/message/44831?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2080,64961185)

What, source ?? DD ---m3d

By m3dodds · #44831 · 2/06/08

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The Hyoid Bone - made us Human (<https://groups.io/g/AAT/message/44823?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2080,64961185)

Our gift of the gab is all due to a small horseshoe-shaped bone suspended in the muscles of our neck, like a piece of fruit trapped in Jell-O.

The hyoid bone, which is the only bone in the body not connected to the skull

By m3dodds · #44823 · 2/06/08

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Some Differences Between Humans And Chimps Traced To Diet (<https://groups.io/g/AAT/message/44784?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2080,64961105)

wrote: <http://www.plosone.org/article/fetchArticle.action?articleURI=info:doi/10.1371/journal.pone.0001504> The authors themselves would agree with you, they too say further work is needed. However, it

By m3dodds · #44784 · 2/04/08

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Some Differences Between Humans And Chimps Traced To Diet (<https://groups.io/g/AAT/message/44780?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2080,64961105)

You Are What You Eat: Some Differences Between Humans And Chimpanzees Traced To Diet ScienceDaily (Feb. 3, 2008) — Using mice as models, researchers at the Max Planck Institute for Evolutionary Anthropology

By m3dodds · #44780 · 2/04/08

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Tectonics, tilt, mantle, planets (<https://groups.io/g/AAT/message/44762?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2080,64960700)

Sea ice formation, also increases the salinity of sea water. There is, in the shape of the GOC (great ocean conveyor) it is driven by density differences which in turn depend on temperature and salinity

By m3dodds · #44762 · 2/03/08

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Human Thermoregulation and Hair Loss (<https://groups.io/g/AAT/message/44728?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2080,64960986)

A highly effective mechanism, for the niche our ancestors once occupied ... "Human sweat is now hypotonic with active recovery of salt in the eccrine gland before sweat is secreted, in essence removing salt"

By m3dodds · #44728 · 2/02/08

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Human Thermoregulation and Hair Loss (<https://groups.io/g/AAT/message/44723?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2080,64960986)

Thermoregulation is an important consideration in human evolution. Humans have evolved an extremely efficient mechanism for evaporative cooling that is not seen in other closely related primate species

By m3dodds · #44723 · 2/02/08

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Tectonics, tilt, mantle, planets (<https://groups.io/g/AAT/message/44666?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2080,64960700)

zones aka One minor comment, Ken. Are you not underestimating, the role of those temperature differences... (thermohaline circulation). Is it not those differences in ocean water temperature( and salinity)

By m3dodds · #44666 · 1/30/08

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China hails "greatest discovery since Peking Man" (<https://groups.io/g/AAT/message/44634?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2080,64960708)

Would only add that coastal migrations, along 'coasts' now under water, would only have been possible during ice ages(the last peaked, 18,000 years ago)

about 20,000 years ago), on that basis H.s was probably the first  
By m3dodds · #44634 · 1/28/08

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Belief in Evolution - acceptance of the obvious (<https://groups.io/g/AAT/message/44631?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2080,64960777)

A international graph indicating, the % of the population accepting the obvious ... evolution. [http://www.p360.org/graph\\_group.aspx?](http://www.p360.org/graph_group.aspx?)

Graph\_Group\_Id=286 The majority in western Europe, appear to have no

By m3dodds · #44631 · 1/27/08

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China hails "greatest discovery since Peking Man" (<https://groups.io/g/AAT/message/44630?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2080,64960708)

Even if these skulls were dated close to 100,000 years ago, it would still reasonable to speculate that some members of H.sapiens could have reached the far east by coastal migration, not long after t

By m3dodds · #44630 · 1/27/08

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China hails "greatest discovery since Peking Man" (<https://groups.io/g/AAT/message/44602?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2080,64960708)

BEIJING (Reuters) - An almost complete human skull fossil that could date back 100,000 years has been unearthed in China, state media said on Wednesday, hailing it as the greatest discovery since Peki

By m3dodds · #44602 · 1/25/08

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New paper on waterside evolution (<https://groups.io/g/AAT/message/44601?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2080,64960681)

wrote: little publications to A quick (five second) online translation... German to English... would appear to indicate that this is little more than a pre Aaron Filler view of bipedalism ... an its o

By m3dodds · #44601 · 1/25/08

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Becoming Human ... 4 mya ? (<https://groups.io/g/AAT/message/44548?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2080,64960495)

Probably geographical isolation, like ending up on different sides of a river, or being isolated for a considerable period of time ... (or both) This whole area of ssp has more questions, than answers

By m3dodds · #44548 · 1/21/08

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Becoming Human ... 4 mya ? (<https://groups.io/g/AAT/message/44522?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2080,64960495)

Excellent summary ... DD. It fits neatly with the possibly of a P an H divergence(split)in Chad, near lake Chad, near where they found the fossils of Sahelanthropus tchadensis (toumai)... <http://wiki>.

By m3dodds · #44522 · 1/20/08

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Becoming Human ... 4 mya ? (<https://groups.io/g/AAT/message/44499?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2100,64960495)

Not impossible ... If they diverged in Chad, on the shores of a drying inland sea, the precursor of H could have headed to the east... while that of P headed south and further into the interior of the

By m3dodds · #44499 · 1/19/08

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Becoming Human ... 4 mya ? (<https://groups.io/g/AAT/message/44495?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2100,64960495)

Hobolth et al.(2007) found it was around 4 mya that the ancestor of Man, parted company with the ancestor of the chimpanzees ... ---m3d ---  
----- PLoS Genetics: Genomic Relatio

By m3dodds · #44495 · 1/19/08

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Early Hominid Predation (<https://groups.io/g/AAT/message/44479?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2100,64960407)

S.Afr.apiths & I have been reading what John Hawks has had to say on Chimpanzee origins in his blog, in one from 2004 titled "What restrained the chimpanzees?" ... he says ... (conclusion) "All in all

By m3dodds · #44479 · 1/18/08

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Early Hominid Predation (<https://groups.io/g/AAT/message/44467?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2100,64960407)

What about the lakes in the Rift valley? If it was a long-term drought, a climate shift, not a seasonal drought, wouldn't the forest have thinned, then be replaced with clumps of trees? Also aren't sa

By m3dodds · #44467 · 1/17/08

FW: Wikipedia (<https://groups.io/g/AAT/message/44464>?)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2100,64960398)

Found the following on Wikipedia, Marc ... that may be of some help (involves a lot of reading)... Are you thinking of writing, an article? (1) This page is apparently about how to write an article fo

By m3dodds · #44464 · 1/17/08

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Early Hominid Predation (<https://groups.io/g/AAT/message/44455>?)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2100,64960407)

From the Citizendium article, it would appear the authors of the article do mean a'piths ... "Early hominids are constituted by the australopithecines (sensu lato) and their fossil remains have provid

By m3dodds · #44455 · 1/16/08

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Early Hominid Predation (<https://groups.io/g/AAT/message/44452>?)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2100,64960407)

Wouldn't such a drought as you describe, have had to last several generations ... ? There is also the possibility the precursors of genus Homo, were outside of Africa 3 to 4 million years ago (when a

By m3dodds · #44452 · 1/16/08

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Early Hominid Predation (<https://groups.io/g/AAT/message/44449>?)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2100,64960407)

Leopards, raptors, extinct cats and crocodiles an our Plio-Pleistocene 'ancestors' ... [http://en.citizendium.org/wiki/Early\\_Hominid\\_Predation](http://en.citizendium.org/wiki/Early_Hominid_Predation) (Citizendium - article) ---m3d

By m3dodds · #44449 · 1/16/08

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FW: Wikipedia (<https://groups.io/g/AAT/message/44448>?)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2100,64960398)

Possibly, there should be a new entry, on Wikipedia called ... 'The Aquatic Ape Theory' or the 'Waterside Ape Theory' ... Background info, on what Wikipedia is, and is not... <http://en.wikipedia.org/w>

By m3dodds · #44448 · 1/16/08

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Whale Ancestor (<https://groups.io/g/AAT/message/44441>?)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2100,64960391)

Seemingly the (possible) terrestrial ancestor of the whales, spent a lot of time in water ... (too much time...) ---m3d "The 48 million year old ungulate Indohyus from India. Indohyus is a close relat

By m3dodds · #44441 · 1/15/08

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Viral Wars - Battle of the Genes (<https://groups.io/g/AAT/message/44365>?)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2100,64960216)

ScienceDaily (Jan. 3, 2008) — A cluster of antiviral genes in humans has likely battled retroviral invasions for millions of years. New research by Sara Sawyer, Ph.D., a postdoctoral research fellow i

By m3dodds · #44365 · 1/11/08

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Aquatic Ape Theory (<https://groups.io/g/AAT/message/44339>?)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2100,64960095)

Thank, Marc. Came across the ENgar blog, when I googled Blogs + Aquatic Ape Theory ... Most of the resulting blogs, found, that gave AAT a mention were negative, but not overtly hostile... unlike the

By m3dodds · #44339 · 1/10/08

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Aquatic Ape Theory (<https://groups.io/g/AAT/message/44315>?)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2100,64960095)

Suggested to readers of this blog (ENagar), that they would get a more accurate picture of what the AAT is about -here at AAT- than they would from checking out the 'link' provided by Jim Moore ... EN

By m3dodds · #44315 · 1/09/08

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KT extinction & bugs, flowers, dinos but not mar reptiles (<https://groups.io/g/AAT/message/44282>?)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2100,64960025)

[http://scienceblogs.com/laelaps/2008/01/killer\\_bugs\\_and\\_the\\_kt\\_extinct.php](http://scienceblogs.com/laelaps/2008/01/killer_bugs_and_the_kt_extinct.php) > Thanks, DD ... Succumbing to tiny bugs, seems a fitting end for a bunch of lumbering dinosaurs. Science Daily <http://www.sc>

By m3dodds · #44282 · 1/07/08

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A Human Ancestor for the Apes? (<https://groups.io/g/AAT/message/44265>?)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2100,64959213)

wrote: Don't see the correlation... most seal breeding sites are to be found on shelf ice and the pack ice surrounding the Antarctic continent,

or on coasts of the more northerly islands. So the chance  
By m3dodds · #44265 · 1/06/08

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A Human Ancestor for the Apes? (<https://groups.io/g/AAT/message/44228?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2100,64959213)

Thanks, DD. Agree. As to separation from the coast, being the reason for the demise of H.e ... I don't know, possibly it was competition from H.n (an H.s?) ... Would agree with you second point, to ce

By m3dodds · #44228 · 1/05/08

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Early mammals = arboreal?? (Re: Re: A Human Ancestor for the Apes?)

(<https://groups.io/g/AAT/message/44205?>

Think of the 10,000 or so modern bird species, some of the waterside species could be said to be fossorial... or semi-fossorial... For example the Kingfisher, its nest is a burrow in the riverbank. ht

By m3dodds · #44205 · 1/03/08

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A Human Ancestor for the Apes? (<https://groups.io/g/AAT/message/44183?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2100,64959213)

Reptile 'cetaceans' ... When did they return to the dark depths? <http://tinyurl.com/3beoer>

[http://www.livescience.com/animals/ap\\_050929\\_oxygen\\_mammals.html](http://www.livescience.com/animals/ap_050929_oxygen_mammals.html) ----- Agree, is

By m3dodds · #44183 · 1/02/08

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Early mammals = arboreal?? (Re: Re: A Human Ancestor for the Apes?)

(<https://groups.io/g/AAT/message/44131?>

Birds and small burrowing terrestrial mammals, survived to some extent. Curiously marsupials suffered badly. Sea life... Fish, amphibians, crocodiles largely survived. Shellfish fared less well. The f

By m3dodds · #44131 · 12/30/07

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A Human Ancestor for the Apes? (<https://groups.io/g/AAT/message/44126?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2100,64959213)

Not sure what you mean ... DD. Other than that the cetaceans, could be classed as tetrapods that returned to an aquatic existence. Would think though that the aquatic marine reptiles, originated in th

By m3dodds · #44126 · 12/30/07

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Diversification due to Ice Age and Climate Change (<https://groups.io/g/AAT/message/44113?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2120,64959673)

"PNAS will soon publish a paper from Mike Bruford and colleagues who isolated DNA from gorilla hair and feces and ultimately came up with a conclusion that the modern genetic composition of gorilla po

By m3dodds · #44113 · 12/29/07

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A Human Ancestor for the Apes? (<https://groups.io/g/AAT/message/44097?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2120,64959213)

Possibly. But we have to remember that mammals had only began to reclaim the Earth, 45 million years ago ... LiveScience. "There was an increase in small and medium-sized mammals in the first few mil

By m3dodds · #44097 · 12/28/07

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A Human Ancestor for the Apes? (<https://groups.io/g/AAT/message/44081?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2120,64959213)

Do we really need to consider turning everything upside down by considering the existence of a human ancestor for the apes? This suggestion definitely has the quality of blasphemy against religious do

By m3dodds · #44081 · 12/27/07

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[SPAM] Nollaig Chridheil a h-uile duine! (<https://groups.io/g/AAT/message/44036?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2120,64959498)

. (The Nadolig sounds like the same word, doesn't it?) It does sound very similar, in all three languages... Merry Christmas, Elaine ... ---m3d

By m3dodds · #44036 · 12/24/07

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Nollaig Chridheil a h-uile duine! (<https://groups.io/g/AAT/message/44035?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2120,64959501)

:-) Merry Christmas ... DD ---m3d

By m3dodds · #44035 · 12/24/07

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Nollaig Chridheil a h-uile duine! (<https://groups.io/g/AAT/message/44032?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2120,64959497)

Nollaig Chridheil a h-uile duine! (Happy Christmas everyone!) Slainte mhath! ---m3d

By m3dodds · #44032 · 12/24/07

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A Human Ancestor for the Apes? (<https://groups.io/g/AAT/message/44005?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2120,64959213)

<http://anthropology.net/2007/12/15/a-human-ancestor-for-the-apes/> Possibly. Check out the map, a significant part of southern and central Europe appears to be inundated - 20 million years ago... shallow

By m3dodds · #44005 · 12/22/07

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( H. idaltu ) The Shore Ancestors of Man (<https://groups.io/g/AAT/message/44000?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2120,64956385)

--- In AAT@..., "Rob Dudman" <ansell@...> wrote: Hello Rob... Have no doubts, Elvis the Duck will be a success. Wishing you and yours, all the very best for 2008 ---m3d > Hello m3d....the

By m3dodds · #44000 · 12/22/07

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A Human Ancestor for the Apes? (<https://groups.io/g/AAT/message/43999?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2120,64959213)

Agree. With little or no water locked up in ice in the northern hemisphere and next to none in the southern ... sea levels, would have been 30 to 35 meters higher, so conditions would have favoured for

By m3dodds · #43999 · 12/22/07

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A Human Ancestor for the Apes? (<https://groups.io/g/AAT/message/43983?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2120,64959213)

HARVARD GAZETTE ARCHIVES (1997) Morotopithecus bishopi An Ancestor of Human Ancestors Found By William J. Cromie Gazette Staff  
The bones of a distant relative of ours have been discovered in Uganda. H

By m3dodds · #43983 · 12/21/07

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A Human Ancestor for the Apes? (<https://groups.io/g/AAT/message/43974?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2120,64959213)

Homeotic Evolution in the Mammalia: Diversification of Therian Axial Seriation and the Morphogenetic Basis of Human Origins Aaron G. Filler  
ABSTRACT Background Despite the rising interest in homeotic

By m3dodds · #43974 · 12/21/07

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A Human Ancestor for the Apes? (<https://groups.io/g/AAT/message/43949?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2120,64959213)

Once the adaptation was in place, all were possible. As for the ability to walk upright. It could have happened 20 Mya or it could have happened a mere 15 Mya, as the possibility was always there (once)

By m3dodds · #43949 · 12/20/07

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A Human Ancestor for the Apes? (<https://groups.io/g/AAT/message/43933?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2120,64959213)

respects. early Agree, Marc. He is correct, early apes had the adaptation (a vertical spine). With the vertical spine, all were possible, hanging, floating, climbing and wading and walking upright (when)

By m3dodds · #43933 · 12/19/07

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[SPAM] A Human Ancestor for the Apes? (<https://groups.io/g/AAT/message/43921?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2120,64959267)

Not fuzzy thinking... original thinking. Original thinking at its best on Dr.Filler's part. In one clean stroke he has sliced through Gordian knot of bipedalism. ---m3d

By m3dodds · #43921 · 12/19/07

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A Human Ancestor for the Apes? (<https://groups.io/g/AAT/message/43895?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2120,64959213)

Do we really need to consider turning everything upside down by considering the existence of a human ancestor for the apes? This suggestion definitely has the quality of blasphemy against religious doctrine

By m3dodds · #43895 · 12/18/07

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( H. idaltu ) The Shore Ancestors of Man (<https://groups.io/g/AAT/message/43825?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2120,64956385)

--- In AAT@..., "Rob Dudman" <ansell@...> wrote: Hello Rob... > Hello m3d.... > Out of/Into Asia..... > > 1.7 - 1.9 - 2 Mya ... whichever date is the correct > > one, they are pretty easy

By m3dodds · #43825 · 12/15/07

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Upright apes - A.Filler (<https://groups.io/g/AAT/message/43776?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2120,64958887)

The Upright Ape: A New Origin of the Species AN EXCELLENT BOOK! ... <http://www.uprightape.net/index.html> ---m3d

By m3dodds · #43776 · 12/12/07

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Climate - Spain, 6 million years ago (<https://groups.io/g/AAT/message/43751?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2120,64958887)

Upper Turolense (from 6 to 5.3 million years ago) the climate was almost desert -like, with scarce vegetation... Rusciniense and at the beginning of the Villafranchiense (from 5.3 to 3 million years

By m3dodds · #43751 · 12/10/07

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( H. idaltu ) The Shore Ancestors of Man (<https://groups.io/g/AAT/message/43674?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2120,64956385)

By m3dodds · #43674 · 12/04/07

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( H. idaltu ) The Shore Ancestors of Man (<https://groups.io/g/AAT/message/43582?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2120,64956385)

--- In AAT@..., "Rob Dudman" <ansell@...> wrote: Hello Rob... > Hello m3d... > > > Million-year adjustment - do you mean 5 to 6 > > million years ago? I would favour sometime > > betwee

By m3dodds · #43582 · 11/25/07

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Meat vs. Potatoes (<https://groups.io/g/AAT/message/43568?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2140,64958258)

By m3dodds · #43568 · 11/23/07

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Meat vs. Potatoes (<https://groups.io/g/AAT/message/43555?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2140,64958258)

They also like, eating monkey... (they hunt,kill and eat monkeys) "Over the next hour, chimps carry off a few more infants and kill them quickly with bites to the head and neck. Several adult monkeys

By m3dodds · #43555 · 11/21/07

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Meat vs. Potatoes (<https://groups.io/g/AAT/message/43550?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2140,64958258)

Primates(most primates) don't have claws( apart for possibly primitive monkeys - marmosets and tamarins )... Possible. Maybe they just like the taste. Was comparing the taste, that of Strawberries an

By m3dodds · #43550 · 11/20/07

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A.Filler 2007 The upright ape (<https://groups.io/g/AAT/message/43543?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2140,64958288)

Filler's book, has certainly changed the debate about bipedalism. Knuckle-walking is derived, bipedality is the primitive condition... ---m3d Miocene its wide others to broad traits), glenoid the femu

By m3dodds · #43543 · 11/20/07

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Meat vs. Potatoes (<https://groups.io/g/AAT/message/43542?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2140,64958258)

Would appear to be a chicken an egg question, which came first, eating or a sense of taste. Eat the wrong thing and you die, taste the right thing and you live... Taste for something sweet is probably

By m3dodds · #43542 · 11/20/07

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Meat vs. Potatoes (<https://groups.io/g/AAT/message/43541?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2140,64958258)

Well according the Live-science article, chimpanzees are using 'tools' to dig for tubers. The Live-science article says that these chimps are digging for tubers, even though their more traditional foo

By m3dodds · #43541 · 11/20/07

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Meat vs. Potatoes (<https://groups.io/g/AAT/message/43514?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2140,64958258)

Agree. But, the most interesting point is not whether they dug with claws, fingernails or sticks for tubers, but the fact that they dug for tubers when other 'foods' were easily available... in other

By m3dodds · #43514 · 11/18/07

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Meat vs. Potatoes (<https://groups.io/g/AAT/message/43506?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2140,64958258)

Chimpanzees prefer to dig for tubers and roots even when aboveground snacks are plentiful, a finding that bears on questions about humans' preferences for meat versus potatoes. Meat vs. Potatoes: What  
By m3dodds · #43506 · 11/18/07

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\$940.000 - to study A'pith eating habits! (<https://groups.io/g/AAT/message/43504>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2140,64958250)

David Strait's \$940k grant to study Australopithecine diet evolution <http://anthropology.net/> "The australopithecines lived in Africa about 7 million to 1.5 million years ago, Strait said. The climate

By m3dodds · #43504 · 11/18/07

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( H. idaltu ) The Shore Ancestors of Man (<https://groups.io/g/AAT/message/43492>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2140,64956385)

--- In AAT@..., "Rob Dudman" <ansell@...> wrote: Hello Rob... > > > .....Personally I think they simply left > > north Africa, not long after the P/H divergence

By m3dodds · #43492 · 11/17/07

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Chinese Homo fossils + artefacts 2 Ma? (<https://groups.io/g/AAT/message/43479>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2140,64958179)

Out of Asia... ? <http://www.uiowa.edu/~bioanth/nature95.html> ---m3d

By m3dodds · #43479 · 11/15/07

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( H. idaltu ) The Shore Ancestors of Man (<https://groups.io/g/AAT/message/43453>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2140,64956385)

at Sharm El Sheikh. These extensive caves would afford hominids protection and access to an abundance of fish and shell fish. Accessible by water, the only way to leave is to swim out. I could certainl

By m3dodds · #43453 · 11/14/07

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( H. idaltu ) The Shore Ancestors of Man (<https://groups.io/g/AAT/message/43429>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2140,64956385)

A place that fits this exact location is Nuweiba, Egypt on the Red Sea side of Sinia Peninsula. It has an ocean reef shelf saturated with biodiversity. But is shallow enough to aford H Italtu protecti

By m3dodds · #43429 · 11/13/07

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( H. idaltu ) The Shore Ancestors of Man (<https://groups.io/g/AAT/message/43425>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2140,64956385)

--- In AAT@..., "Rob Dudman" <ansell@...> wrote: Hello Rob... > > > IMO claims for an Asian origin is just as valid, > > as claims for an African origin for genus Homo...

By m3dodds · #43425 · 11/12/07

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Levant Hss (<https://groups.io/g/AAT/message/43415>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2140,64958027)

The Levant? Did prehistoric man come from Haifa? <http://www.haaretz.com/hasen/spages/901351.html> ---m3d

By m3dodds · #43415 · 11/10/07

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Happy Birthday Elaine Morgan!!! (<https://groups.io/g/AAT/message/43380>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2140,64957892)

Penblwydd Hapus!!! Elaine. ---m3d

By m3dodds · #43380 · 11/08/07

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( H. idaltu ) The Shore Ancestors of Man (<https://groups.io/g/AAT/message/43360>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2140,64956385)

Hello Rob... IMO claims for an Asian origin is just as valid, as claims for an African origin for genus Homo, H could easily left North Africa not long after the P/H divergence. In the case of our lit

By m3dodds · #43360 · 11/07/07

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Brain cooling (<https://groups.io/g/AAT/message/43322>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2140,64957726)

Dean Falk, Ph.D. <http://www.anthro.fsu.edu/people/faculty/falk.html> Dean Falk - Radiator Hypothesis

<http://www.anthro.fsu.edu/people/faculty/falk/radpapweb.htm> ---m3d

By m3dodds · #43322 · 11/04/07

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Awesome beasts - Europe - 1.8 Mya (<https://groups.io/g/AAT/message/43317>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2140,64957786)

Giant hyenas, sabretoothed cats, giraffes and zebras lived side by side in Europe 1.8 million years ago. BBC SCIENCE By Paul Rincon  
Science reporter, BBC News, Murcia <http://news.bbc.co.uk/2/hi/scienc>  
By m3dodds · #43317 · 11/04/07

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( H. idaltu ) The Shore Ancestors of Man (<https://groups.io/g/AAT/message/43284?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2140,64956385)

Hello Rob... :-)) Usually, I find the discussion section of a paper is sufficient to get an idea of how the authors, arrived at their conclusion... but not in this case. Probably they were two differen

By m3dodds · #43284 · 11/03/07

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Filler's site, Upright Ape (<https://groups.io/g/AAT/message/43251?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2160,64957233)

He as Dr. FILLER \_\_\_\_\_ Aaron G. Filler, MD, PhD, FRCS (SN) [http://www.uprightape.net/AGF\\_Bio.html](http://www.uprightape.net/AGF_Bio.html)

<http://www.csmc.edu/8373.html> ---m3d

By m3dodds · #43251 · 11/01/07

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Human Birth & Bipedalism (<https://groups.io/g/AAT/message/43218?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2160,64957569)

"In other words, the complexity, pain, and danger of human birth and the long and dangerous dependency of the human infant are the "price" we pay for hips that facilitate bipedal locomotion. What was

By m3dodds · #43218 · 10/31/07

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Gorilla - Walking on a Rope (<https://groups.io/g/AAT/message/43206?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2160,64956942)

Hello Rob... The notion (hypotheses), we stood up on two legs (evolved bipedalism) to look over tall grass on the savannah, always struck me as particularly stupid hypotheses, one devoid of any merit.

By m3dodds · #43206 · 10/30/07

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( H. idaltu ) The Shore Ancestors of Man (<https://groups.io/g/AAT/message/43192?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2160,64956385)

Hello Rob... Their paper is available online to read at Plos Genetics, or you can also download a PDF... copy. ( not an easy read ) Genomic Relationships and Speciation Times of Human, Chimpanzee, and G

By m3dodds · #43192 · 10/29/07

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Morotop. (Re: Re: Gorilla - Walking on a Rope (<https://groups.io/g/AAT/message/43148?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2160,64957171)

Yes, as in Apes, not in the Human sense. ( Human - habitual bipedalism ) In effect, all had an upright posture. Possible. The late Miocene, was a period when the Earth's climate cooled ( and got drier

By m3dodds · #43148 · 10/27/07

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FOXP2 and the Evolution of Language (<https://groups.io/g/AAT/message/43136?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2160,64919615)

they might include it. Nothing. I can't help thinking it's odd. He's made it clear he doesn't think the descended larynx evolved for purposes of speech but doesn't seem to have given any publicity to

By m3dodds · #43136 · 10/26/07

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Gorilla - Walking on a Rope (<https://groups.io/g/AAT/message/43133?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2160,64956942)

Hello Rob... The notion that 'bipedalism' is somehow unique to H, is effectively dead, but will probably linger on like the much discredited 'savannah' theory, but for all intents and purposes it is d

By m3dodds · #43133 · 10/26/07

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FOXP2 and the Evolution of Language (<https://groups.io/g/AAT/message/43118?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2160,64919615)

Tecumseh Fitch's - Publications <http://www.st-andrews.ac.uk/~wtsf/publications.htm> ---m3d

By m3dodds · #43118 · 10/25/07

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( H. idaltu ) The Shore Ancestors of Man (<https://groups.io/g/AAT/message/43095?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2160,64956385)

Hello Rob... Agree. It is unlikely to have happened prior to the H/P divergence, but the problem with 5.3 Mya is that a new date for the H/P divergence... is 4.1 Mya <http://www.livescience.com/health/>

By m3dodds · #43095 · 10/25/07

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Filler's site, Upright Ape (2) (<https://groups.io/g/AAT/message/43083?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2160,64957260)

--- In AAT@..., "Rob Dudman" <ansell@...> wrote: Hello Rob... > Hello m3d..... > > > (Filler's) site, has some brilliant illustrations. > > >

Did you, have a look at Fig.9-3 and 9-

By m3dodds · #43083 · 10/24/07

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Filler's site, Upright Ape (<https://groups.io/g/AAT/message/43082?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2160,64957233)

He as An upright posture, would be advantageous in a number of situations, from walking through the forest canopy to wading in pools ( like gorillas ). Aren't atelidae, monkeys? Agree... Prolific, yes

By m3dodds · #43082 · 10/24/07

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Morotop. (Re: Re: Gorilla - Walking on a Rope (<https://groups.io/g/AAT/message/43081?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2160,64957171)

Hominids, yes, but as Rob points out in another thread ( Gorilla - Walking on a Rope ) this morning. The four previously mentioned plus Orrorin are scattered over a wide geographical area - on two con

By m3dodds · #43081 · 10/24/07

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Filler's site, Upright Ape (<https://groups.io/g/AAT/message/43068?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2160,64957233)

Your welcome, DD. His site, has some brilliant illustrations. Did you, have a look at Fig.9-3 and 9-4? ---m3d

By m3dodds · #43068 · 10/23/07

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Power swim (derived from aqueon) (<https://groups.io/g/AAT/message/43067?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2160,64957218)

Yup ... comparisons are often, meaningless. ---m3d [http://www.popularmechanics.com/technology/military\\_law/4223354.html](http://www.popularmechanics.com/technology/military_law/4223354.html)

By m3dodds · #43067 · 10/23/07

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Power swim (derived from aqueon) (<https://groups.io/g/AAT/message/43063?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2160,64957218)

No need, DD ... Our swimming skills, are sufficient, for what we do in water... ---m3d

[http://www.popularmechanics.com/technology/military\\_law/4223354.html](http://www.popularmechanics.com/technology/military_law/4223354.html)

By m3dodds · #43063 · 10/23/07

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Power swim (derived from aqueon) (<https://groups.io/g/AAT/message/43060?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2160,64957218)

Not exactly a good comparison, being compared to the equivalent of a stone ( when it comes to swimming ). ---m3d

By m3dodds · #43060 · 10/23/07

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Gorilla - Walking on a Rope (<https://groups.io/g/AAT/message/43059?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2160,64956942)

Hello Rob... Agree. Though it may not be so important a factor for part time and occasional bipedal walkers, among gorillas, gibbons and chimps... on the other hand habitual upright walking, would pro

By m3dodds · #43059 · 10/23/07

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( H. idaltu ) The Shore Ancestors of Man (<https://groups.io/g/AAT/message/43056?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2160,64956385)

Hello Rob... Yes, I think we did have a similar discussion. A good one. As with most of these discoveries, its big news for seven days, a month, then no more is heard, and if anything further is publi

By m3dodds · #43056 · 10/22/07

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Morotop. (Re: Re: Gorilla - Walking on a Rope (<https://groups.io/g/AAT/message/43045?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2160,64957171)

Thanks, Marc. Essentially, Pickford thinks 17 Mya was more likely than 20 Mya, correct? Oreopithecus - Pierolapithecus - Sahelanthropus and now possibly Morotopithecus. Would appear Aaron Filler, has

By m3dodds · #43045 · 10/21/07

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Gorilla - Walking on a Rope (<https://groups.io/g/AAT/message/43031?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2160,64956942)

wrote: You could also say, that several hundred millions years ago, life wanted to get out of the water... thus learnt to walk, on four and two legs. Wading is just an extension of walking, if an anim

By m3dodds · #43031 · 10/20/07

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### Gorilla - Walking on a Rope (<https://groups.io/g/AAT/message/43030?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2180,64956942)

What is the basis for Pickford's claim it was 17 Mya?, every every other source on Morotop, quotes 20 to 21 Mya ... ---m3d

By m3dodds · #43030 · 10/20/07

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### Me Neanderthal, Me Talk Too (<https://groups.io/g/AAT/message/43017?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2180,64957052)

It is said Neanderthals ( well some of them ) had shorter limbs, but as to the reason it would depend on whether they were cold-adapted as some believe or just a lot more robust, than the later H.s ..

By m3dodds · #43017 · 10/19/07

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### Gorilla - Walking on a Rope (<https://groups.io/g/AAT/message/43014?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2180,64956942)

Hello Rob... Had briefly heard of Oliver, before, but never really looked into the story, behind his famed ability to walk upright ( also kind of hoped, as he had retired from the public gaze... he wo

By m3dodds · #43014 · 10/19/07

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### Human Ancestors Walked Upright (<https://groups.io/g/AAT/message/42990?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2180,64957055)

Controversial research now suggests the ancestors of humans and the other great apes might have actually walked upright too, making knuckle-walking chimpanzees and gorillas the exceptions and not the

By m3dodds · #42990 · 10/18/07

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### Me Neanderthal, Me Talk Too (<https://groups.io/g/AAT/message/42988?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2180,64957052)

LONDON (Reuters) - Neanderthals, often portrayed as grunting, club-carrying brutes, may have been capable of sophisticated speech, researchers said on Thursday. <http://tinyurl.com/3dxlqz> ---m3d

By m3dodds · #42988 · 10/18/07

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### ( H. idaltu ) The Shore Ancestors of Man (<https://groups.io/g/AAT/message/42972?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2180,64956385)

Hello Rob... Would essentially agree with what you say here, but would argue while there would have been room for an possible early increase in the size of the brain, when the birthing process was eas

By m3dodds · #42972 · 10/17/07

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### Gorilla - Walking on a Rope (<https://groups.io/g/AAT/message/42948?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2180,64956942)

Hello Rob... That's what I thought, when I first saw the photo. More so, when I saw it was a piece of slackrope walking. Thanks for the link. His 'old woman' does not appear too impressed, by skills o

By m3dodds · #42948 · 10/16/07

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### Gorilla - Walking on a Rope (<https://groups.io/g/AAT/message/42941?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2180,64956942)

Picture of a Gorilla walking upright on a rope... <http://tinyurl.com/2qhquc> ---m3d

By m3dodds · #42941 · 10/15/07

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### ( H. idaltu ) The Shore Ancestors of Man (<https://groups.io/g/AAT/message/42936?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2180,64956385)

--- In AAT@..., "Rob Dudman" <ansell@...> wrote: Hello Rob... > Hello m3d.... > > > > Do you know of any follow-up studies which compare > > the cognitive abilities of those with the a

By m3dodds · #42936 · 10/15/07

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### Ape Portraits - William H. Calvin (<https://groups.io/g/AAT/message/42915?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2180,64956868)

By m3dodds · #42915 · 10/14/07

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### Ape Portraits - William H. Calvin (<https://groups.io/g/AAT/message/42904?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2180,64956868)

No idea, DD, whoever he is, he certainly took some impressive portraits. Especially liked the gorilla ones, like the brown eyed gorillas, you can even see the whites of their eyes in some of the expre

By m3dodds · #42904 · 10/13/07

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### Ape Portraits - William H. Calvin (<https://groups.io/g/AAT/message/42899?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2180,64956868)

Portraits of the other six Apes, through the eyes of the seventh. <http://williamcalvin.com/portraits/apes.htm> Click on an image, for more portraits... ----- Some possible brides, for geneti

By m3dodds · #42899 · 10/13/07

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Bipedalism 15 Million Years Earlier (Genetic, Developmental Aspects)

(<https://groups.io/g/AAT/message/42871?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2180,64956683>)

Penguins, nasalis, macaca an atelids etc, are not apes, DD. Why the need for cover, apes ( dozens of species ) have managed without for more than twenty million years? Backfloating, 2 million years ag

By m3dodds · #42871 · 10/12/07

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( H. idaltu ) The Shore Ancestors of Man (<https://groups.io/g/AAT/message/42869>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2180,64956385)

--- In AAT@..., "Rob Dudman" <ansell@...> wrote: Hello Rob... > > Hello m3d.... > > > At a guess, we could say that we only got around to > > using the brain a mere 30,000 years ago. Whi

By m3dodds · #42869 · 10/12/07

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Bipedalism 15 Million Years Earlier (Genetic, Developmental Aspects)

(<https://groups.io/g/AAT/message/42862?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2180,64956683>)

Would serve no functional purpose, DD, not even as a fly swat. ( tail bone currently serves, as a muscle anchor ) Backfloating 23-24 Mya? Pathological condition, not a vestige. ( frequently seen in tr

By m3dodds · #42862 · 10/11/07

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Bipedalism 15 Million Years Earlier (Genetic, Developmental Aspects)

(<https://groups.io/g/AAT/message/42849?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2180,64956683>)

DD - Apes (including humans) are tail-less primates, have been since they diverged some 23-24 Mya. ( upright posture, no need for a tail, to maintain balance ) You could possibly class the human walki

By m3dodds · #42849 · 10/11/07

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( H. idaltu ) The Shore Ancestors of Man (<https://groups.io/g/AAT/message/42826>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2180,64956385)

--- In AAT@..., "Rob Dudman" <ansell@...> wrote: Hello Rob... > > Hello m3d.... > > > Interestingly that skull, does indicate that > > there has been little or no increase in overall > >

By m3dodds · #42826 · 10/10/07

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Bipedalism 15 Million Years Earlier (Genetic, Developmental Aspects)

(<https://groups.io/g/AAT/message/42822?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2180,64956683>)

Thanks, Dan. Have just downloaded a copy of the PDF. This would confirm, increasing evidence from the fossil record and studies of locomotion in other apes such as the Orangutans, that bipedalism is n

By m3dodds · #42822 · 10/10/07

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3 definitions of Hs (<https://groups.io/g/AAT/message/42806>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2180,64956474)

Not the point I was making, Marc. My point is that fossils are actual physical evidence, irrespective of whether they are dino or H fossils ... It need not be a direct-ancestor, to be of interest. It

By m3dodds · #42806 · 10/09/07

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3 definitions of Hs (<https://groups.io/g/AAT/message/42772>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2180,64956474)

Morphology of both, the long dead an the living. As said previously in another thread, we get at least an inkling of whom our ancestors may have been, and who else we may have shared this world with i

By m3dodds · #42772 · 10/08/07

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3 definitions of Hs (<https://groups.io/g/AAT/message/42766>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2200,64956474)

The first, morphological. As Homo, is Latin for Man. ( He > Hh > Hn > Hs ) ( possibly Hg, not Hf ) ---m3d

By m3dodds · #42766 · 10/07/07

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Chimpanzee Laryngeal Air Sacs (<https://groups.io/g/AAT/message/42761>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2200,64956479)

matter provide living DD - They soon learn to be a bit more nimble, if they want to pass on their genes. It would only be a problem for arboreals, if they were falling out the canopy like ripe fruit (

By m3dodds · #42761 · 10/07/07

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( H. idaltu ) The Shore Ancestors of Man (<https://groups.io/g/AAT/message/42744?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2200,64956385)

--- In AAT@..., "Rob Dudman" <ansell@...> wrote: Hello Rob... >> Hello m3d.... >> Thanks for the two interesting links.....that skull > is as human as poor Yoric's! > Yes and no, the "e

By m3dodds · #42744 · 10/07/07

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Chimpanzee Laryngeal Air Sacs (<https://groups.io/g/AAT/message/42743?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2200,64956479)

phases of Not convinced there is such a phase, animals that did not fall, or if they were nimble enough to get out of the water, would be more likely to pass on their genes. DD - Have been meaning to

By m3dodds · #42743 · 10/07/07

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Chimpanzee Laryngeal Air Sacs (<https://groups.io/g/AAT/message/42740?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2200,64956479)

Link to Nishimura's article ( not free ) <http://tinyurl.com/2feqsc> Best regards ---m3d

By m3dodds · #42740 · 10/07/07

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Chimpanzee Laryngeal Air Sacs (<https://groups.io/g/AAT/message/42722?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2200,64956479)

Development of the laryngeal air sac in chimpanzees Takeshi Nishimura, Akichika Mikami, Juri Suzuki, Tetsuro Matsuzawa Though many nonhuman primates possess a laryngeal sac, the great apes are unique

By m3dodds · #42722 · 10/06/07

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Apiths = Afr.ape relatives? (Re: Re: The Shore Ancestors of Man (<https://groups.io/g/AAT/message/42721?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2200,64956302)

----- O.K. Agree. Not every robust was G, an not every non-robust ( gracile? ) can be classed as P ... It could be summarized, as saying that after the GP-LCA G settled in the i

By m3dodds · #42721 · 10/06/07

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[SPAM] Apiths = Afr.ape relatives? (Re: Re: The Shore Ancestors of Man

(<https://groups.io/g/AAT/message/42687?>p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2200,64956375)

The Messinian crisis - namely the isolation and subsequent drying out of the Mediterranean basin between 5.6 Mya an 5.3 Mya. Would have resulted in a increase then a decrease in world sea levels as th

By m3dodds · #42687 · 10/05/07

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( H. idaltu ) The Shore Ancestors of Man (<https://groups.io/g/AAT/message/42676?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2200,64956385)

Hello Rob... Would say both are of equal interest, the Bodo cranium for being almost complete and the cut marks. The Herto craniums ( H.idaltu )for the size of the BOU-VP-16/1 cranium, which could hav

By m3dodds · #42676 · 10/04/07

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Relative Differences (<https://groups.io/g/AAT/message/42654?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2200,64956331)

Human-chimp difference may be bigger Published: Monday, December 18, 2006 Approximately 6 percent of human and chimp genes are unique to those species, report scientists from Indiana University Bloomi

By m3dodds · #42654 · 10/03/07

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Apiths = Afr.ape relatives? (Re: Re: The Shore Ancestors of Man (<https://groups.io/g/AAT/message/42653?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2200,64956302)

gorillas. only seems a few swamp-forest>reedbeds...? Plio-& Ind.Ocean, G before relatives of us G.afarensis, G.aethiopicus, G.boisei Pafricanus, Probusus Basically, the A'piths should be in genus G

By m3dodds · #42653 · 10/03/07

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The Shore Ancestors of Man (<https://groups.io/g/AAT/message/42641?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2200,64956052)

Where are the A'piths, in P ? From fossils Marc, we get a least an inkling of whom our ancestors may have been, and who else may have shared this world in the past. Whereas DNA evidence, would have to

By m3dodds · #42641 · 10/02/07

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The Shore Ancestors of Man (<https://groups.io/g/AAT/message/42640?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2200,64956052)

Its still in use. Nothing better has been devised ( yet ). Pan - Homo > same Family, not Genus. ( the 4% difference in DNA, is still a big

difference ) "Scientists have sequenced the genome of the chi

By m3dodds · #42640 · 10/02/07

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The Shore Ancestors of Man (<https://groups.io/g/AAT/message/42611?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2200,64956052)

Its a murky ( messy ) definition, Marc. Fossils are physical evidence, the rest is interpretation. What's wrong with... Genus > Species ? ---m3d

By m3dodds · #42611 · 10/01/07

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The Shore Ancestors of Man (<https://groups.io/g/AAT/message/42610?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2200,64956052)

As they say... Ken. "King Philip cried out for good soup!" Kingdom > Phylum > Class > Order > Family > Genus > Species Genus - Homo > Species - Sapiens There is only one living species, in genus Homo.

By m3dodds · #42610 · 10/01/07

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Out of the Middle East? (<https://groups.io/g/AAT/message/42582?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2200,64956167)

Is the home of Homo sapiens, not in Africa but in the Middle East, on the eastern shore of the Med or on the shores of the Dead sea? ---m3d  
Did prehistoric man come from Haifa? By Fadi Eyadat "Profess

By m3dodds · #42582 · 9/30/07

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The Shore Ancestors of Man (<https://groups.io/g/AAT/message/42579?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2200,64956052)

near-shore, and specialization, fat. Gorilla possible, if not likely. Chimpanzee very unlikely. ---m3d

By m3dodds · #42579 · 9/30/07

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The Shore Ancestors of Man (<https://groups.io/g/AAT/message/42578?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2200,64956052)

Would be very skeptical, to say the least, about designating everything after the H/P split 4 to 5 Ma as genus Homo. Definitely the genus can be dated to around 2 Ma ( 1.9 - 1.8 Homo erectus ) an poss

By m3dodds · #42578 · 9/30/07

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air sacs, injuries, fat (<https://groups.io/g/AAT/message/42573?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2200,64956146)

--- In AAT@..., "DDeden" <alas\_my\_loves@...> wrote: Air sacs, are a feature of the respiratory system of birds ( an possibly, their dinosaur ancestors ). ---m3d <http://people.eku.edu/ritch>

By m3dodds · #42573 · 9/29/07

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The Shore Ancestors of Man (<https://groups.io/g/AAT/message/42535?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2200,64956052)

The big difficulty, DD, I have with saying they could have been on the coast much before 2 mya, is that they shared a common ancestor with gorillas, an latterly with the chimpanzees 4 to 5 million yea

By m3dodds · #42535 · 9/28/07

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The Shore Ancestors of Man (<https://groups.io/g/AAT/message/42534?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2220,64956052)

Hello Rob... You make an excellent point, in regard to brain size in H.erectus. However,I would say, that H.idaltu should be seen more as early (archaic) H.sapien, seen as evidence of the emergence of

By m3dodds · #42534 · 9/28/07

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The Shore Ancestors of Man (<https://groups.io/g/AAT/message/42521?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2220,64956052)

The most likely period that our ancestors were on the shore, was not tens of millions of years ago, not even hundreds of thousands years ago but just before the emergence of genus Homo. To quote the l

By m3dodds · #42521 · 9/27/07

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Slow Lucy/Gr ape, fast H & Less ape (<https://groups.io/g/AAT/message/42520?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2220,64956042)

By m3dodds · #42520 · 9/27/07

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Homo = haircuts? (the reconstruction of hominids: soft tissues and hair)

(<https://groups.io/g/AAT/message/42504?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2220,64955889>)

wrote: seen men" Soft tissue and hair, can be preserved under other circumstances, such as with bodies preserved almost intact in bogs ( northern Europe), for thousands of years. <http://en.wikipedia.o>

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### Iodine FAQ's (<https://groups.io/g/AAT/message/42481?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2220,64955986)

FAQs about Iodine Nutrition <http://www.iccid.org/pages/iodine-deficiency/faqs.php> ---m3d

By m3dodds · #42481 · 9/25/07

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### Goitrogens in Hs, Pan & primates (<https://groups.io/g/AAT/message/42480?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2220,64955845)

<http://www3.interscience.wiley.com/cgi-bin/abstract/110523285/ABSTRACT?CRETRY=> Cooking destroys goitrogens in cruciferous vegetables. ---m3d

IDD FAQs about Iodine Nutrition <http://www.iccid.org/pages>

By m3dodds · #42480 · 9/25/07

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### iodine (<https://groups.io/g/AAT/message/42461?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2220,64955917)

Its twaddle, Marc. How can he say there is insufficient data, then go on to say... "its highly possible the human requirement for iodine are currently increased by other dietary factors...". It is not

By m3dodds · #42461 · 9/24/07

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### iodine (<https://groups.io/g/AAT/message/42459?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2220,64955917)

pre-agricultural would be There selection, Therefore, it goitrogens in awaits "There is insufficient data to suggest that humans, by way of natural selection,would have become completely dependent on

By m3dodds · #42459 · 9/24/07

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### Early Homo Postcranial Fossils from Dmanisi (<https://groups.io/g/AAT/message/42458?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2220,64955944)

Dmanisi, the bones. Anthropology.net <http://tinyurl.com/2wzcuw> ---m3d

By m3dodds · #42458 · 9/24/07

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### Breast stroke technique (<https://groups.io/g/AAT/message/42434?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2220,64955864)

Evidence for the breaststroke goes back to the stone age, in the shape of cave paintings ( north Africa). Would think sub-surface swimming would be a better technique for predation evasion, than the b

By m3dodds · #42434 · 9/23/07

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### Significance of the human scalp line (<https://groups.io/g/AAT/message/42430?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2220,64955747)

Well I find what Cunnane said about diet, convincing enough without the need of fossil evidence. IMO it was a coastal diet that led to changes in anatomy ( smaller jaw muscles,smaller jaws and a much

By m3dodds · #42430 · 9/23/07

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### Swimming style of quadrupeds vs Bipedes (<https://groups.io/g/AAT/message/42405?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2220,64955819)

Certainly is an unusual ( an confident ) swimming style, effective, but for an adult to adopt it, it would be energy expensive. Swimming is different, from our normal bipedal gait. Swimming the breast

By m3dodds · #42405 · 9/22/07

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### Stump tail macaque parallels to hominoids (<https://groups.io/g/AAT/message/42401?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2220,64955726)

Intriguing. Thanks, DD. ( almost missed this ) Why would these macaques ( stump-tails ), show a trend towards nakedness. It's the long-tails that usually wade and swim. ---m3d

By m3dodds · #42401 · 9/22/07

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### Significance of the human scalp line (<https://groups.io/g/AAT/message/42394?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2220,64955747)

Guess this is where we do disagree. IMO, our shore ancestors ( waterside ancestors ) were the precursor of genus Homo, some two million plus years ago ( at around the time, of the myosin gene mutation

By m3dodds · #42394 · 9/22/07

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### Significance of the human scalp line (<https://groups.io/g/AAT/message/42384?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2220,64955747)

Would say Algis, that it is a circular argument on both counts as we are both forgetting we are not talking about H.sapien, or even H.erectus,

but instead of a much earlier possible ancestor. Not cert  
By m3dodds · #42384 · 9/22/07

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AAT an Occam's razor. Why anthropologists don't accept the AAT (<https://groups.io/g/AAT/message/42368?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2220,64955407)

DD, agree it is curious, how there seem to be several parallels in macaque behavior ( even though they are a much smaller animal ).The stump-tails are freshwater, their long tailed kin seem to prefer  
By m3dodds · #42368 · 9/21/07

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Significance of the human scalp line (<https://groups.io/g/AAT/message/42367?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2220,64955747)

As said it more or less covers where the brain lies within the skull, there is an obvious reason why it would extend down the back of the neck, an possibly an equally obvious reason why the forehead i  
By m3dodds · #42367 · 9/21/07

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AAT an Occam's razor. Why anthropologists don't accept the AAT (<https://groups.io/g/AAT/message/42342?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2220,64955407)

Was a tad stupid, Algis. True?. Depends how you are swimming, doing the backstroke back crawl, it would be in the water. Doing the breaststroke it would be out of the water, as you say. But, I would s  
By m3dodds · #42342 · 9/20/07

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AAT an Occam's razor. Why anthropologists don't accept the AAT (<https://groups.io/g/AAT/message/42335?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2220,64955407)

You mean Barbary macaques, the ones that live in the cedar forests (Atlas mountains) in Morocco ( the more famous of whom live on the rock - Gibraltar )? Sorry DD, I thought you were talking about the  
By m3dodds · #42335 · 9/20/07

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AAT an Occam's razor. Why anthropologists don't accept the AAT (<https://groups.io/g/AAT/message/42330?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2220,64955407)

Not that know off, aren't stump-tails ( short tailed ) rainforest dwellers ( the ones that live deep in the forest )? ---m3d wrote: likely other rays.  
The  
By m3dodds · #42330 · 9/20/07

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AAT an Occam's razor. Why anthropologists don't accept the AAT (<https://groups.io/g/AAT/message/42321?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2240,64955407)

accept the AAT Not all that certain, not a 100% , but I think the levator ani an some other muscle, are the muscles that along with the pelvis prevent everything going south. Also think somehow, the t  
By m3dodds · #42321 · 9/20/07

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AAT an Occam's razor. Why anthropologists don't accept the AAT (<https://groups.io/g/AAT/message/42310?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2240,64955407)

Macaques are intriguing, they like us are opportunist omnivores, they also appear to have no fear of water. They wade, they swim, they swim underwater, not only that some of them have a liking for cat  
By m3dodds · #42310 · 9/20/07

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AAT an Occam's razor. Why anthropologists don't accept the AAT (<https://groups.io/g/AAT/message/42308?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2240,64955407)

Agree. As simple as possible, but not simpler. ---m3d  
By m3dodds · #42308 · 9/20/07

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AAT an Occam's razor. Why anthropologists don't accept the AAT (<https://groups.io/g/AAT/message/42307?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2240,64955407)

You could be right, have just watched an underwater film (You Tube ) of one swimming. In a pool at Toronto zoo. <http://tinyurl.com/34mmbx>  
Best regards ---m3d  
By m3dodds · #42307 · 9/20/07

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AAT an Occam's razor. Why anthropologists don't accept the AAT (<https://groups.io/g/AAT/message/42306?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2240,64955407)

Then you should not have slanted the question to give the answer you wanted, Algis. The answer to why humans retained a mop of thick scalp hair, is that it probably offers a measure of short term insu  
By m3dodds · #42306 · 9/20/07

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AAT an Occam's razor. Why anthropologists don't accept the AAT (<https://groups.io/g/AAT/message/42282?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2240,64955407)

Swim in the human manner, primarily with the forelimbs (arms) using the hindlimbs( legs) to steer? They must also be very good swimmers, as apparently some have been known to swim up to 160 kilometers

By m3dodds · #42282 · 9/19/07

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AAT an Occam's razor. Why anthropologists don't accept the AAT (<https://groups.io/g/AAT/message/42277?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2240,64955407)

Has anyone actually looked into hair patterns on other apes,monkeys, or better still polar bears since they dive and swim in a full coat of fur on a daily basis? ( curiously polar bears, have a black

By m3dodds · #42277 · 9/19/07

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AAT an Occam's razor. Why anthropologists don't accept the AAT (<https://groups.io/g/AAT/message/42274?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2240,64955407)

Good point,DD. Don't think I have ever seen featherless bird ( apart from the very young in the nest ~ and those that are about to get cooked ). No adaptive advantage in being featherless, like their

By m3dodds · #42274 · 9/19/07

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AAT an Occam's razor. Why anthropologists don't accept the AAT (<https://groups.io/g/AAT/message/42269?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2240,64955407)

The answer, to the question you were actually asking. ---m3d

By m3dodds · #42269 · 9/19/07

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Lost in a Million-Year Gap, Solid Clues to Human Origin (<https://groups.io/g/AAT/message/42265?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2240,64955540)

<http://www.nytimes.com/2007/09/18/science/18evol.html?ex=1190779200&en=88cb0> Not much of a mystery, if the ancestors of genus Homo were elsewhere (were out of Africa), or on the shore, or both sometim

By m3dodds · #42265 · 9/19/07

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AAT an Occam's razor. Why anthropologists don't accept the AAT (<https://groups.io/g/AAT/message/42264?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2240,64955407)

Neither, Algis. There is a third answer, that simply answers the question you are actually asking. ---m3d

By m3dodds · #42264 · 9/19/07

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AAT an Occam's razor. Why anthropologists don't accept the AAT (<https://groups.io/g/AAT/message/42261?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2240,64955407)

As Einstein said make it simple, but not simpler. ---m3d "Everything should be made as simple as possible, but not simpler." ( Einstein )

By m3dodds · #42261 · 9/19/07

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AAT an Occam's razor. Why anthropologists don't accept the AAT (<https://groups.io/g/AAT/message/42233?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2240,64955407)

accept the AAT phrase Occam's razor is often bandied about as if it was a definitive refutation. Yes he said it all, in one simple sentence.

Einstein's own theory was elegant, beautiful and simple. Be

By m3dodds · #42233 · 9/18/07

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AAT an Occam's razor. Why anthropologists don't accept the AAT (<https://groups.io/g/AAT/message/42230?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2240,64955407)

Think most PA's would disagree with you, Marc. ( unfortunately ) ---m3d "Everything should be made as simple as possible, but not simpler." ( Einstein ) \_\_\_\_\_

By m3dodds · #42230 · 9/18/07

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AAT an Occam's razor. Why anthropologists don't accept the AAT (<https://groups.io/g/AAT/message/42218?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2240,64955407)

With respect Marc, that was not the point he was making. It is the AAT's obvious lack of parsimony that he claims as the reason why most paleo-anthropologists, do not take the AAT seriously. Is the AA

By m3dodds · #42218 · 9/18/07

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AAT an Occam's razor. Why anthropologists don't accept the AAT (<https://groups.io/g/AAT/message/42185?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2240,64955407)

accept the AAT non-explanation. John Hawks says it's because we became so sweaty. That's only driving it one stage back - why did we and none of the others become so sweaty? No answer.The choice is be

By m3dodds · #42185 · 9/17/07

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AAT an Occam's razor. Why anthropologists don't accept the AAT (<https://groups.io/g/AAT/message/42183?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2240,64955407)

Agree. Not so sure, Algis. John Hawks made a number of valid points in his blog as to why the AAT has not been seen as parsimonious.  
regards ---m3d

By m3dodds · #42183 · 9/17/07

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AAT an Occam's razor. Why anthropologists don't accept the AAT (<https://groups.io/g/AAT/message/42176?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2240,64955407)

John Hawks explanation ( 2005 ), remains the best explanation as to why anthropologists do not accept the AAT  
<http://www.johnhawks.net/weblog/topics/pseudoscience/> "But there is more than a small reas

By m3dodds · #42176 · 9/17/07

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AAT an Occam's razor (<https://groups.io/g/AAT/message/42155?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2240,64955366)

Occam's razor. ( parsimony ) The principle states that the explanation of any phenomenon should make as few assumptions as possible, eliminating those that make no difference in the observable predict

By m3dodds · #42155 · 9/16/07

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Cunnane and Crawford: a rebuttal (<https://groups.io/g/AAT/message/42110?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2240,64955265)

Not exactly, Marc. That rebuttal deals mainly with DHA. In a neuroscience article ( an excellent article on the role of the seashore) last year, Cunnane himself on this subject, said that he believed

By m3dodds · #42110 · 9/15/07

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Bipedalism is no argument pro AAT (Re: Re: 5th March is Aquatic Ape Day

(<https://groups.io/g/AAT/message/42109?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2260,64954878>)

Going for a walk, which is the more efficient. 2.9 km/hr the normal knuckle-walking speed of chimps, 4.5 km/hr the normal bipedal walking speed of humans. ( Rodman and McHenry 1980 ) ---m3d they your

By m3dodds · #42109 · 9/15/07

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Cunnane and Crawford: a rebuttal (<https://groups.io/g/AAT/message/42102?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2260,64955265)

Docosahexaenoic acid and shore-based diets in hominin encephalization: a rebuttal. Carlson and Kingston ([2007]: Am J Hum Biol 19:132-141) propose that preformed dietary docosahexaenoic acid (an omega

By m3dodds · #42102 · 9/15/07

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Waterside Hypotheses (<https://groups.io/g/AAT/message/42087?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2260,64955156)

Thanks. Feel free to re-word it, if you think it can be improved on. Meantime, I will re-post it. regards ---m3d

By m3dodds · #42087 · 9/15/07

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Waterside Hypotheses (<https://groups.io/g/AAT/message/42086?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2260,64955234)

Hypotheses, that water has acted as an agent of selection in the evolution of humans( genus Homo ) more than it has in the evolution of the other apes. And that, as a result many of the major physical

By m3dodds · #42086 · 9/15/07

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5th March is Aquatic Ape Day (<https://groups.io/g/AAT/message/42082?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2260,64954391)

As DD said Rob, it is good to hear from you. ---m3d

By m3dodds · #42082 · 9/15/07

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Waterside Hypotheses (<https://groups.io/g/AAT/message/42067?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2260,64955156)

Waterside Hypotheses Hypotheses, that water has acted as an agent of selection in the evolution of humans( genus Homo ) more than it has in the evolution of the other apes. And that, as a result many

By m3dodds · #42067 · 9/14/07

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Waterside Hypotheses (<https://groups.io/g/AAT/message/42057?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2260,64955156)

Algis, it also has the advantage, you do not need to go into tedious an totally pointless explanations, of what is meant by expression \*Aquatic Ape\*. Best regards ---m3d

By m3dodds · #42057 · 9/14/07

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5th March is Aquatic Ape Day (<https://groups.io/g/AAT/message/42056?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2260,64954391)

Algis, there soon will be more of us. Best regards ---m3d

By m3dodds · #42056 · 9/14/07

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5th March is Aquatic Ape Day (<https://groups.io/g/AAT/message/42000?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2260,64954391)

Guess Algis that is a good argument, we can have another day, whether it was on the shore or in a gallery forest. For now, while I would have liked something a little more unambiguous, I have no probl

By m3dodds · #42000 · 9/12/07

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5th March is Aquatic Ape Day (<https://groups.io/g/AAT/message/41993?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2260,64954391)

If we were talking about genus Homo only, then probably marshes and swamps should be included. Otherwise, I would go with Hardy an say that Man ( pre-Homo ) first had his encounter with water in any m

By m3dodds · #41993 · 9/12/07

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5th March is Aquatic Ape Day (<https://groups.io/g/AAT/message/41991?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2260,64954391)

Algis - Would not the use of 'waterside', exclude the ocean, lake and river shore on the same basis that you say the use of 'shore', would exclude inland waterside habitats? 'Waterside hypotheses' is

By m3dodds · #41991 · 9/12/07

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5th March is Aquatic Ape Day (<https://groups.io/g/AAT/message/41968?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2260,64954391)

Would agree, Algis, it would be a sensible change. Would think most of us would agree that the ancestors of genus Homo lived on the shore ( lived waterside ). Though I would tend favor naming it "Shor

By m3dodds · #41968 · 9/11/07

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5th March is Aquatic Ape Day (<https://groups.io/g/AAT/message/41967?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2260,64954391)

Algis Westenhöfer, from the partial translation I have read, argued, that Man had little in common with the other primates... "Homo sapiens cannot be a close relative of primates, because the speciali

By m3dodds · #41967 · 9/11/07

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5th March is Aquatic Ape Day (<https://groups.io/g/AAT/message/41937?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2260,64954391)

Your welcome, Renato. Possibly in English, it has fallen into disuse. ---m3d

By m3dodds · #41937 · 9/10/07

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5th March is Aquatic Ape Day (<https://groups.io/g/AAT/message/41907?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2260,64954391)

Renato The definition I quoted, is from the two following online English dictionaies (1) <http://dictionary.reference.com/browse/aquatile> (2) <http://www.thefreedictionary.com/Aquatile> The word is also

By m3dodds · #41907 · 9/10/07

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5th March is Aquatic Ape Day (<https://groups.io/g/AAT/message/41902?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2260,64954391)

Algis, on hypotheses vs theory, I would say that you an Elaine are both correct if you view hypotheses as supposition ( assumption ), an theory the scientific step beyond supposition ( being testable

By m3dodds · #41902 · 9/10/07

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5th March is Aquatic Ape Day (<https://groups.io/g/AAT/message/41897?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2260,64954391)

Aquatile - is in the dictionary. Aquatile - Inhabiting the water. ( not a useful definition ) ---m3d

By m3dodds · #41897 · 9/10/07

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5th March is Aquatic Ape Day (<https://groups.io/g/AAT/message/41877?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2260,64954391)

Morning Renato As to the classification of polar bears as marine mammals, in this context it should be pointed out that "marine" designates a saltwater species ( marine ape theory, anyone? ). IMO whil

By m3dodds · #41877 · 9/09/07

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Hardy: Aquatic Ape Hypothesis (<https://groups.io/g/AAT/message/41872?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2260,64954642)

Algis. Got a copy. Thanks. Will see if its more readable, when I convert it back to a text doc. ---m3d

By m3dodds · #41872 · 9/08/07

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Humans' Complex Social Skills Due to Larger Brains (<https://groups.io/g/AAT/message/41862?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2260,64954777)

Researchers who put human toddlers and great apes through a series of physical and cognitive tests found that human social skills are superior to those of our closest genetic relatives, whose brains a

By m3dodds · #41862 · 9/08/07

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Hardy: Aquatic Ape Hypothesis (<https://groups.io/g/AAT/message/41845?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2280,64954642)

Thanks, Marc. I was not able, to find out anything about the 2nd paper. ---m3d

By m3dodds · #41845 · 9/06/07

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Hardy: Aquatic Ape Hypothesis (<https://groups.io/g/AAT/message/41844?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2280,64954642)

Crouching? Possibly once the tide is out, it would be easier on the back than bending to dig out and pick up cockles, on a wet beach.

Forced, no. Opportunity, yes. Once our ancestors, started living

By m3dodds · #41844 · 9/06/07

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Hardy: Aquatic Ape Hypothesis (<https://groups.io/g/AAT/message/41840?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2280,64954642)

Many thanks, Elaine. I now have, a pdf copy of Hardy's excellent article... "Was Man more Aquatic in the Past?" Was little surprised though, to find that he had followed it up with one titled... ( whi

By m3dodds · #41840 · 9/06/07

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5th March is Aquatic Ape Day (<https://groups.io/g/AAT/message/41799?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2280,64954391)

Algis - I wish you luck in converting students at Uni, they may be more open to new ideas than their elders, but the evidence of the last 47 years would seem to indicate otherwise. It seems a simple t

By m3dodds · #41799 · 9/05/07

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Hardy: Aquatic Ape Hypothesis (<https://groups.io/g/AAT/message/41797?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2280,64954642)

"My thesis is that a branch of this primitive ape-stock was forced by competition from life in the trees to feed on the seashores and to hunt for food, shell fish, sea-urchins, etc., in the shallow wa

By m3dodds · #41797 · 9/05/07

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5th March is Aquatic Ape Day (<https://groups.io/g/AAT/message/41791?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2280,64954391)

What is it about the idea, of our ancestors living and foraging on the shore an not on inland plains that is so difficult for the scientific community even to discuss, as a hypotheses? Is it the image

By m3dodds · #41791 · 9/04/07

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5th March is Aquatic Ape Day (<https://groups.io/g/AAT/message/41782?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2280,64954391)

Algis Your intention is right, but I am sorry to say there too many of these special "days" for it to be noticed. After all how many are aware, or care that the following day - March 6th, is Dentist D

By m3dodds · #41782 · 9/03/07

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Human Family Tree Now a Tangled, Messy Bush (<https://groups.io/g/AAT/message/41763?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2280,64954595)

"The straight line has blossomed into a spreading, rather uncontrolled bush and we don't like it. We want our history to be nice and neat, but the fossils keep messing us up". full article: LIVE SCIEN

By m3dodds · #41763 · 9/02/07

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tectonic globes miocene, sunda, afar, peritethys (<https://groups.io/g/AAT/message/41762?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2280,64954524)

DD - That's what I thought at first, when I checked out the rest of Professor Blakey's site, as the maps showing the formation of the Mediterranean area looked very familiar. Guess they have updated i

tectonic globes miocene, sunda, afar, peritethys (<https://groups.io/g/AAT/message/41761?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2280,64954524)

IMO it is pretty accurate reconstruction, accurate as any reconstruction can be. Professor Blakey ( Dr.Ronald C. Blakey ) and his colleagues, seems to know their subject ( geology ) pretty well, if no

By m3dodds · #41761 · 9/02/07

tectonic globes miocene, sunda, afar, peritethys (<https://groups.io/g/AAT/message/41737?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2280,64954524)

Excellent link, DD. Fascinating to see how the Earth looked, at different times over the last 600 million years. Alien looking Earths, living Earths, millions an millions of years before Man walked th

By m3dodds · #41737 · 9/01/07

Hs & nets (Re: Hn (Re: Re: inner ear balance hominids (<https://groups.io/g/AAT/message/41726?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2280,64954492)

Not certain. Guess some of the evidence comes from the numerous cave-paintings, they left on cave walls. Our Cro-magnon predecessors are generally credited with a long list of innovations, among them

By m3dodds · #41726 · 9/01/07

Hn (Re: Re: inner ear balance hominids (<https://groups.io/g/AAT/message/41710?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2280,64954400)

Thrusting or digging into something, can be said to be similar. As is throwing a ball is different from repeatedly hitting a ball with a tennis racket. Didn't the Cro-magnons ( first Europeans ) make

By m3dodds · #41710 · 8/31/07

Hn (Re: Re: inner ear balance hominids (<https://groups.io/g/AAT/message/41698?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2280,64954400)

As said their injuries are said to comparable, to rodeo injuries, namely head and neck injuries... Injuries more common to being thrown around, than those suffered from falling out of trees. As you sa

By m3dodds · #41698 · 8/30/07

Hn (Re: Re: inner ear balance hominids (<https://groups.io/g/AAT/message/41686?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2280,64954400)

Would agree we need more info. but if they were ambush hunters, killing their prey at close quarters it would be one explanation for the injuries, they sustained. Not sure about H.n, but it would seem

By m3dodds · #41686 · 8/30/07

Hn (Re: Re: inner ear balance hominids (<https://groups.io/g/AAT/message/41675?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2280,64954400)

Would say, the depiction of them as ambush hunters ( carnivore hunters ) is an accurate one, as they seemed to have killed their prey close up ( resulting in significant number of broken bones, accord

By m3dodds · #41675 · 8/29/07

inner ear balance hominids (<https://groups.io/g/AAT/message/41674?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2280,64954210)

Wouldn't that indicate that H.neanderthal also had hearing comparable to H.s, as H.hidelbergenis is said to have been direct ancestor to the Neanderthals. H.antecessor > H.hidelbergenis > H.neandertha

By m3dodds · #41674 · 8/29/07

Gimme, gimme! (<https://groups.io/g/AAT/message/41667?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2280,64954386)

A common hand gesture, upturned palms, the orgin of language? ---m3d \_\_\_\_\_ A World of Eloquence in an Upturned Palm <http://tinyurl.com/37nqa9> New York Times Science 28.8.07

By m3dodds · #41667 · 8/28/07

inner ear balance hominids (<https://groups.io/g/AAT/message/41666?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2280,64954210)

DD - One further bit, on our long gone Neanderthal kin. I remembered this news item from last year, that may help you picture how they lived... Neanderthal 'butchers shop' found By John Lichfield in C

By m3dodds · #41666 · 8/28/07

Out of Africa. Impossible? (<https://groups.io/g/AAT/message/41658?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2280,64954365)

Genetics and recent human evolution. Evolution Int J Org. Evolution (2007) AR Templeton <http://www.mitochondrial.net/showabstract.php?pmid=17598736> \_\_\_\_\_ ---m3d

By m3dodds · #41658 · 8/27/07

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inner ear balance hominids (<https://groups.io/g/AAT/message/41645?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2300,64954210)

Possible. If H.n an H.e were more robust - shorter necks, more muscular shoulders... had a more "locked head" ... they could have been less agile. If I'm right it is the movements of the head, that ar

By m3dodds · #41645 · 8/26/07

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[SPAM] Hominid find (<https://groups.io/g/AAT/message/41636?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2300,64954148)

Down on the bottom level ... ---m3d it is teeth

By m3dodds · #41636 · 8/25/07

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inner ear balance hominids (<https://groups.io/g/AAT/message/41635?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2300,64954210)

wrote: DD - Wasn't always cold while the Neanderthals were around, they lived through temperate periods too. They also lived in the Middle east, central Asia... an on the ( northern ) Med coast. Would

By m3dodds · #41635 · 8/25/07

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[SPAM] Hominid find (<https://groups.io/g/AAT/message/41620?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2300,64954148)

What did you find, the entrance to the next level? ---m3d animal that those everything to have, is stretching.

By m3dodds · #41620 · 8/25/07

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inner ear balance hominids (<https://groups.io/g/AAT/message/41619?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2300,64954210)

DD - SCC's are about body position an movement, why do you think there is a temperature link? It is said H.n had smaller SCC's because they were a less agile species ( moved slower ). An H.s ( an H.e

By m3dodds · #41619 · 8/25/07

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[SPAM] Hominid find (<https://groups.io/g/AAT/message/41605?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2300,64954148)

Question, which is the more important find, a paleoanthropologist finding nine teeth... or astronomers finding there is a big hole in the Universe? <http://tinyurl.com/38hhds> \_\_\_\_\_

By m3dodds · #41605 · 8/24/07

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[SPAM] Hominid find (<https://groups.io/g/AAT/message/41604?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2300,64954148)

"You would have thought paleoanthropology would have learned something from Ramapithecus. Dental gorillas don't mean actual gorillas. Just like being a dental hominid didn't make Ramapithecus a real h

By m3dodds · #41604 · 8/24/07

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Dryop.laietanus below-branch (<https://groups.io/g/AAT/message/41573?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2300,64954105)

<mario.petrinovic1@...> wrote: Mario - Neat pics. The reconstruction of what it may have looked like - is weird, to say the least. This item from New Scientist, suggests it swung through the trees, an

By m3dodds · #41573 · 8/23/07

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Dolphin swallows some prime Scottish salmon for supper (<https://groups.io/g/AAT/message/41567?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2300,64954155)

Some amazing pictures, of dolphins catching salmon in the Moray Firth ( Scotland ). ---m3d Fast Food: The amazing pictures that capture the moment a dolphin swallows some prime Scottish salmon... By D

By m3dodds · #41567 · 8/23/07

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[SPAM] Hominid find (<https://groups.io/g/AAT/message/41566?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2300,64954148)

Could have been twenty million years ago, according to this quote: "In fact, if the orang line was present in Africa prior (to the) first migration of Miocene (some 23-25 million years ago) apes from

By m3dodds · #41566 · 8/23/07

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Dryop.laietanus below-branch (<https://groups.io/g/AAT/message/41551?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2300,64954105)

A study of a 9.5-million-year-old fossil of the ape Hispanopithecus laietanus reveals that it had fingers that were longer than those of a modern gorilla or human, but not as long as those of an orang

By m3dodds · #41551 · 8/22/07

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Why blue-eyed boys (and girls) are so brilliant (<https://groups.io/g/AAT/message/41531?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2300,64953973)

Would like to point out, that while blue eyes are pretty common in Europe, they are also found among the populations of the middle east, Iran, an the Himalaya foothills ( northern India an Pakistan ).

By m3dodds · #41531 · 8/22/07

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Why blue-eyed boys (and girls) are so brilliant (<https://groups.io/g/AAT/message/41507?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2300,64953973)

wrote: ----- Michael - That's even more depressing, than knowing there are fewer brilliant minds when we start counting our numbers in billions. Slàinte mhath ---m3d -----

By m3dodds · #41507 · 8/21/07

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J.Hawks on ER-3735 part.skeleton (<https://groups.io/g/AAT/message/41502?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2300,64953984)

[http://johnhawks.net/weblog/fossils/habilis/er/er\\_3735\\_limb\\_proportions\\_2007](http://johnhawks.net/weblog/fossils/habilis/er/er_3735_limb_proportions_2007) the JHE estimates) had P --MV: important role believed afarensis. OH 62 Olduvai length. to their close to the individuals a

By m3dodds · #41502 · 8/21/07

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2 ma footprint (<https://groups.io/g/AAT/message/41501?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2300,64954020)

[http://news.yahoo.com/s/nm/20070820/sc\\_nm/egypt\\_antiquities\\_dc;\\_ylt=ApCKAXCo5ZM\\_MLk1gK9vKv0iANEA](http://news.yahoo.com/s/nm/20070820/sc_nm/egypt_antiquities_dc;_ylt=ApCKAXCo5ZM_MLk1gK9vKv0iANEA) Thanks for the link - DD Found another site, with a photo of the footprint, here... <http://tinyurl.com/>

By m3dodds · #41501 · 8/21/07

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Why blue-eyed boys (and girls) are so brilliant (<https://groups.io/g/AAT/message/41500?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2300,64953973)

Would say it's more an observation, than an actual study. Though it does raise the question with the human population of the planet approaching seven billion, why are there so few brilliant minds thes

By m3dodds · #41500 · 8/21/07

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ER-42700 calvaria & -42703 maxilla (<https://groups.io/g/AAT/message/41476?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2300,64953848)

Even if the hum-fem.index of 95 is incorrect, its upper limbs were longer than its lower limbs. OH-62 was also apparently much smaller in stature at a metre tall, in comparison to the much taller He.

By m3dodds · #41476 · 8/20/07

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Why blue-eyed boys (and girls) are so brilliant (<https://groups.io/g/AAT/message/41475?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2300,64953973)

Scientists discover what may have made Stephen Hawking - and Lily Cole - so intelligent Daily Mail - Science an Technology Why blue-eyed boys (and girls) are so brilliant by Ben Clerkin [http://tinyurl](http://tinyurl.com/)

By m3dodds · #41475 · 8/20/07

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Common Descent by DDeden (<https://groups.io/g/AAT/message/41463?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2300,64953806)

but the DD - To avoid confusion, it may be better to differentiate between \*sweating\* as in Man and the numerous other substances secreted through the skin by other species, such as hippos. Sweating i

By m3dodds · #41463 · 8/19/07

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Common Descent by DDeden (<https://groups.io/g/AAT/message/41452?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2300,64953806)

very Don't know, but when it comes to thermoregulation the rule is animals with small/thin bodies heat up and cool down fast, an animals with large/thick bodies heat up slow and cool down slowly. So

By m3dodds · #41452 · 8/18/07

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Common Descent by DDeden (<https://groups.io/g/AAT/message/41449?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2320,64953806)

Would think Hippos don't sweat, for the same reason Elephants can't sweat( too big, an animal ). Anyway don't Hippo's spend all day immersed in water? Unlikely frogs can sweat, they are too small, but  
By m3dodds · #41449 · 8/18/07

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ER-42700 calvaria & -42703 maxilla (<https://groups.io/g/AAT/message/41446?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2320,64953848)

Removing the habilis ( if it ever existed ) as a direct ancestor, would be a step in the right direction. Possibly the next step is to have it confirmed as an A'pith, but it is an unlikely step as con

By m3dodds · #41446 · 8/18/07

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ER-42700 calvaria & -42703 maxilla (<https://groups.io/g/AAT/message/41443?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2320,64953848)

Thanks Marc. The Spoor paper certainly has stirred things up a little. Would tend to agree with Leakey on the habilis ( see quote, below ). ---m3d quote: "Their co-existence makes it unlikely that Hom

By m3dodds · #41443 · 8/18/07

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Common Descent by DDeden (<https://groups.io/g/AAT/message/41440?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2320,64953806)

O.K. Osmoregulation, not thermoregulation... ---m3d that both before cocktail. backfloating at order to accumulated sunny ancient cows). diving

By m3dodds · #41440 · 8/18/07

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Common Descent by DDeden (<https://groups.io/g/AAT/message/41436?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2320,64953806)

DD - Guess someone should ask the obvious question. What would be the point of sweating, while immersed in water? High sweat production ( hot temperature - sweating ) is reliant on evaporation from ou

By m3dodds · #41436 · 8/18/07

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First Europeans Came From Asia, Not Africa, Tooth Study Suggests (<https://groups.io/g/AAT/message/41414?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2320,64953770)

Sahara Desert Was Once Lush and Populated By Bjorn Carey, LiveScience Staff Writer

[http://www.livescience.com/history/060720\\_sahara\\_rains.html](http://www.livescience.com/history/060720_sahara_rains.html) \_\_\_\_\_ ---m3d

By m3dodds · #41414 · 8/16/07

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Is the Out of Africa Theory Out? (<https://groups.io/g/AAT/message/41411?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2320,64953816)

S.A's take on this new study indicating a bigger role for Asia, than some would like us to accept... Scientific American News: August 08, 2007  
Is the Out of Africa Theory Out? All the ancestors of con

By m3dodds · #41411 · 8/16/07

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Homo, Pan & Macaca (<https://groups.io/g/AAT/message/41410?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2320,64953724)

Agree - DD. Carbs supply the glucose, the energy for our daily needs - in simple and complex forms. Not likely to be directly involved in brain growth, other than as source of fuel. Though access to a

By m3dodds · #41410 · 8/16/07

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Out of Africa 1 (Erectines) looking like a big goof... (<https://groups.io/g/AAT/message/41409?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2320,64953757)

Not only a difference in the morphology of the brain, but also in their semicircular canals... ( A'piths were more ape/chimp -like ) 'Toumai' is intriguing, as evidence of a much wider spread of homin

By m3dodds · #41409 · 8/16/07

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Out of Africa 1 (Erectines) looking like a big goof... (<https://groups.io/g/AAT/message/41396?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2320,64953757)

Dan - If H.erectus originated outside of Africa, it may go some way in explaining recent research, that appears to indicate that the Habilis ( if it ever existed ) is not a direct ancestor. Exciting Ne

By m3dodds · #41396 · 8/15/07

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Homo, Pan & Macaca (<https://groups.io/g/AAT/message/41380?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2320,64953724)

Thanks - DD 1% is a huge difference, an the actual difference is closer to 3% ... The authors argue it was a switch to a carbohydrate based diet that fueled the growth of our big brain. Can you think

By m3dodds · #41380 · 8/14/07

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### Fossils Could Force Rethink of Human Evolution (<https://groups.io/g/AAT/message/41366?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2320,64953627)

More info, details, photos and the answers to some questions. <http://www.kfrp.com/media/index.htm> ---m3d Koobi Fora Research Project  
Exciting New Kenyan Fossils Challenge Established Views on Early Ev

By m3dodds · #41366 · 8/13/07

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### Fossils Could Force Rethink of Human Evolution (<https://groups.io/g/AAT/message/41352?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2320,64953627)

wrote: It's a good few years( too many decades) since I attended High school ( an read Darwin). On the other hand, I have always kind of understood that the point of Darwin's finches, was that dif

By m3dodds · #41352 · 8/11/07

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### Fossils Could Force Rethink of Human Evolution (<https://groups.io/g/AAT/message/41345?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2320,64953627)

wrote: That is as valid point. There is a tendency fostered by many in paleoanthropology, to see it as a neat linear succession of species. Weren't Darwin's finches, in the same geographical area but

By m3dodds · #41345 · 8/10/07

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### Fossils Could Force Rethink of Human Evolution (<https://groups.io/g/AAT/message/41334?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2320,64953627)

This appears to be big news, news to shake the the human tree, change human evolution! But they are just confirming what has been said in this group many times... habilis as direct human ancestor, is

By m3dodds · #41334 · 8/09/07

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### (OT) When Lions, Buffaloes and Crocodiles Attack (<https://groups.io/g/AAT/message/41333?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2320,64953625)

A wildlife video clip that shows, that prey sometimes get their revenge. The last 4 minutes are amazing... ---m3d  
[http://popsci.typepad.com/popsci/2007/06/when\\_lions\\_buff.html](http://popsci.typepad.com/popsci/2007/06/when_lions_buff.html)

By m3dodds · #41333 · 8/09/07

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### Why do humans have protruding noses? (Ask a biologist) (<https://groups.io/g/AAT/message/41332?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2320,64953595)

wrote: Would say that the jaws do no present a problem at birth, it is more of a matter of keeping the fetus long enough in the womb to ensure our relatively large brain can continue to develop immedi

By m3dodds · #41332 · 8/09/07

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### Why do humans have protruding noses? (Ask a biologist) (<https://groups.io/g/AAT/message/41327?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2320,64953595)

The nose has some other functions. Having the nostrils hanging directly over the mouth could aid our sense of taste ( taste and smell, being almost one sense ). The smell of what your eating drifts up

By m3dodds · #41327 · 8/08/07

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### Early humans hailed from Asia, too (<https://groups.io/g/AAT/message/41323?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2320,64953601)

Report: Asians played a bigger part in settlement of Europe than Africans By Randolph E. Schmid WASHINGTON - Early humanlike residents of Europe may have arrived out of Asia, rather than just Africa.

By m3dodds · #41323 · 8/08/07

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### Why do humans have protruding noses? (Ask a biologist) (<https://groups.io/g/AAT/message/41322?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2320,64953595)

By m3dodds · #41322 · 8/08/07

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### Tooth study gives Asia bigger role in Europe (<https://groups.io/g/AAT/message/41312?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2340,64953567)

<mario.petrinovic1@...> wrote: Thanks, for the link Mario. ---m3d

By m3dodds · #41312 · 8/06/07

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### Shocking news about cold water (<https://groups.io/g/AAT/message/41306?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2340,64953411)

<mario.petrinovic1@...> wrote: Tombstoning ( jumping of cliffs or rocks ) can be risky, even the experienced can make mistakes, as this recent BBC news report shows... "A top Australian bodyboarder is

By m3dodds · #41306 · 8/05/07

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## A 30,000-year Record Of Sea Surface Temperatures (<https://groups.io/g/AAT/message/41299?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2340,64953535)

A 30,000-year Record Of Sea Surface Temperatures Off South Australia <http://www.sciencedaily.com/releases/2007/08/070801173805.htm>

Would seem when Man first arrived in Australia,

By m3dodds · #41299 · 8/04/07

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## "From biped to strider" DJ Meldrum & CE Hilton eds 2004 (<https://groups.io/g/AAT/message/41298?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2340,64953471)

Not all that surprising, that the modern human striding walking gait should be different from that of the a'pith... that left Laetoli footprints. --- m3d markedly the other suggested by bipedality. gai

By m3dodds · #41298 · 8/04/07

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## Shocking news about cold water (<https://groups.io/g/AAT/message/41290?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2340,64953411)

submerging dominates water compared DD - I would say - partially submerged - fits the bill, after seeing these pics...

[http://www.fotosearch.com/photos-images/partially-submerged\\_2.html](http://www.fotosearch.com/photos-images/partially-submerged_2.html) or <http://tiny>

By m3dodds · #41290 · 8/03/07

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## Yawning Cools the Brain (<https://groups.io/g/AAT/message/41289?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2340,64952882)

DD - Possibly your thinking about - stretching - which does involve raising the arms fully upwards in the manner you describe. Some stretch after a nap, some before or after exercise. Lots of animals

By m3dodds · #41289 · 8/03/07

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## Hominids outside of Africa 3.4 mya (<https://groups.io/g/AAT/message/41283?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2340,64953387)

All evidence that hominids/apes have been leaving Africa for millions of years. Afrocentrics would argue that everything under the Sun occurred in the interior of Africa, it is one reason why they are

By m3dodds · #41283 · 8/03/07

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## Yawning Cools the Brain (<https://groups.io/g/AAT/message/41281?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2340,64952882)

Always thought the 'full stretch' was gesture only seen in movies. Most seem to open the jaws wide, as wide as humanly possible, while others raise their arms( bent ) with clenched fists no higher tha

By m3dodds · #41281 · 8/03/07

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## Shocking news about cold water (<https://groups.io/g/AAT/message/41280?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2340,64953411)

think so. is no increase the Immersion is the opposite of emersion. Emersion - 'emerge from the water'. Immersion - going under Emersion - coming out ---m3d 1 - 3 is a these would

By m3dodds · #41280 · 8/03/07

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## Shocking news about cold water (<https://groups.io/g/AAT/message/41262?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2340,64953411)

keeps the relying more position and cooler Would say immersion, not submersion as they were still at the surface. Usually submersion means being under, an immersion, being put under. Agree. When you t

By m3dodds · #41262 · 8/02/07

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## Hominids outside of Africa 3.4 mya (<https://groups.io/g/AAT/message/41259?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2340,64953387)

Wouldn't think so, possibly the drier African climate favors fossilization, but then again a number of the fossils found were of those that died when the climate was not all that dry. Most likely expl

By m3dodds · #41259 · 8/02/07

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## Shocking news about cold water (<https://groups.io/g/AAT/message/41258?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2340,64953411)

The gasp is involuntary, an apparently more related to full immersion in cold water. Wouldn't think our early ancestors went for swim in water that was much cooler than body heat. ( shallow warm water

By m3dodds · #41258 · 8/02/07

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## Shocking news about cold water (<https://groups.io/g/AAT/message/41257?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2340,64953411)

They certainly did not go for a swim, in the brass monkey waters of the North sea or the north Atlantic. More likely they went swimming in

Javanese waters. ---m3d  
By m3dodds · #41257 · 8/02/07

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### Shocking news about cold water (<https://groups.io/g/AAT/message/41241?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2340,64953411)

Cold water kills. The hazards of cold water <http://www.ybw.com/auto/newsdesk/20060313132245ywnnews.html> ---m3d

By m3dodds · #41241 · 8/01/07

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### Hominids outside of Africa 3.4 mya (<https://groups.io/g/AAT/message/41240?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2340,64953387)

Thank Marc - I came across his paper for the first time, when reading a news report on the recent discovery of 1 million year old footprints found in the Margalla Hills. Clearly as the Chinese's have a

By m3dodds · #41240 · 8/01/07

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### Hominids outside of Africa 3.4 mya (<https://groups.io/g/AAT/message/41234?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2340,64953387)

Abstract - The Siwalik Hills have yielded what is perhaps the world's most ancient early hominid. In December 1992 I discovered a hominid mandibular ramus and a hominid femur in association with stone

By m3dodds · #41234 · 7/31/07

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### Climate Changes, Species Diverge (<https://groups.io/g/AAT/message/41221?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2340,64953342)

Marc - Thanks for the (PLoS) extract . Hofreiter appears to be claiming as he did in Nat.Geo that it was climate change, not a case of parallel evolution. Using the Mastodon divergence 24-28 mya, the

By m3dodds · #41221 · 7/27/07

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### Climate Changes, Species Diverge (<https://groups.io/g/AAT/message/41215?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2340,64953342)

Elephants and primates ( an other species ?) apparently diverged around the same time ... Was climate change responsible, or was it simply a coincidence... ---m3d \_\_\_\_\_ The most wide

By m3dodds · #41215 · 7/27/07

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### Reconstructing Proto-sapiens? (<https://groups.io/g/AAT/message/41206?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2340,64953308)

Don't know about primates, other species humming ( wouldn't depend their hearing - the frequency of the sounds they can hear? )

Interestingly the Earth 'herself' hums ( has a hum - inaudible to the hu

By m3dodds · #41206 · 7/25/07

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### Reconstructing Proto-sapiens? (<https://groups.io/g/AAT/message/41202?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2340,64953308)

[http://www.usatoday.com/tech/science/2007-07-20-linguists-one-language\\_N.htm](http://www.usatoday.com/tech/science/2007-07-20-linguists-one-language_N.htm) Would say it was more of an indication that the adaption ( for language) was well underway. A shift towards the hearing the

By m3dodds · #41202 · 7/25/07

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### Reconstructing Proto-sapiens? (<https://groups.io/g/AAT/message/41196?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2360,64953308)

[http://www.usatoday.com/tech/science/2007-07-20-linguists-one-language\\_N.htm](http://www.usatoday.com/tech/science/2007-07-20-linguists-one-language_N.htm) > Would think this may be a futile exercise, in the sense to speak you need to hear the spoken word. That ability may have

By m3dodds · #41196 · 7/23/07

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### Not so fast, says one anthropologist (<https://groups.io/g/AAT/message/41184?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2360,64953294)

John Hawks - in his anthro blog has a little more to say on the recent study that claimed to be the "definitive" one on the OoA hypothesis ...

<http://tinyurl.com/2jkpny> ---m3d

By m3dodds · #41184 · 7/22/07

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### Human Origin Impossible to Pinpoint (<https://groups.io/g/AAT/message/41172?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2360,64953219)

How they lived shaped their evolution. Where could have been anywhere from the Afar, to a beach in Java... an all points in between. John Hawks in his blog, has had a little more to say on this study.

By m3dodds · #41172 · 7/21/07

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### website (<https://groups.io/g/AAT/message/41160?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2360,64953231)

Excellent site, Elaine. <http://www.elainemorgan.me.uk/> ---m3d

By m3dodds · #41160 · 7/20/07

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Human Origin Impossible to Pinpoint (<https://groups.io/g/AAT/message/41154?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2360,64953219)

Would tend to agree that morphological comparisons of 2000 year old skulls, would be of little help in obtaining a definitive answer of this "problem" ... Definitive answers, doctrinal purity is bes

By m3dodds · #41154 · 7/20/07

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Human Origin Impossible to Pinpoint (<https://groups.io/g/AAT/message/41150?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2360,64953219)

All modern humans originated in sub-Saharan Africa, according to a new study touted by its funders as the "final blow" against an opposing viewpoint. Not so fast, says one anthropologist who finds fla

By m3dodds · #41150 · 7/19/07

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No OOTI? (<https://groups.io/g/AAT/message/41149?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2360,64953195)

Thanks for the John Hawks link, Dan. ---m3d LIVESCIENCE [http://www.livescience.com/health/070718\\_africa\\_origins.html](http://www.livescience.com/health/070718_africa_origins.html)

By m3dodds · #41149 · 7/19/07

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No OOTI? (<https://groups.io/g/AAT/message/41141?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2360,64953195)

Definitive sums up this study. If you want definitive answers, study theology. ---m3d around the more than mirrored by colonized the which held different areas much-heated sample single populations ye

By m3dodds · #41141 · 7/18/07

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1997 Ancestor of Ancestors (<https://groups.io/g/AAT/message/41124?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2360,64953161)

Morotopithecus bishopi HARVARD GAZETTE ARCHIVES 1997 An Ancestor of Human Ancestors Found By William J. Cromie Gazette Staff The bones of a distant relative of ours have been discovered in Uganda. He

By m3dodds · #41124 · 7/17/07

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Study identifies energy efficiency as reason for evolution of upright walking

(<https://groups.io/g/AAT/message/41120?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2360,64953152>)

Original news release UA News.org 16.07.07 Study identifies energy efficiency as reason for evolution of upright walking A new study provides support for the hypothesis that walking on two legs, or bi

By m3dodds · #41120 · 7/17/07

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Viva Bipedalism... (<https://groups.io/g/AAT/message/41096?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2360,64953033)

Humans scrunch ( tucked under toes ) their toes too in certain circumstances, like when pushing-off when running on soft sand ( gives you a stronger platform when pushing-off on soft sand )... ---m3d

By m3dodds · #41096 · 7/16/07

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Bipedalism 20+ million years old? Article. (<https://groups.io/g/AAT/message/41095?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2360,64953071)

Thanks for the links Dan. Macaques are known to wade bipedally, but that pic of Natasha is beautiful, she is not only walking upright but doing so with complete ease( as if after recovering from a se

By m3dodds · #41095 · 7/16/07

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Viva Bipedalism... (<https://groups.io/g/AAT/message/41083?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2360,64953033)

Toes tucked under, a firmer (weight bearing) foot to walk on the ground? Pic of an Orang utan wading waist deep... <http://www.primates.com/orangutans/watercross.html> Pic of one standing on two feet...

By m3dodds · #41083 · 7/15/07

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Viva Bipedalism... (<https://groups.io/g/AAT/message/41070?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2360,64953033)

Not on chimps, but this Wikipedia article is on hair an human hair growth patterns. Basically the difference is humans have altered ( selected? ) the growth cycle ( the anagen bit ) of their body hair

By m3dodds · #41070 · 7/14/07

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Viva Bipedalism... (<https://groups.io/g/AAT/message/41068?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2360,64953033)

Viva bipedalism!! A pic of an Orang utan going for a walk on two legs... <http://www.primates.com/orangutans/walking.html> ---m3d

By m3dodds · #41068 · 7/14/07

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Yawning Cools the Brain (<https://groups.io/g/AAT/message/41051?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2360,64952882)

Scrunching the eyes( tightly closing the eyes as an exercise ) is said to help in reducing stress in the facial muscles, so possibly closing the eyes during yawning improves blood flow into the brain.

By m3dodds · #41051 · 7/12/07

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Yawning Cools the Brain (<https://groups.io/g/AAT/message/41044?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2360,64952882)

Should have mentioned there was a PDF ... Curious that at the peak of a yawn most people close there eyes ... wonder why. 50.F ( 10.C. )

That is a bit cold, to go for a swim - DD!! ---m3d

By m3dodds · #41044 · 7/11/07

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Yawning Cools the Brain (<https://groups.io/g/AAT/message/41025?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2360,64952882)

Would be DD - it only comes into play if you do not ventilate the nasal cavity by breathing through the nose ( nasal cavity ) on a regular basis.

Of the groups they used in the study, the ones that br

By m3dodds · #41025 · 7/11/07

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Greenland's ancient forests (<https://groups.io/g/AAT/message/41014?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2360,64952851)

As you say it's unlikely they all lived in cold milieus, more likely they cold-adapted as the ice-age gained a hold. Other reasons to suspect that not all Hn lived in cold milieus, was the spread of t

By m3dodds · #41014 · 7/10/07

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Yawning Cools the Brain (<https://groups.io/g/AAT/message/41013?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2360,64952882)

Welcome back DD ( for a long breather... ) Yawning to cool the brain, seems to be more plausible than any other explanation. Blood flowing through blood vessels in the nasal cavity cools the forehead,

By m3dodds · #41013 · 7/10/07

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Yawning Cools the Brain (<https://groups.io/g/AAT/message/41006?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2380,64952882)

" The psychologists, who studied yawning in college students, concluded that people do not yawn because they need oxygen, since experiments show that raising or lowering oxygen and carbon dioxide in t

By m3dodds · #41006 · 7/09/07

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Greenland's ancient forests (<https://groups.io/g/AAT/message/41005?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2380,64952851)

Given the right combination of circumstances, it may be possible ( depends on preservation ).Rapid cooling and being in a deep freeze has worked in this case and for the DNA recovered from Mammoths (

By m3dodds · #41005 · 7/09/07

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Greenland's ancient forests (<https://groups.io/g/AAT/message/41003?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2380,64952851)

Original news release on this research from the University of Copenhagen. If the date of 800,000 years is correct then it would appear Europe ( Spain ), was first colonized by Man ( H.antecessor - H.H

By m3dodds · #41003 · 7/08/07

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Greenland's ancient forests (<https://groups.io/g/AAT/message/40991?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2380,64952851)

"We have shown for the first time that southern Greenland, which is currently hidden under more than 2km of ice, was once very different to the Greenland we see today," explains Professor - Eske Wille

By m3dodds · #40991 · 7/06/07

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Was Lucy a Brutal Brawler? (<https://groups.io/g/AAT/message/40989?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2380,64952826)

No doubt like chimpanzees, a'piths were aggressive but to argue they had 'short legs' because they fought,is to use the same simplistic

argument that says our ancestors needed long legs, to see over

By m3dodds · #40989 · 7/06/07

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The Ghost in Your Genes (<https://groups.io/g/AAT/message/40982?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2380,64952830)

Biology stands on the brink of a shift in the understanding of inheritance. The discovery of epigenetics – hidden influences upon the genes – could affect every aspect of our lives. At the heart of th

By m3dodds · #40982 · 7/05/07

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Back to "Chimpanzee retroviruses," regarding insular environment (<https://groups.io/g/AAT/message/40973?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2380,64952782)

Virus spread would have depend on the size of the population infected ( the size of the the gorilla-chimp-a'pith population, when the virus struck ), the duration of the infection, the method by which

By m3dodds · #40973 · 7/04/07

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Back to "Chimpanzee retroviruses," regarding insular environment (<https://groups.io/g/AAT/message/40958?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2380,64952782)

Dan Most of us accept the possibility that our ancestors were absent from mainland Africa when the gorilla/chimp RV ( retrovirus ) struck. Absent or isolated sometime between 4 and 3 million years ago

By m3dodds · #40958 · 7/03/07

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Million-year-old human tooth found in Spain (Update) (<https://groups.io/g/AAT/message/40950?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2380,64952690)

Agree. The definition of what is a boat, can be pretty wide. It should not be limited to what most would class as a boat today. ---m3d \_\_\_\_\_

By m3dodds · #40950 · 7/02/07

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Bipedal P & G (<https://groups.io/g/AAT/message/40948?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2380,64952656)

Agree. :) Possibly, the admiral spent too much time at sea. ---m3d

By m3dodds · #40948 · 7/02/07

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Million-year-old human tooth found in Spain (Update) (<https://groups.io/g/AAT/message/40940?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2380,64952690)

Marc, many thanks for the link. Swimming, the straits seems the best of the three possibilities. Floating, you would probably end up in the icy waters of the Atlantic. Walking,would indicate the preva

By m3dodds · #40940 · 7/02/07

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Bipedal P & G (<https://groups.io/g/AAT/message/40939?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2380,64952656)

In evolutionary terms, bipedal bonobos remain a possibility. But an expanding human population makes it unlikely. Carthaginian admiral Hanno, is credited with discovering the gorilla during his attemp

By m3dodds · #40939 · 7/02/07

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Bipedalism [ AAH ] - Wikipedia (<https://groups.io/g/AAT/message/40927?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2380,64952733)

Bipedalism Most apes are at least temporarily bipedal, using their upright state for locomotion, feeding and sentry behaviour, all of which are useful for terrestrial life. Brachiators such as orangut

By m3dodds · #40927 · 7/01/07

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Bipedal P & G (<https://groups.io/g/AAT/message/40923?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2380,64952656)

Possibly, it was something they lost when adopted a K.walking gait ( an irreversible trait? ). Gorillas are possibly more at ease on two feet than chimpanzees because they spend more of their adult li

By m3dodds · #40923 · 7/01/07

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Million-year-old human tooth found in Spain (Update) (<https://groups.io/g/AAT/message/40922?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2380,64952690)

If this story proves to have some merit, it could indicate that it was possible to enter Europe ( via a land-bridge? ) a million odd years ago, from north-west Africa. ---m3d

By m3dodds · #40922 · 7/01/07

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Million-year-old human tooth found in Spain (Update) (<https://groups.io/g/AAT/message/40908?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2380,64952690)

Spanish researchers on Friday said they had unearthed a human tooth more than one million years old, which they estimated to be the oldest human fossil remain ever discovered in western Europe. <http://>

By m3dodds · #40908 · 6/30/07

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Bipedal P & G (<https://groups.io/g/AAT/message/40898?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2380,64952656)

Amazing!!! Gorillas, bonobos and chimpanzees walking upright without wading, whatever next... \_\_\_\_\_ Thanks Marc.

The gorilla in the photos looks perfectly natural on two feet ( at

By m3dodds · #40898 · 6/30/07

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Jablonksi on AAT = the usual PA misconceptions (<https://groups.io/g/AAT/message/40854?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2380,64952343)

Why would an arboreal-biped devolve to some form of quadruped gait moving on the ground? Bipedalism on the ground, is primarily about adapting to balancing and walking effortlessly on two legs, without

By m3dodds · #40854 · 6/27/07

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OT: Rise of man theory 'out by 400,000 years' (<https://groups.io/g/AAT/message/40838?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2380,64952550)

The accepted timescale of Man's evolution is being challenged by a German archaeologist who claims to have found evidence that Homo erectus — mankind's early ancestor, who migrated from Africa to Asia

By m3dodds · #40838 · 6/26/07

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Jablonksi on AAT = the usual PA misconceptions (<https://groups.io/g/AAT/message/40834?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2380,64952343)

Their legs are shorter, and they are not fully upright ( they have just discovered the fossils of two giant penguin species that lived 30 to 40 million years ago - Icadypetes, the bigger of the two, was

By m3dodds · #40834 · 6/26/07

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Jablonksi on AAT = the usual PA misconceptions (<https://groups.io/g/AAT/message/40825?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2400,64952343)

Would walking on dry land, include the beach the foreshore? ( humans use eye-foot coordination, to make rapid changes to where the foot is placed - which would have been useful on a variable surface s

By m3dodds · #40825 · 6/25/07

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Jablonksi on AAT = the usual PA misconceptions (<https://groups.io/g/AAT/message/40799?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2400,64952343)

Elaine, Marc If you wish to make human posture comparisons with Penguins, there is a photo of a penguin skeleton in the photos section that you may find helpful in this regard. I would only make one g

By m3dodds · #40799 · 6/24/07

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Yawning To Pay Attention (<https://groups.io/g/AAT/message/40774?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2400,64952427)

Psychologists Attribute Yawning To The Need To Cool The Brain And Pay Attention Science Daily — The next time you "catch a yawn" from someone across the room, you're not copying their sleepiness, you'

By m3dodds · #40774 · 6/22/07

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Semi-circ.canal orientation (<https://groups.io/g/AAT/message/40772?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2400,64952393)

Thanks Marc. Have just downloaded the pdf. Ear.bones (ear-canals) appear to be a more accurate indicator of locomotion,how an animal moved, moves. ---m3d Quantitative three species and canal size g

By m3dodds · #40772 · 6/22/07

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Study Looks At How Extinct Primates Moved (<https://groups.io/g/AAT/message/40752?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2400,64952379)

Pennsylvania State University researchers used high-resolution computerized tomography scans in the first large-scale study of the relationship between modes of locomotion and the dimensions of an imp

By m3dodds · #40752 · 6/21/07

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2007: finally: "Bipedality seems to antedate the P/H divergence" (<https://groups.io/g/AAT/message/40704?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2400,64952253)

Probably wont convince those knuckleheads who like to tell just-so stories about the 'knuckle-walking' ancestors of Man. m3d Knucklehead: From the 1930's (circa). Refers to a person of questionable in

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### Shifty Eyes See Finer Details? (<https://groups.io/g/AAT/message/40703?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2400,64952274)

cats, volunteers jittering kept served to track images lines at then the thick regardless of determine the help the tree in case" neuroscientist Diego, cataloging Rucci's Intriguing piece of research.

By m3dodds · #40703 · 6/17/07

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### Walking on Trees (<https://groups.io/g/AAT/message/40640?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2400,64952043)

<mario.petrinovic1@...> wrote: Agree - forests [including canopy ] change and evolve in response to the prevailing climate of the day - so it is highly likely during the Miocene a number of apes, adap

By m3dodds · #40640 · 6/08/07

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### Aquatic ape goes fishing ... (<https://groups.io/g/AAT/message/40633?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2400,64952134)

Some of you may enjoy this story [ by George Wolf ] about an aquatic ape... fishing in a mountain lake, in Uganda. [ it's loosely based on Elaine Morgan's aquatic ape theory ] <http://tinyurl.com/2454q>

By m3dodds · #40633 · 6/06/07

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### Walking on Trees (<https://groups.io/g/AAT/message/40632?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2400,64952043)

<mario.petrinovic1@...> wrote: If you are going to swing from branch to branch, obviously a long narrow hand [an fingers]offers a more secure grip. Pierolapithecus non-suspensory, an indication it was

By m3dodds · #40632 · 6/06/07

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### Walking on Trees (<https://groups.io/g/AAT/message/40625?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2400,64952043)

<mario.petrinovic1@...> wrote: Why would Pierolapithecus need narrow hands [long fingers ]if it only used its hands to climb vertically, and grasp branches for balance when walking? ---m3d

By m3dodds · #40625 · 6/05/07

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### Walking on Trees (<https://groups.io/g/AAT/message/40623?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2400,64952043)

<mario.petrinovic1@...> wrote: Pierolapithecus... common ancestor, walking on trees 12-13Ma? ---m3d

By m3dodds · #40623 · 6/05/07

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### Walking on Trees (<https://groups.io/g/AAT/message/40610?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2400,64952043)

To err is human.... <http://tinyurl.com/3389wb> If you use this link, an scroll down about three quarters of the page, you will find what they had to say about "complicated scenarios"... ---m3d

By m3dodds · #40610 · 6/03/07

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### Walking on Trees (<https://groups.io/g/AAT/message/40608?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2400,64952043)

--- In AAT@..., Marc Verhaegen <m\_verhaegen@...> wrote: Thanks. Marc ---m3d > > Walking on Trees > Paul O'Higgins & Sarah Elton 2007 > Science 316:1292-4 > Observations of modern orangutan

By m3dodds · #40608 · 6/03/07

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### Walking on Trees (<https://groups.io/g/AAT/message/40607?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2400,64952043)

Hi Algis Welcome back. Just a breif comment. Neither you or Marc, appear to be aware of what may be the reason why neither the Delta hypothesis as such or the aquarboreal paper, got a mention... Let u

By m3dodds · #40607 · 6/03/07

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### AAT "thankfully" eased to be a problem (Re: "bipedal" oranges (<https://groups.io/g/AAT/message/40591?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2400,64952027)

Not certain, but was it Dr.Dunsworth... she used the sentence... "...Just because aquatic ape theory is (thankfully) dead we should not overlook the possibility that ancient hominins dipped, waded, an

By m3dodds · #40591 · 6/02/07

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### Walk Like an Orangutan (<https://groups.io/g/AAT/message/40590?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2400,64951986)

Possible... Have yet to read the full article in Science, so I may be wrong here.... But, I think the focus is more on how they [orangs] use their legs [their walking technique], not so much on their  
By m3dodds · #40590 · 6/02/07

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Walk Like an Orangutan (<https://groups.io/g/AAT/message/40585?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2400,64951986)

A difference in body sizes [monkeys]? Possible... from these observations of how Orangutans move through the forest canopy, it looks like the basic framework for a possible upright gait on the ground  
By m3dodds · #40585 · 6/02/07

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Walk Like an Orangutan (<https://groups.io/g/AAT/message/40584?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2400,64951986)

<mario.petrinovic1@...> wrote: Mario - As the authors of this intriguing hypothesis... themselves say... "...there is no need to explain how flexed-limb quadrupedalism could evolve into upright straig  
By m3dodds · #40584 · 6/02/07

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Walk Like an Orangutan (<https://groups.io/g/AAT/message/40571?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2400,64951986)

Forget that savanna knuckle-walking ancestor nonsense....Walk like an Orangutan!! ---m3d \_\_\_\_\_ "...To walk upright is to be human. At least that's what paleoanthropologists have th  
By m3dodds · #40571 · 6/01/07

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(2) afarensis = Gorilla?? ('Lucy' is not direct ancestor of humans (<https://groups.io/g/AAT/message/40556?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2420,64951894)

Yes. Closer to G than P-like ... [ HPG-LCA = G&P-LCA ] Smaller the animal, higher the energy requirement ...per unit of body weight. Usually means smaller animals feed on a wider variety of foods, tha  
By m3dodds · #40556 · 5/28/07

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The Human diet... Fuelling a Big Brain... (<https://groups.io/g/AAT/message/40541?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2420,64951750)

<mario.petrinovic1@...> wrote: Mario - pleased to hear you managed to get a copy. The authors are simply saying that the nutrients obtained from marine sources are beneficial to the brain, improve bra  
By m3dodds · #40541 · 5/27/07

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(2) afarensis = Gorilla?? ('Lucy' is not direct ancestor of humans (<https://groups.io/g/AAT/message/40539?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2420,64951894)

<http://www.willighp.de/evo/thema/primaten/primaten12.php?PHPSESSID=2c13cf0c3> Homo sapien = wise man/knowning-man. Possibly the G&P LCA was gorilla-like. Smaller primates omnivorous,more omnivorous than  
By m3dodds · #40539 · 5/27/07

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afarensis = Gorilla?? ('Lucy' is not direct ancestor of humans (<https://groups.io/g/AAT/message/40538?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2420,64951698)

Yes. G in captivity, eats meat. Possibly the G&P LCA was an omnivore. In the millions of years primates have been around, it's likely some species have dabbled with an omnivore diet... Some monkeys to  
By m3dodds · #40538 · 5/27/07

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afarensis = Gorilla?? ('Lucy' is not direct ancestor of humans (<https://groups.io/g/AAT/message/40528?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2420,64951698)

Whilst G appears not to eat meat, they appear strictly vegetarian... both P an H do eat meat [ making them omnivores ]. So it either was present as trait, before H diverged or a trait both P an H evol  
By m3dodds · #40528 · 5/26/07

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(2) afarensis = Gorilla?? ('Lucy' is not direct ancestor of humans (<https://groups.io/g/AAT/message/40526?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2420,64951894)

<http://www.willighp.de/evo/thema/primaten/primaten12.php?PHPSESSID=2c13cf0c3> Thanks Marc. Had a look at the translated version of the site. Liked the way they listed fossil finds, makes it easier to f  
By m3dodds · #40526 · 5/26/07

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afarensis = Gorilla?? ('Lucy' is not direct ancestor of humans (<https://groups.io/g/AAT/message/40511?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2420,64951698)

As both P an H would be more or less omnivore in terms of diet, would a gradual shift to a seafood diet on the part of H ...over a number of generations, be sufficient? Why isopatric speciation? Why n  
By m3dodds · #40511 · 5/25/07

Perceptions of epigenetics (<https://groups.io/g/AAT/message/40507?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2420,64951840)

Thanks Marc. Epigenetics "inheritance, but not as we know it" ---m3d obvious subject science what is because it it was during ever, use obsolete. The epigenetics is epigenetic definition variety syste

By m3dodds · #40507 · 5/24/07

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afarensis = Gorilla?? ('Lucy' is not direct ancestor of humans (<https://groups.io/g/AAT/message/40506?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2420,64951698)

Similar climatic changes, plus adaption to similar niches? Agree... As there is no single mechanism, possibly isolation [ as a result of changing sea levels?] on the ocean shore for a number of genera

By m3dodds · #40506 · 5/24/07

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afarensis = Gorilla?? ('Lucy' is not direct ancestor of humans (<https://groups.io/g/AAT/message/40496?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2420,64951698)

disproven the hominids." at the Au.afarensis Au.afarensis ancestor. Lucy markedly in the inflation also pattern of A.afarensis thick or very long good already on -----

By m3dodds · #40496 · 5/23/07

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afarensis = Gorilla?? ('Lucy' is not direct ancestor of humans (<https://groups.io/g/AAT/message/40490?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2420,64951698)

called [Lucy] specimen of gorillas. This many chimplike, eg, those A.afarensis the hominoids. characterized by a qualitatively A.afarensis gorilla." scapula and hypothesis 5-4 Ma? mosaic -----

By m3dodds · #40490 · 5/22/07

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afarensis = Gorilla?? ('Lucy' is not direct ancestor of humans (<https://groups.io/g/AAT/message/40487?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2420,64951698)

Australopithecus hominid." third to the incorrect mates and pattern with contrast provide importance of been a minimal 'Lucy' could be closer to Gorilla than P&H, more Gorilla-like than P&H, but Goril

By m3dodds · #40487 · 5/21/07

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Human skin (<https://groups.io/g/AAT/message/40481?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2420,64951720)

Not surprising, mainstream scientists spend their lives seeking the approval of their colleagues...Must be difficult for them, to think for themselves... ---m3d waded, and evolution. of Homo http://re

By m3dodds · #40481 · 5/20/07

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The Human diet... Fuelling a Big Brain... (<https://groups.io/g/AAT/message/40480?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2420,64951750)

<mario.petrinovic1@...> wrote: Mario - Forget that link. Try this one, it should cost you nothing to get a copy. www.north.londonmet.ac.uk/ibchn/publication/cbp03\_cunnane.pdf http://tinyurl.com/3xw8f2

By m3dodds · #40480 · 5/20/07

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afarensis = Gorilla?? ('Lucy' is not direct ancestor of humans (<https://groups.io/g/AAT/message/40478?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2420,64951698)

skeleton humans and The suggests robustus. The as a been in in the found mostly discovered hominids even ape-like Just checked the paper: there is evidence that it had airsacs - More evidence that it

By m3dodds · #40478 · 5/20/07

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afarensis = Gorilla?? ('Lucy' is not direct ancestor of humans (<https://groups.io/g/AAT/message/40472?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2420,64951698)

Sackler wrote, "The as a other appearance in morphology. This and its ramidus is phylogenetic probably etc.), and of the arguments of the cranial and the flat, is most long & wading-climbing (laryngea

By m3dodds · #40472 · 5/19/07

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The Human diet... Fuelling a Big Brain... (<https://groups.io/g/AAT/message/40471?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2420,64951750)

<mario.petrinovic1@...> wrote: While it may be extensive it is worth while reading in its entirety, though I would suggest substituting the words `marine foods' for `animal foods' ... I would also rec

By m3dodds · #40471 · 5/19/07

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Human skin (<https://groups.io/g/AAT/message/40470?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2420,64951720)

wrote: Marc - Have you heard anything further from Dr.Dunsworth? Her inclusion of the word - thankfully- in brackets when dismissing the aquatic ape theory... while commenting on Jablonski's arguments  
By m3dodds · #40470 · 5/19/07

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### The Human diet... Fuelling a Big Brain... (<https://groups.io/g/AAT/message/40462?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2420,64951750)

The Relationship of Dietary Quality and Gut Efficiency to Brain Size Excerpt: "...Brain growth dependent on preformed long-chain fatty acids such as DHA. The most plausible current hypothesis for the

By m3dodds · #40462 · 5/18/07

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### Brain, Size and Gender Surprises... (<https://groups.io/g/AAT/message/40460?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2420,64951676)

<mario.petrinovic1@...> wrote: Why? A diet of marine invertebrates may not have caused the increase in size of the human brain, but it clearly was what fuelled the growth... ---m3d

By m3dodds · #40460 · 5/18/07

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### afarensis = Gorilla?? ('Lucy' is not direct ancestor of humans (<https://groups.io/g/AAT/message/40459?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2440,64951698)

theory that found another afarensis finding relatives of gorillas, the modern its own abbreviated African orang-utan. premolar modern if the females. only in asterionic Kimbel & regard from the to the

By m3dodds · #40459 · 5/18/07

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### Brain, Size and Gender Surprises... (<https://groups.io/g/AAT/message/40450?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2440,64951676)

anthropoid ever that of Aegyptopithecus scanning of Aegyptopithecus ratio lower recovered previous (apparently to a catarrhines), pattern of treated I agree... ---m3d

By m3dodds · #40450 · 5/17/07

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### Brain, Size and Gender Surprises... (<https://groups.io/g/AAT/message/40433?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2440,64951676)

<mario.petrinovic1@...> wrote: Mario - Apparently they inhabited tropical forests, so its possible they were folivorous [or frugivores] ... though folivorous species due to the nature of their diet te

By m3dodds · #40433 · 5/17/07

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### Brain, Size and Gender Surprises... (<https://groups.io/g/AAT/message/40429?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2440,64951676)

A surprisingly complete fossil skull of an ancient relative of humans, apes and monkeys bears striking evidence that our remote ancestor was less mentally advanced than expected by about 29 million ye

By m3dodds · #40429 · 5/16/07

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### 'Lucy' is not direct ancestor of humans (<https://groups.io/g/AAT/message/40418?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2440,64951638)

<mario.petrinovic1@...> wrote: You could add to what Prof. Yoel Rak and his colleagues had to say...the orientation of its shoulder joints, its curved finger bones its short legs not to say feet witho

By m3dodds · #40418 · 5/13/07

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### 'Lucy' is not direct ancestor of humans (<https://groups.io/g/AAT/message/40415?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2440,64951638)

Another one falls off the tree... an bites the dust. \_\_\_\_\_ Apr.16. 07 Israeli researchers: 'Lucy' is not direct ancestor of humans By JUDY SIEGEL-ITZKOVICH Tel Aviv University ant

By m3dodds · #40415 · 5/12/07

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### Gorilla-like Australopithecus (<https://groups.io/g/AAT/message/40410?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2440,64951580)

:-) Marc... did you see this, last month? JP Sci-tech Israeli researchers: 'Lucy' is not direct ancestor of humans Tel Aviv University anthropologists say they have disproven the theory that "Lucy" -

By m3dodds · #40410 · 5/10/07

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### Apiths ate USOs? (<https://groups.io/g/AAT/message/40399?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2440,64951508)

<mario.petrinovic1@...> wrote: Intermediate... Thanks, Mario. ---m3d

By m3dodds · #40399 · 5/09/07

Gorilla-like Australopithecus (<https://groups.io/g/AAT/message/40392>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2440,64951580)

Gorilla-like anatomy on Australopithecus afarensis mandibles suggests Au. afarensis link to robust australopiths. Mandibular ramus morphology on a recently discovered specimen of Australopithecus afar

By m3dodds · #40392 · 5/09/07

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Apiths ate USOs? (<https://groups.io/g/AAT/message/40391>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2440,64951508)

Doesn't the orang... have intermediate enamel thickness? The quote above was from the UIC college of dentistry website, [dentistry with an anthropological slant] for students... Most of the refs quote

By m3dodds · #40391 · 5/09/07

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Apiths ate USOs? (<https://groups.io/g/AAT/message/40377>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2440,64951508)

"...Thin enamel has been described as an adaptation for fruit eating. Thick enamel is a response to processing tougher plant foods. The dichotomy may be misleading because the thickness of the enamel

By m3dodds · #40377 · 5/08/07

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Gorilla-like Australopithecus (<https://groups.io/g/AAT/message/40368>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2440,64951459)

<mario.petrinovic1@...> wrote: O.K. ---m3d

By m3dodds · #40368 · 5/06/07

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Gorilla-like Australopithecus (<https://groups.io/g/AAT/message/40365>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2440,64951459)

<mario.petrinovic1@...> wrote: Mario - It would seem your dispute is with the accuracy of the molecular clock [or clocks], not the science of genetics... of inheritance. Genetics is science of genes.

By m3dodds · #40365 · 5/05/07

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Early Humans Dug for food in swampy areas (<https://groups.io/g/AAT/message/40362>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2440,64951477)

Perhaps the A'piths at the end... attempted to adapt to life on the edge of the savannah, and failed... Whereas the predecessors of Homo had it easier on the shore, and survived. Their last meal, a me

By m3dodds · #40362 · 5/04/07

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Gorilla-like Australopithecus (<https://groups.io/g/AAT/message/40361>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2440,64951459)

<mario.petrinovic1@...> wrote: Mario - Why do you think of it as a circus? Genetics is simply... the science of inheritance... hereditary characteristics... Humans, have practised genetics in one form

By m3dodds · #40361 · 5/04/07

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Early Humans Dug for food in swampy areas (<https://groups.io/g/AAT/message/40359>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2440,64951477)

[http://news.yahoo.com/s/livescience/20070502/sc\\_livescience/earlyhumansdugforfoodstudysuggests](http://news.yahoo.com/s/livescience/20070502/sc_livescience/earlyhumansdugforfoodstudysuggests) > The use of the term Humans is questionable, as this study concerns the A'piths...namely the Australopit

By m3dodds · #40359 · 5/03/07

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Gorilla-like Australopithecus (<https://groups.io/g/AAT/message/40354>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2440,64951459)

<mario.petrinovic1@...> wrote: Mario - You seem to have a low opinion of the science of genetics, an geneticists... 15 million years ago is far too early...Over the last decade or so, the date of the

By m3dodds · #40354 · 5/01/07

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Gorilla-like Australopithecus (<https://groups.io/g/AAT/message/40351>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2440,64951459)

<mario.petrinovic1@...> wrote: Mario - As far as I understand it A.ramidus is not accepted as a direct predecessor of Homo, it was judged to be too ape-like... Even if were accepted as a predecessor..

By m3dodds · #40351 · 4/30/07

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Gorilla-like Australopithecus (<https://groups.io/g/AAT/message/40348>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2440,64951459)

Gorilla-like anatomy on Australopithecus afarensis mandibles suggests Au. afarensis link to robust australopiths. Mandibular ramus

morphology on a recently discovered specimen of Australopithecus afar  
By m3dodds · #40348 · 4/29/07

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Brain's speech site is revisited and revised (<https://groups.io/g/AAT/message/40344?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2440,64951416)

Thanks DD... Language: I would make a clear distinction between the spoken word and what proceeded speech. Our ears have only recently adapted to hear the spoken word [ in the last few hundred thousand

By m3dodds · #40344 · 4/27/07

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Brain's speech site is revisited and revised (<https://groups.io/g/AAT/message/40343?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2460,64951416)

Yes an no, Marc... in the sense it involved the heart but was in itself a simple medical procedure [recommended as a preventive measure]... Intriguingly the mutations that in time gave us fine control

By m3dodds · #40343 · 4/27/07

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Brain's speech site is revisited and revised (<https://groups.io/g/AAT/message/40335?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2460,64951416)

Marc Guess we both found it newsworthy, an likely to be of interest to others on this list... I came across the Nature alert on the subject this morning, when wading through the emails that have colle

By m3dodds · #40335 · 4/26/07

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Brain's speech site is revisited and revised (<https://groups.io/g/AAT/message/40331?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2460,64951416)

Analysis of two damaged brains, preserved in a museum since the nineteenth century, could force neuroscientists to rethink the area where language resides in the brain. Nature <http://www.nature.com/ne>

By m3dodds · #40331 · 4/26/07

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Mantle convection [was: Macaque-chimp-Homo genome, retrovirus]

(<https://groups.io/g/AAT/message/40266?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2460,64951267>)

Marc One aspect of plate tectonics that does impact on human origins... is that the rift valley is an example of diverging plates [ plates moving apart ] Africa is breaking apart... along the rift val

By m3dodds · #40266 · 4/19/07

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Macaque-chimp-Homo genome, retrovirus (<https://groups.io/g/AAT/message/40248?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2460,64951021)

penetrating of the [http://scienceblogs.com/loom/2007/04/12/meet\\_the\\_monkey\\_cousins.php](http://scienceblogs.com/loom/2007/04/12/meet_the_monkey_cousins.php) If the new [young] Atlantic ocean had more island groups [ such as volcanic islands ] than today, possibly they i

By m3dodds · #40248 · 4/18/07

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Macaque-chimp-Homo genome, retrovirus (<https://groups.io/g/AAT/message/40247?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2460,64951021)

DD Migration via Antarctica does sound plausible. Wasn't Antarctica temperate [in summer at least] until it finally separated from S.America? --m3d penetrating coast, and of the coast wrote:

By m3dodds · #40247 · 4/18/07

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Macaque-chimp-Homo genome, retrovirus (<https://groups.io/g/AAT/message/40246?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2460,64951021)

Convection... an two possible factors unique to the Earth... Water, the presence of large amounts of water is said to lubricate the subduction of plates. Making plate movements possible. Second, Earth

By m3dodds · #40246 · 4/18/07

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Macaque-chimp-Homo genome, retrovirus (<https://groups.io/g/AAT/message/40233?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2460,64951021)

DD Found some better maps of the period in question [ 40-50 mya ] ... <http://jan.ucc.nau.edu/~rcb7/Eocene.jpg> [click on the maps, for a larger image] Other links, on this page will take you back throu

By m3dodds · #40233 · 4/17/07

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Macaque-chimp-Homo genome, retrovirus (<https://groups.io/g/AAT/message/40227?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2460,64951021)

Not so certain a transatlantic trek would be possible even at 40 mya... as there was apparently a wide ocean between S.America an Africa...40mya. see map: Cenozoic <http://www.handprint.com/PS/GEO/geoe>

By m3dodds · #40227 · 4/17/07

Macaque-chimp-Homo genome, retrovirus (<https://groups.io/g/AAT/message/40216?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2460,64951021)

[http://scienceblogs.com/loom/2007/04/12/meet\\_the\\_monkey\\_cousins.php](http://scienceblogs.com/loom/2007/04/12/meet_the_monkey_cousins.php) Most reliable sources quote 35 mya, is there a reason to think they are wrong? Isn't a gorilla a Hominoid? ---m3d

By m3dodds · #40216 · 4/16/07

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Macaque-chimp-Homo genome, retrovirus (<https://groups.io/g/AAT/message/40202?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2460,64951021)

[http://scienceblogs.com/loom/2007/04/12/meet\\_the\\_monkey\\_cousins.php](http://scienceblogs.com/loom/2007/04/12/meet_the_monkey_cousins.php) Penguins are birds... An orthograde posture, is a Hominoid trait... Orthograde - A term derived from Latin [ortho (upright) + gradi(

By m3dodds · #40202 · 4/15/07

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Macaque-chimp-Homo genome, retrovirus (<https://groups.io/g/AAT/message/40196?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2460,64951021)

long-tailed Platyrrhine-cathartine divergence was about 35 million years ago, so 35-40 mya seems about right ... Aren't atelids [Atelidae?] New World monkeys? not Hominoids... Hominoids = no tails, la

By m3dodds · #40196 · 4/15/07

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Macaque-chimp-Homo genome, retrovirus (<https://groups.io/g/AAT/message/40194?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2460,64951021)

New world about 35 mya ... Old world about 25 mya ... Hominoids - no tails - 25 mya Tail loss... a consequence of adopting a orthograde posture? ---m3d

By m3dodds · #40194 · 4/15/07

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Knut Schmidt-Nielsen (1915-2007) (<https://groups.io/g/AAT/message/40173?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2460,64950970)

<mario.petrinovic1@...> wrote: Mario Do you mean early Homo was an atypical savanna animal? Water... is the main reason, why we were never a savanna animal. Savanna biomes have low rainfall an drought

By m3dodds · #40173 · 4/14/07

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Macaque-chimp-Homo genome, retrovirus (<https://groups.io/g/AAT/message/40164?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2460,64951021)

Macaque genome SCIENCE is doing an online special that includes videos an an neat poster... <http://www.sciencemag.org/sciext/macaque/> ---m3d

By m3dodds · #40164 · 4/14/07

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Macaque-chimp-Homo genome, retrovirus (<https://groups.io/g/AAT/message/40162?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2460,64951021)

Thanks DD Carl Zimmer gives an excellent a lucid explanation... ---m3d

By m3dodds · #40162 · 4/14/07

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What A Difference A Gene Makes... (<https://groups.io/g/AAT/message/40151?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2460,64951011)

Human-Chimp Differences Uncovered With Analysis Of Rhesus Monkey Genome Science Daily — An international consortium of researchers has published the genome sequence of the rhesus macaque monkey and al

By m3dodds · #40151 · 4/13/07

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Chimps use caves (<https://groups.io/g/AAT/message/40150?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2460,64950950)

Cockroaches, also seek cool places ... O.K. ... Taking into account Dmanisi, China and Java... possibly the predecessors of Homo left north Africa, not long after the divergence from the LCA... leavin

By m3dodds · #40150 · 4/13/07

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Knut Schmidt-Nielsen (1915-2007) (<https://groups.io/g/AAT/message/40149?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2460,64950970)

Agree... It's highly unlikely the predecessors of Homo were savanna-dwellers. ---m3d

By m3dodds · #40149 · 4/13/07

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Chimps use caves (<https://groups.io/g/AAT/message/40134?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2460,64950950)

"Savanna" chimps use spears, use caves to stay cool... Evidence for the savanna hypothesis ? None? What about our shore ancestors [2 mya]? ---m3d

By m3dodds · #40134 · 4/12/07

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Knut Schmidt-Nielsen (1915-2007) (<https://groups.io/g/AAT/message/40133?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2480,64950970)

Knut Schmidt-Nielsen, who helped create the modern field of comparative animal physiology, died of natural causes January 25 at his home in Durham, North Carolina. He was 91. <http://www.the-scientist>.

By m3dodds · #40133 · 4/12/07

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Human Evolution Accelerating? (<https://groups.io/g/AAT/message/40070?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2480,64950850)

Richard Evolution doesn't progress, it doesn't have an end-goal...we either survive, or we don't! ... it's up to us... I would say both the Morlocks... an the Eloi [in the shape of the super-rich] are

By m3dodds · #40070 · 4/08/07

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Human Evolution Accelerating? (<https://groups.io/g/AAT/message/40067?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2480,64950850)

Human evolution has been speeding up tremendously, a new study contends-so much, that the latest evolutionary changes seem to largely eclipse earlier ones that accompanied modern

By m3dodds · #40067 · 4/08/07

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good blog: laelaps.wordpress (<https://groups.io/g/AAT/message/40046?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2480,64950803)

Having seen the episode, all it proved was that Chimps will walk bipedally when circumstances require them to do..... That aside, the assumption above is only a valid argument, though a pretty lame

By m3dodds · #40046 · 4/07/07

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good blog: laelaps.wordpress (<https://groups.io/g/AAT/message/40044?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2480,64950803)

Did laelaps actually read Craig Stanford's book? [Upright - published in 2003] or is he just another knuckle-walking enthusiast? IMO seeking a single explanation for bipedalism is futile pastime. ---m

By m3dodds · #40044 · 4/07/07

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Need oxygen? (<https://groups.io/g/AAT/message/40033?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2480,64950782)

Researchers at Johns Hopkins have discovered how cells fine-tune their oxygen use, to make do with whatever amount is available at the moment. <http://www.physorg.com/news95048676.html> \_\_\_\_\_

By m3dodds · #40033 · 4/06/07

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Neandertals ate cattails (<https://groups.io/g/AAT/message/40025?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2480,64950699)

Cattails... are known to have little nutritional value to ruminants, does the energy in the form of carbohydrates stored in their roots[USOs]have a higher nutritional value? ---m3d CATTAILS Cattails h

By m3dodds · #40025 · 4/05/07

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Contacting Yahoo... (<https://groups.io/g/AAT/message/39990?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2480,64950657)

I made a similar request... requesting they move it into the anthropology category,when they responded... Hopefully they will make the change soon. ---m3d > >

By m3dodds · #39990 · 4/03/07

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Contacting Yahoo... (<https://groups.io/g/AAT/message/39980?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2480,64950657)

Yahoo Groups Feedback [http://add2.dir.scd.yahoo.com/fast/help/us/groups/cgi\\_moderators](http://add2.dir.scd.yahoo.com/fast/help/us/groups/cgi_moderators)

By m3dodds · #39980 · 4/02/07

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Where River Meets Sea (<https://groups.io/g/AAT/message/39979?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2480,64950655)

Recent genetic research suggests an expansion along the tropical coastline of the Indian Ocean, between 75,000 and 60,000 years ago, of the population which included the ancestors of all of the non-Af

By m3dodds · #39979 · 4/02/07

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Carry on Walking... (<https://groups.io/g/AAT/message/39963?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2480,64950616)

Carry on Walking The next time you are struggling to carry your bags home from the supermarket just remember that this could, in fact, be the reason you are able to walk upright on two legs at all! Ho

By m3dodds · #39963 · 4/01/07

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Bromage's computer reconstruction of ER-1470 (<https://groups.io/g/AAT/message/39962?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2480,64950529)

[http://scienceblogs.com/afarensis/2007/03/31/hawks\\_on\\_the\\_1470\\_reconstructi/#m](http://scienceblogs.com/afarensis/2007/03/31/hawks_on_the_1470_reconstructi/#m) Is 590-650 cc to high a mean for the "habilis"? "habilis" [KNM ER 1813] <http://www.mnh.si.edu/anthro/humanorigins/ha/hab>.

By m3dodds · #39962 · 4/01/07

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Evolution's Disgusting Side... (<https://groups.io/g/AAT/message/39952?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2480,64950594)

Science Daily — Behind every wave of disgust that comes your way may be a biological imperative much greater than the urge to lose your lunch, according to a growing body of research by a UCLA anthrop

By m3dodds · #39952 · 3/31/07

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How Long is a Child a Child? (<https://groups.io/g/AAT/message/39945?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2480,64950266)

MYH16 inactivation in AMH is a fact, even monkeys like macaques... have jaw muscles a lot more powerful than AMH... The conclusions they made based on their research are reasonable, they may be the wr

By m3dodds · #39945 · 3/30/07

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How Long is a Child a Child? (<https://groups.io/g/AAT/message/39944?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2480,64950266)

--- In AAT@..., "DDeden" <alas\_my\_loves@...> wrote: Eustachian tube [ET] an its function... [http://en.wikipedia.org/wiki/Eustachian\\_tube](http://en.wikipedia.org/wiki/Eustachian_tube) --- m3d > Age & eustachian tube and tensor veli p

By m3dodds · #39944 · 3/30/07

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How Long is a Child a Child? (<https://groups.io/g/AAT/message/39938?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2480,64950266)

Would tend to disagree, a more malleable skull, one not used as an anchor for massive jaw muscles ... can house a larger brain much easier... but that was not my point... I was thinking in terms of l

By m3dodds · #39938 · 3/29/07

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Bromage's computer reconstruction of ER-1470 (<https://groups.io/g/AAT/message/39937?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2480,64950529)

Would agree, Marc...it does appear to be a more accurate reconstruction. Guess in the '70s it was deemed to be Homo, an to be Homo it had to have a good-sized brain and a flat-face. A brain of 500-550

By m3dodds · #39937 · 3/29/07

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Bromage's computer reconstruction of ER-1470 (<https://groups.io/g/AAT/message/39931?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2480,64950529)

Thanks, Marc. If you are still interested you can download a PDF copy of the conference poster used in the original news release, from NYU... <http://www.nyu.edu/public.affairs/releases/detail/1526> Wa

By m3dodds · #39931 · 3/28/07

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Evolution of The Human Brain (<https://groups.io/g/AAT/message/39900?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2480,64950489)

Evolution of The Human Brain: Changing Brain Size and The Fossil Record Full text [ an free PDF ] available at Neurosurgery - Online <http://tinyurl.com/3xxaad> \_\_\_\_\_ This is an excellent i

By m3dodds · #39900 · 3/26/07

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How Long is a Child a Child? (<https://groups.io/g/AAT/message/39886?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2480,64950266)

Or could it be that its origins in part, lie in the mutations that led to selection for [ significantly ] smaller jaw muscles an selection for more precise [ fine ] control of our oral-facial muscles?

By m3dodds · #39886 · 3/25/07

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H.rudolfensis... was apelike... (<https://groups.io/g/AAT/message/39880?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2500,64950426)

H.rudolfensis = A.rudolfensis could be.... if this proves to be an accurate reconstruction. A 1.6 to 1 mya date ? "...Dr. Bromage"s reconstruction also suggests that humans developed a larger brain an

By m3dodds · #39880 · 3/24/07

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H.rudolfensis... was apelike... (<https://groups.io/g/AAT/message/39875?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2500,64950426)

Modern man's earliest known close ancestor was significantly more apelike than previously believed, a New York University College of Dentistry professor has found... NYU 24-03-07 Man's earliest direct

By m3dodds · #39875 · 3/24/07

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How Long is a Child a Child? (<https://groups.io/g/AAT/message/39862?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2500,64950266)

OK, possibly its involvement with speech processing would link it tighter to the development/evolution of the PFC ,even it was not an integral part of the prefrontal cortex... Not so certain that diet

By m3dodds · #39862 · 3/22/07

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How Long is a Child a Child? (<https://groups.io/g/AAT/message/39841?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2500,64950266)

It is pretty close to the PFC, so it is probably reasonable to say its part of the prefrontal cortex. The human brain is said to have increased threefold in size over the last few million years, where

By m3dodds · #39841 · 3/20/07

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How Long is a Child a Child? (<https://groups.io/g/AAT/message/39827?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2500,64950266)

To err is human [anti-AAT ideas].... I though would agree with Hawks that having more white matter... sets us apart [ richer inter-connectivity ]. Though it comes with a price... a longer childhood. T

By m3dodds · #39827 · 3/18/07

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How Long is a Child a Child? (<https://groups.io/g/AAT/message/39823?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2500,64950266)

possible thanks "...The result is that the total prefrontal cortex volume is relatively larger (i.e., relative to the size of the brain) in humans compared to other primates, and that this increase is

By m3dodds · #39823 · 3/18/07

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How Long is a Child a Child? (<https://groups.io/g/AAT/message/39815?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2500,64950266)

DD - As far as I know the consensus is that a'piths an early Homo matured early, like chimpanzees... More on synchrotron microtomography... the technique used. <http://www.esrf.eu/news/timeout/PTaffore>

By m3dodds · #39815 · 3/17/07

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How Long is a Child a Child? (<https://groups.io/g/AAT/message/39808?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2500,64950266)

Research on a Homo sapiens juvenile fossil shows that modern human developmental patterns emerged more than 160,000 years ago... Max Planck Society <http://tinyurl.com/2zt4gj> A long childhood... a Homo

By m3dodds · #39808 · 3/16/07

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Mysteries Of The Voice... (<https://groups.io/g/AAT/message/39807?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2500,64950264)

Science Daily — Although scientists know about basic voice production—the two "vocal folds" in the larynx vibrate and pulsate airflow from the lungs—the larynx is one of the body's least understood or

By m3dodds · #39807 · 3/16/07

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Long Legs Are More Efficient (<https://groups.io/g/AAT/message/39798?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2500,64950244)

Long Legs Science Daily — Scientists have known for years that the energy cost of walking and running is related primarily to the work done by muscles to lift and move the limbs. But how much energy d

By m3dodds · #39798 · 3/14/07

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Short Legs are for Fighting..... (<https://groups.io/g/AAT/message/39797?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2500,64950198)

Not exactly...the point I was making was climbing an aggression... are not mutually exclusive... A neat analogy... Marc Instead of trying to find an answer as to why a'piths had rel.short legs [ in co

By m3dodds · #39797 · 3/14/07

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Short Legs are for Fighting..... (<https://groups.io/g/AAT/message/39788?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2500,64950198)

It is a great illustration of a gorilla skeleton... the University [ Utah ] site that has the original news release, has an illustration you can enlarge... [ or download ]. <http://unews.utah.edu/p/?r=>  
By m3dodds · #39788 · 3/13/07

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### Lice evolution reflects Hs/He contact? (<https://groups.io/g/AAT/message/39787?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2500,64924712)

DD - Thanks for the link [John Hawks]... Basically, our ancestors unwelcome guests... prove little...there are too many variables. If by some remarkable chance... they had anything to do with Man bein

By m3dodds · #39787 · 3/13/07

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### Short Legs are for Fighting..... (<https://groups.io/g/AAT/message/39777?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2500,64950198)

Short Legs Science Daily — Ape-like human ancestors known as australopiths maintained short legs for 2 million years because a squat physique and stance helped the males fight over access to females,

By m3dodds · #39777 · 3/12/07

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### Long Legs are More Efficient... (<https://groups.io/g/AAT/message/39776?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2500,64950195)

Long Legs Science Daily — Scientists have known for years that the energy cost of walking and running is related primarily to the work done by muscles to lift and move the limbs. But how much energy d

By m3dodds · #39776 · 3/12/07

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### Lice evolution reflects Hs/He contact? (<https://groups.io/g/AAT/message/39775?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2500,64924712)

DD - John Hawkes - in is his blog, has an interesting take on our ancestors unwelcome guests.... ---m3d ----- John Hawkes:

Blog \_\_\_\_\_ Three million years of unwanted g

By m3dodds · #39775 · 3/12/07

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### Lice evolution reflects Hs/He contact? (<https://groups.io/g/AAT/message/39767?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2500,64924712)

This proves little..... The lice could have hitched a ride [evolved] on any number of extinct species [Apiths?],... ---m3d people they developments in various that human sapiens close contact anc

By m3dodds · #39767 · 3/11/07

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### Beyond Stones & Bones (<https://groups.io/g/AAT/message/39766?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2500,64950177)

From hair lice to brain genes... The New Science of Human Evolution <http://www.msnbc.msn.com/id/17542627/site/newsweek/> ---m3d

By m3dodds · #39766 · 3/11/07

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### Social Tolerance Allows Bonobos To... (<https://groups.io/g/AAT/message/39760?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2500,64950162)

Science Daily — In experiments designed to deepen our understanding of how cooperative behavior evolves, researchers have found that bonobos, a particularly sociable relative of the chimpanzee, are mo

By m3dodds · #39760 · 3/11/07

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### Videos (<https://groups.io/g/AAT/message/39754?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2500,64950145)

DD Having watched Planet Earth twice... I would recommend watching the entire series.... if you get the chance. The Freshwater episode [part 3]... shows macaques... diving, swimming underwater... ---m

By m3dodds · #39754 · 3/09/07

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### Age-Restricted Area (<https://groups.io/g/AAT/message/39751?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2520,64950011)

No idea... for all we know it could be a computerised process. Doesn't the owner, moderator or moderators have control over group settings such as the category it is placed in? ---m3d may not

By m3dodds · #39751 · 3/09/07

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### What makes the human brain unique? (<https://groups.io/g/AAT/message/39731?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2520,64950078)

"...Preuss found enhanced thrombospondin expression-have larger neuropil space and thus more room for synaptic connections..."

<http://groups.yahoo.com/group/AAT/message/39826> More room[space] for fast

By m3dodds · #39731 · 3/07/07

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What makes the human brain unique? (<https://groups.io/g/AAT/message/39726?>)

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2520,64950078)

Space... to make connections..... ---m3d shift filled humans cram School of human brains the long, turned to found only of brain primate the brains century Yet in that Diego advanced other apes it

By m3dodds · #39726 · 3/06/07

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Age-Restricted Area (<https://groups.io/g/AAT/message/39723?>)

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2520,64950011)

Possibly... Yahoo's group category editors are responsible for the change... ---m3d

By m3dodds · #39723 · 3/06/07

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Greenhouse effect is a myth... (<https://groups.io/g/AAT/message/39717?>)

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2520,64950066)

Do scientists ever agree about anything, for more than a week or two? ---m3d Greenhouse effect is a myth, say scientists <http://tinyurl.com/3byejo>

By m3dodds · #39717 · 3/06/07

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Faces of the Extinct... (<https://groups.io/g/AAT/message/39716?>)

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2520,64949975)

It's more a question of facial expression... The facial expression on the their depiction of an A.afarensis... is too human. Apparently climatic The enamel cranial sinus periods...). monkeys, eg, adap

By m3dodds · #39716 · 3/06/07

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Faces of the Extinct... (<https://groups.io/g/AAT/message/39695?>)

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2520,64949975)

<mario.petrinovic1@...> wrote: You could be right... their depiction [facial reconstruction] of a Australopithecus afarensis is too human... it looks like an attempt to put a human facial expression,

By m3dodds · #39695 · 3/05/07

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Faces of the Extinct... (<https://groups.io/g/AAT/message/39691?>)

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2520,64949975)

<mario.petrinovic1@...> wrote: I would say the facial reconstructions of the H.heidelbergensis an H.neanderthal are human facial reconstructions... More on reconstructing faces from fossils... <http://>

By m3dodds · #39691 · 3/05/07

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Faces of the Extinct... (<https://groups.io/g/AAT/message/39677?>)

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2520,64949975)

Facial reconstructions [ illustrations ] of some ancient apes, an two human ancestors... featured in this month's Nat.History magazine... --- m3d "Faces of the Human Past" By Richard Milner and Ian Tat

By m3dodds · #39677 · 3/04/07

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Genomic Relationships and Speciation Times of primates (<https://groups.io/g/AAT/message/39667?>)

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2520,64949935)

It is interesting - intriguing... Their new 4 million year date, for the chimp-human split... has generated a few posts in a thread [LCA H/P 4ma] started by DD last month... <http://groups.yahoo.com/gr>

By m3dodds · #39667 · 3/03/07

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LCA H/P 4ma - Nature Podcast 'apiths are Homo-Pan LCA' (<https://groups.io/g/AAT/message/39649?>)

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2520,64949873)

wrote: Agree... spawning offspring does not [usually] kill you... However, "Little Foot" an its kin are apparently to young to be part of Man's family tree... 400,000 years to young... ---m3d -----

By m3dodds · #39649 · 2/28/07

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Chimps Hunt with Spears..... (<https://groups.io/g/AAT/message/39641?>)

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2520,64949735)

DD - Agree it would be safer... rainforests and swamps do have more than a few nasty surprises. Colour vision may have helped to distinguish a stick from a tree-snake ...but it would not be of any hel

By m3dodds · #39641 · 2/27/07

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LCA H/P 4ma - Nature Podcast 'apiths are Homo-Pan LCA' (<https://groups.io/g/AAT/message/39639?>)

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2520,64949873)

Agree... 3Ma possible, but highly unlikely... Also highly unlikely[impossible]... more so if the revised date [2.2Ma] for 'Little Foot'[Apith] is

correct... Chimp ancestors...? ---m3d

By m3dodds · #39639 · 2/27/07

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Chimps Hunt with Spears..... (<https://groups.io/g/AAT/message/39613?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2520,64949735)

[http://scienceblogs.com/tetrapodzology/2007/02/chimpanzees\\_make\\_and\\_use\\_spear.php](http://scienceblogs.com/tetrapodzology/2007/02/chimpanzees_make_and_use_spear.php) > > Thanks DD There is a video on the Nat.Geographic site of them making an using the "spears" ... <http://tinyurl.com>

By m3dodds · #39613 · 2/25/07

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LCA H/P 4ma (<https://groups.io/g/AAT/message/39608?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2520,64949769)

A split from the chimps a mere four million years ago ... could mean the LCA was either a biped or part time biped. ---m3d Humans, chimps split 4 million years ago <http://tinyurl.com/2lww6c>

By m3dodds · #39608 · 2/24/07

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LCA H/P 4ma (<https://groups.io/g/AAT/message/39601?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2520,64949769)

Would agree... there is nothing wrong with a date of 4 million years ago... Or that it took as little as 400,000 years, instead of the ludicrous million plus years... previously estimated for the huma

By m3dodds · #39601 · 2/24/07

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Chimps Hunt with Spears..... (<https://groups.io/g/AAT/message/39590?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2520,64949735)

DD - Maybe it should be - Woman the Mighty Hunter... I am a little surprised the savanna lobby is not breaking this story, since it involves chimps "hunting" on their beloved savanna... "Savanna chimp

By m3dodds · #39590 · 2/23/07

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Chimps Hunt with Spears..... (<https://groups.io/g/AAT/message/39589?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2520,64949735)

More on chimps 'hunting' with spears.... Iowa State University <http://tinyurl.com/2yhlcj> ISU News Release 22-2-07 ISU anthropologist's study is first to report chimps hunting with tools "...AMES, Iowa

By m3dodds · #39589 · 2/23/07

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Chimps Hunt with Spears..... (<https://groups.io/g/AAT/message/39577?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2520,64949735)

WASHINGTON (Reuters) - Chimpanzees have been seen using spears to hunt bush babies, U.S. researchers said on Thursday in a study that demonstrates a whole new level of tool use and planning by our clo

By m3dodds · #39577 · 2/22/07

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MSC Medit. Salin. Crisis (<https://groups.io/g/AAT/message/39566?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2520,64949480)

<mario.petrinovic1@...> wrote: Not speculations.....Mario... It is even possible the LCA was a BHBK part-time biped, millions of years before the emergence of Homo as a distinct species.... Later a

By m3dodds · #39566 · 2/22/07

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Beach Party, 125,000 B.C. (<https://groups.io/g/AAT/message/39565?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2540,64949704)

"...Summertime is prime time for beach season — when the seashore beckons much of the human race to hit the waves. But when did humans first venture toward the oceans? New research suggests humans hav

By m3dodds · #39565 · 2/22/07

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MSC Medit. Salin. Crisis (<https://groups.io/g/AAT/message/39521?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2540,64949480)

<mario.petrinovic1@...> wrote: Mario - if you are saying that the biped gait emerged around six million years ago I would agree with you... As that was my point... in that there is several million yea

By m3dodds · #39521 · 2/20/07

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Shore Apes Six Million Years Ago...? (<https://groups.io/g/AAT/message/39520?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2540,64948943)

Well if our descendants are still walking on two feet two billion years hence, possibly they will know all there is to know about planetary engineering... an possibly they wont consider the Earth wort

By m3dodds · #39520 · 2/20/07

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Shore Apes Six Million Years Ago...? (<https://groups.io/g/AAT/message/39485?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2540,64948943)

To keep out of the Sun's clutches, we would need to move the Earth and her companion [the Moon] out beyond the orbit of the red planet...

Still we have a couple of billion yrs [if we survive this craz

By m3dodds · #39485 · 2/19/07

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Shore Apes Six Million Years Ago...? (<https://groups.io/g/AAT/message/39464?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2540,64948943)

Not all that long..... This piece of real-estate [Earth] will be cremated when the Sun starts to die in a few billion years...The oceans will boil dry, so there will be no hiding place for the ceta

By m3dodds · #39464 · 2/18/07

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MSC Medit. Salin. Crisis (<https://groups.io/g/AAT/message/39462?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2540,64949480)

Thanks for the link - DD As well as some interesting info on the MSC... It gives a good hint of the climate of north Africa.... at the time our ancestors an those of the modern chimp began to follow s

By m3dodds · #39462 · 2/18/07

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tail loss (Re: Re: Shore Apes Six Million Years Ago...? (<https://groups.io/g/AAT/message/39456?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2540,64949491)

some rock rabbits[pika]... some bats, an possibly the tenrec.... ---m3d

By m3dodds · #39456 · 2/17/07

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Shore Apes Six Million Years Ago...? (<https://groups.io/g/AAT/message/39431?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2540,64948943)

Not certain... its probably not an accurate quote... but it came to mind when reading your post.... ---m3d level one, or deeper ?

<http://www.4degrez.com/misc/dante-inferno-test.mv>

By m3dodds · #39431 · 2/16/07

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Shore Apes Six Million Years Ago...? (<https://groups.io/g/AAT/message/39417?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2540,64948943)

"..An thus they were consigned to the deeps for all eternity..... never again to walk in the sun.." ---m3d

By m3dodds · #39417 · 2/15/07

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Shore Apes Six Million Years Ago...? (<https://groups.io/g/AAT/message/39396?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2540,64948943)

trees) but in any case compared to cetaceans and even seals their aquatic experience began only five minutes ago. Must admit I for one, am thankful that our ancestors did not follow the cetacean path.

By m3dodds · #39396 · 2/14/07

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Shore Apes Six Million Years Ago...? (<https://groups.io/g/AAT/message/39372?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2540,64948943)

but I would still contend that it is misleading. The gait of (some) dinosaurs may be erect enough to set them apart from other reptiles, (not very difficult) but if it is to be used in this way we need

By m3dodds · #39372 · 2/13/07

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Shore Apes Six Million Years Ago...? (<https://groups.io/g/AAT/message/39348?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2540,64948943)

Think in this context "erect" means an almost upright posture... a posture similar to that of Tyrannosaurus Rex [ the largest ever terrestrial carnivore, weighing in at mere six tons... ] not the perp

By m3dodds · #39348 · 2/12/07

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Shore Apes Six Million Years Ago...? (<https://groups.io/g/AAT/message/39336?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2540,64948943)

<mario.petrinovic1@...> wrote: The probable ancestors of birds [ dinosaurs ] were obligate bipeds [ walked erect on two feet ] ... And among the bird species that gave up flight... they remained and r

By m3dodds · #39336 · 2/11/07

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Shore Apes Six Million Years Ago...? (<https://groups.io/g/AAT/message/39328?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2540,64948943)

wrote: Examples..... humans and birds, to name two. One other point, in comparison to the lumbering knucklewalking gait of chimps, the walking gait of Man uses..... less energy. ---m3d

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### Shore Apes Six Million Years Ago...? ([https://groups.io/g/AAT/message/39305?](https://groups.io/g/AAT/message/39305)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2540,64948943)

Elaine - I would agree it is unique... for a mammal... more so a primate. One possible reason may be... that it proved advantageous... for a large bodied primate foraging on the shore and foreshore...

By m3dodds · #39305 · 2/08/07

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### Shore Apes Six Million Years Ago...? ([https://groups.io/g/AAT/message/39257?](https://groups.io/g/AAT/message/39257)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2540,64948943)

<mario.petrinovic1@...> wrote: Mario - Whilst the Apiths may not have been inventive tool users. What you say, can also be said of our early ancestors... they too made little of their abilities until

By m3dodds · #39257 · 2/05/07

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### Shore Apes Six Million Years Ago...? ([https://groups.io/g/AAT/message/39232?](https://groups.io/g/AAT/message/39232)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2540,64948943)

Elaine - Bipedalism is not unique or special, as a mode of locomotion. It is not why we are bipeds... but why it proved more advantageous for our ancestors to be bipeds. ---m3d

By m3dodds · #39232 · 2/04/07

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### Shore Apes Six Million Years Ago...? ([https://groups.io/g/AAT/message/39228?](https://groups.io/g/AAT/message/39228)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2540,64948943)

<mario.petrinovic1@...> wrote: Mario - I would say bipedalism in Homo is different, rather than "advanced" ... the gait the Apiths evolved got them from a. to b. ... even if they walked with a wobble.

By m3dodds · #39228 · 2/04/07

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### Shore Apes Six Million Years Ago...? ([https://groups.io/g/AAT/message/39200?](https://groups.io/g/AAT/message/39200)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2540,64948943)

<mario.petrinovic1@...> wrote: Mario - I would agree, that there was some form of bipedalism six million years ago, but bipedalism itself is not unique... a more likely date for our aquatic/shore ance

By m3dodds · #39200 · 2/03/07

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### Shore Apes Six Million Years Ago...? ([https://groups.io/g/AAT/message/39182?](https://groups.io/g/AAT/message/39182)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2540,64948943)

"...To proponents of the aquatic ape hypothesis, it may not be such a mystery. The idea, developed and refined by Elaine Morgan over the past 28 years, states that upright walking and other characteri

By m3dodds · #39182 · 2/02/07

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### So called "hobbit " Declared a New Species ([https://groups.io/g/AAT/message/39136?](https://groups.io/g/AAT/message/39136)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2560,64948855)

Its... declared a new species[again]... ---m3d In the latest study, the evidence supports the claim of a new species. A team of scientists led by Dean Falk, a paleoneurologist at Florida State Univers

By m3dodds · #39136 · 1/30/07

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### Big Woman... Big Brain... ([https://groups.io/g/AAT/message/39122?](https://groups.io/g/AAT/message/39122)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2560,64948817)

A 260,000-year-old partial skeleton excavated in northwestern China 22 years ago represents our largest known female ancestor, according to a new analysis of the individual's extensive remains. <http://>

By m3dodds · #39122 · 1/29/07

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### color & food ([https://groups.io/g/AAT/message/39103?](https://groups.io/g/AAT/message/39103)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2560,64948778)

wrote: If primates evolved trichromate vision, to see blushing etc in others..... then all primates must once have had light/pale skin... <http://www.newscientist.com/article.ns?id=dn8703> IMO it is mor

By m3dodds · #39103 · 1/28/07

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### color & food ([https://groups.io/g/AAT/message/39093?](https://groups.io/g/AAT/message/39093)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2560,64948778)

<alas\_my\_loves@...> wrote: DD-In tetrachromats [women] the fourth cone is said to be between green and red [an orange cone] ...whereas in birds,bees and reptiles ... the fourth cone so to speak is at

By m3dodds · #39093 · 1/27/07

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### White eye sclerae enlarged: why in humans? ([https://groups.io/g/AAT/message/39064?](https://groups.io/g/AAT/message/39064)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2560,64948458)

<alas\_my\_loves@...> wrote: DD-The only photo I have seen of someone who had blue-bluish sclerae, indicated a graduated tint... a strong tint under the eyelid, that graduated towards white in the visib

By m3dodds · #39064 · 1/24/07

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White eye sclerae enlarged: why in humans? (<https://groups.io/g/AAT/message/39045?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2560,64948458)

wrote: DD-Agree.... It's basically a medical condition. IMO for omnivore foraging in the forest, on the shore, on the foreshore and in shallow water... being a trichromat would be more of an advantage

By m3dodds · #39045 · 1/23/07

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White eye sclerae enlarged: why in humans? (<https://groups.io/g/AAT/message/39027?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2560,64948458)

wrote: DD - Blue, bluish sclerae basically indicate something is wrong healthwise... As to nutrition some researchers suspect that there may be a link to iron deficiency anaemia when it comes to child

By m3dodds · #39027 · 1/22/07

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White eye sclerae enlarged: why in humans? (<https://groups.io/g/AAT/message/39016?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2560,64948458)

wrote: DD - Opaque or not, the medical explanation for blue sclerare is: Blue sclerae result from congenital thinning of the sclerae. The underlying epithelium shows through, giving a blue appearance.

By m3dodds · #39016 · 1/20/07

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White eye sclerae enlarged: why in humans? (<https://groups.io/g/AAT/message/38992?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2560,64948458)

wrote: Uvea..... the blue bit <http://en.wikipedia.org/wiki/Uvea> "...The uvea (Lat. uva, grape), also called the uveal layer, uveal coat, uveal tract, or vascular tunic, is the pigmented middle of th

By m3dodds · #38992 · 1/19/07

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Cooperative Eyes Hypotheses... (<https://groups.io/g/AAT/message/38966?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2560,64948521)

wrote: > > > Reliance on head versus eyes in the gaze following of great apes and human infants: the cooperative eye hypothesis Michael Tomasello, Brian Hare , Hagen Lehmann and Josep Call ABSTRACT:

By m3dodds · #38966 · 1/17/07

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Cooperative Eyes Hypotheses... (<https://groups.io/g/AAT/message/38949?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2560,64948521)

Reliance on head versus eyes in the gaze following of great apes and human infants: the cooperative eye hypothesis Michael Tomasello, Brian Hare , Hagen Lehmann and Josep Call ABSTRACT: As compared wi

By m3dodds · #38949 · 1/16/07

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White eye sclerae enlarged: why in humans? (<https://groups.io/g/AAT/message/38938?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2560,64948458)

wrote: <alas\_my\_loves@> DD - Sclerae can have a yellowish or blueish tint for a number of reasons, but it is normally opaque[white]... Our primate cousins have slightly brownish sclerae due to pigment

By m3dodds · #38938 · 1/15/07

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White eye sclerae enlarged: why in humans? (<https://groups.io/g/AAT/message/38935?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2560,64948458)

loves@...> wrote: <alas\_my\_loves@> DD - As said most people, would feel distinctly uncomfortable in the presence of someone with black sclerae... pets and animals are an entirely different matter....

By m3dodds · #38935 · 1/15/07

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OT: Polarity (<https://groups.io/g/AAT/message/38925?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2560,64948351)

DD - Flips in the Earth's field appear to cause no problems, only if it failed would we be in trouble... Would only add... that the Sun is massive, it makes up 99.8% of the total mass of the solar sys

By m3dodds · #38925 · 1/15/07

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White eye sclerae enlarged: why in humans? (<https://groups.io/g/AAT/message/38924?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2560,64948458)

wrote: DD - I would speculate that most people would feel distinctly uncomfortable in the presence of someone with black sclerae.....

Whether you could communicate is an unknown. Incidentally.

By m3dodds · #38924 · 1/15/07

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White eye sclerae enlarged: why in humans? (<https://groups.io/g/AAT/message/38918?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2560,64948458)

wrote: DD - I would not be so quick to dismiss this as a just-so story. The human face, in particular the eyes play a significant role in both verbal and non-verbal communication... ---m3d \_\_\_\_\_

By m3dodds · #38918 · 1/14/07

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Dikika (Re: Re: Fitch: larynx & vocal sac (<https://groups.io/g/AAT/message/38910?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2560,64948366)

That seemingly would be the case, however some would say that the function of laryngeal air sacs is not yet fully understood: "... The hyoid of DIK-1-1 is only the second example in the hominin fossils

By m3dodds · #38910 · 1/13/07

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OT: Polarity (<https://groups.io/g/AAT/message/38888?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2560,64948351)

wrote: If they occurred together it would have just been a coincidence.. Volcanoes erupt over weeks, months [even years] but the change in the magnetic field is something that is said to take thousands

By m3dodds · #38888 · 1/12/07

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Dikika (Re: Re: Fitch: larynx & vocal sac (<https://groups.io/g/AAT/message/38880?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2560,64948366)

Nor do they get it, when it comes to bipedalism... Richmond and Strait, like many others appear to have a fixation with knuckle-walking. "...If knuckle-walking was an important component of the behavior

By m3dodds · #38880 · 1/11/07

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OT: Polarity (<https://groups.io/g/AAT/message/38879?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2560,64948351)

Of the eight planets [including Earth], six have magnetic fields... namely Mercury, Earth and the four gas giants. Planetary fact-sheet: <http://tinyurl.com/kgo4s> Click on the planet's name for more details

By m3dodds · #38879 · 1/11/07

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OT: Polarity (<https://groups.io/g/AAT/message/38865?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2580,64948351)

wrote: Earth's Magnetic Field [http://science.nasa.gov/headlines/y2003/29dec\\_magneticfield.htm](http://science.nasa.gov/headlines/y2003/29dec_magneticfield.htm) <http://tinyurl.com/3yjww> \_\_\_\_\_ ---m3d

By m3dodds · #38865 · 1/10/07

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Fitch: larynx & vocal sac (<https://groups.io/g/AAT/message/38864?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2580,64942292)

Plus..... curved fingers and an ape-like semicircular canal system.... make it very ape-like, even if it walked on two feet. ---m3d \_\_\_\_\_  
croc/dino/bird?? above the lowered nasal goes

By m3dodds · #38864 · 1/10/07

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Air sacs was Re: Hawks on breathing (<https://groups.io/g/AAT/message/38862?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2580,64945326)

--- In AAT@..., "&#92;" A. Lemak A.S. &#92;" <alms\_my\_loves@...> wrote: --- In AAT@..., "m3dodds" <dons3148@...> wrote: --- In AAT@..., "&#92;" A. Lemak A.S. &#92;"

By m3dodds · #38862 · 1/10/07

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Fitch: larynx & vocal sac (<https://groups.io/g/AAT/message/38841?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2580,64942292)

The hyoid bone in one form or another seems to have existed for some before human speech. This is from the Max Planck Society press release on the Dikika 'baby', the Australopithecus afarensis child

By m3dodds · #38841 · 1/07/07

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Air sacs was Re: Hawks on breathing (<https://groups.io/g/AAT/message/38839?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2580,64945326)

wrote: DD - To deep water dive, they [He] would have had to have a very precise sense of timing. Not a bad analogy.... but there is a significant difference between climbing to the top of the tree and diving

By m3dodds · #38839 · 1/07/07

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Fitch: larynx & vocal sac (<https://groups.io/g/AAT/message/38832?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2580,64942292)

Possible..... Changing the angle slightly [making it more prominent] could possibly deepen the voice. ---m3d

By m3dodds · #38832 · 1/06/07

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Air sacs was Re: Hawks on breathing (<https://groups.io/g/AAT/message/38827?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2580,64945326)

<alas\_my\_loves@> [Marc, comment on evolution of ion channels?] [snip] DD - Thanks. Was just curious to know how long it would take to glide down to a 100m. In terms of buoyancy at the surface...your a

By m3dodds · #38827 · 1/06/07

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Fitch: larynx & vocal sac (<https://groups.io/g/AAT/message/38826?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2580,64942292)

Agree..... It appears to be little more than a muscle anchor for the tongue... an other muscles. From those same illustrations there does not appear to be a reason for the gender difference that gi

By m3dodds · #38826 · 1/06/07

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Fitch: larynx & vocal sac (<https://groups.io/g/AAT/message/38819?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2580,64942292)

A description of the hyoid bone, an images. ---m3d Hyoid bone [http://en.wikipedia.org/wiki/Hyoid\\_bone](http://en.wikipedia.org/wiki/Hyoid_bone) "...The hyoid bone is involved in the production of human speech. It allows a wider range of tongu

By m3dodds · #38819 · 1/05/07

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Air sacs was Re: Hawks on breathing (<https://groups.io/g/AAT/message/38818?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2580,64945326)

my\_loves@...> wrote: DD - How fast? How fast would a diver glide downward, in metres per minute? Why make the distinction? If as you say their dense bones were counterbalanced by fat.... Then there wo

By m3dodds · #38818 · 1/05/07

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Air sacs was Re: Hawks on breathing (<https://groups.io/g/AAT/message/38802?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2580,64945326)

wrote: [snip] DD - Agree. We need more data. Though I note from re-reading their earlier article in Neuron that the authors themselves say... "....The riluzole experiments further suggest that gaspin

By m3dodds · #38802 · 1/04/07

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Atlas formation? (<https://groups.io/g/AAT/message/38796?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2580,64948065)

Do you mean the ancestors of the Anthropoids? The Atlas mountains is where they seem to have found the possible ancestors of the Anthropoids like the Altiatlasius 60 million years ago,from Morocco. Th

By m3dodds · #38796 · 1/03/07

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M3D, Pauline, catch any? (<https://groups.io/g/AAT/message/38779?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2580,64948161)

wrote: Bagged two... Did you catch any? ---m3d

By m3dodds · #38779 · 1/02/07

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Atlas formation? (<https://groups.io/g/AAT/message/38773?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2580,64948065)

come from China,Mongolia, W-Europe, Atlas & Rocky Mountains (Purgatorius,Plesiadapis,Carpolestes, Teilhardina...). Dermoptera (presumably the Primates' closest relatives today) live in SE.Asia. Many p

By m3dodds · #38773 · 1/02/07

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1/2 human pseudogenisations = olfactory genes (<https://groups.io/g/AAT/message/38772?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2580,64937452)

<alas\_my\_loves@...> wrote: Possibly... one way to see snakes in shallow warm water full of vegetation,could be the ability see the colours red, orange and yellow... ---m3d <http://biology.plosjournals>.

By m3dodds · #38772 · 1/02/07

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Air sacs was Re: Hawks on breathing (<https://groups.io/g/AAT/message/38771?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2580,64945326)

loves@...> wrote: DD - Possible. On the other hand having two types, may be a fail-safe... if the calcium ones fail the sodium ones can `reboot' the system... restore respiratory function. Until the a

1/2 human pseudogenisations = olfactory genes (<https://groups.io/g/AAT/message/38763?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2580,64937452)

A fair exchange..... Trichromatic vision in exchange for fewer olfactory genes... ---m3d SCIENCE DAILY - Conventional wisdom says that people deficient in one sense--such as vision or hearing - oft

By m3dodds · #38763 · 1/01/07

Atlas formation? (<https://groups.io/g/AAT/message/38742?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2580,64948065)

closest N.America Africa in Hi Marc This site has a series of paleo maps [an future ones] Click on the time period you are interested in for a map of the World. <http://www.scotese.com/earth.htm> If you

By m3dodds · #38742 · 12/31/06

Atlas formation? (<https://groups.io/g/AAT/message/38741?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2580,64948065)

closest N.America Africa in Hi Marc This site has a series of paleo maps [an future ones] Click on the time period you are interested in for a map of the World. <http://www.scotese.com/earth.htm> \_\_\_\_\_

By m3dodds · #38741 · 12/31/06

Air sacs was Re: Hawks on breathing (<https://groups.io/g/AAT/message/38740?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2580,64945326)

loves@...> wrote: DD - Why do you think CO2 should have got a mention? If you are interested... you can download a PDF or read an online version of : Differential Contribution of Pacemaker Properties

By m3dodds · #38740 · 12/31/06

Air sacs was Re: Hawks on breathing (<https://groups.io/g/AAT/message/38719?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2600,64945326)

<alas\_my\_loves@...> wrote: DD - Has he read the Ramirez paper? 1) A quote from University of Chicago - news release: on their research..... " ...According to the researchers, during hypoxia, the body

By m3dodds · #38719 · 12/30/06

Air sacs was Re: Hawks on breathing (<https://groups.io/g/AAT/message/38700?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2600,64945326)

wrote: DD - Correct it is not a literal increase in oxygen, but imbalance of the two. Found this on hyperventilation...

<http://www.drmyhill.co.uk/article.cfm?id=193> Guntheroth as I understand it... ag

By m3dodds · #38700 · 12/28/06

Air sacs was Re: Hawks on breathing (<https://groups.io/g/AAT/message/38695?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2600,64945326)

loves@...> wrote: DD - To hyperventilate is to breathe rapidly, increasing oxygen at the expense CO2... in other words create an imbalance. Whereas gasping is the body's response to oxygen deprivation

By m3dodds · #38695 · 12/28/06

Air sacs was Re: Hawks on breathing (<https://groups.io/g/AAT/message/38689?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2600,64945326)

wrote: Hi DD As far as I understand it, it is the `pacemaker neurons'in the brain that determine whether there is oxygen deprivation or not an whether we gasp or not... Fooling that `mechanism' by doi

By m3dodds · #38689 · 12/28/06

Air sacs was Re: Hawks on breathing (<https://groups.io/g/AAT/message/38686?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2600,64945326)

wrote: Hi DD We are having a mild winter at the moment...[global warming!] Psychopaths are said to lack a sense of fear, possibly if you fear nothing you can not be startled..or surprised by anything.

By m3dodds · #38686 · 12/27/06

Air sacs was Re: Hawks on breathing (<https://groups.io/g/AAT/message/38682?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2600,64945326)

Hello DD Would add misuse of drugs and alcohol to your list, as they too can deprive the brain of oxygen. Of the remainder I would say the natural causes (risks) of hypoxia (oxygen deprivation) are ob

By m3dodds · #38682 · 12/27/06

Air sacs was Re: Hawks on breathing (<https://groups.io/g/AAT/message/38656?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2600,64945326)

Could be the same guy..... DD <http://neurobiology.bsd.uchicago.edu/faculty/ramirez.htm> Gasping seems to be a last ditch, fail-safe... when the body becomes deficient of oxygen... Which raises the

By m3dodds · #38656 · 12/24/06

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Air sacs was Re: Hawks on breathing (<https://groups.io/g/AAT/message/38643?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2600,64945326)

gaspings a response to hypoxia..... "...According to the researchers, during hypoxia, the body shuts down most of the cellular respiratory network and focuses its energy on gasping, which is modulated

By m3dodds · #38643 · 12/24/06

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Nollaig Chridheil - Merry Christmas.... (<https://groups.io/g/AAT/message/38641?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2600,64947851)

Thanks Elaine... Wishing you, all the very best for 2007... Slainte Mhath ---m3d

By m3dodds · #38641 · 12/24/06

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Happy Whatsit (<https://groups.io/g/AAT/message/38639?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2600,64947848)

Happy Whatsit... Very politically correct... Richard!! \_\_\_\_\_ Wishing you, a very Happy Christmas and all the best in 2007 ---m3d year or two, so I've given up on that, and am

By m3dodds · #38639 · 12/24/06

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Nollaig Chridheil - Merry Christmas.... (<https://groups.io/g/AAT/message/38638?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2600,64947851)

Nollaig Chridheil agus Bliadhna Mhath Ur' A Merry Christmas and a Happy New Year to everyone... Slainte Mhath ---m3d

By m3dodds · #38638 · 12/24/06

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Humans and Chimps: Close But Not That Close... (<https://groups.io/g/AAT/message/38561?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2600,64947731)

Humans and Chimps: Close But Not That Close There's a bigger genetic jump between humans and chimps than previously believed by JR Minkel A lot more genes may separate humans from their chimp relative

By m3dodds · #38561 · 12/20/06

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Functions of laryngeal air sacs: in primates (<https://groups.io/g/AAT/message/38551?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2600,64947702)

"...Humans may have lost air sacs during their evolutionary history because they are able to modify their speech breathing patterns and so reduce any tendency to hyperventilate..." The functions of la

By m3dodds · #38551 · 12/19/06

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[OT] Vellum (<https://groups.io/g/AAT/message/38538?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2600,64947480)

Vellum <http://en.wikipedia.org/wiki/Vellum> Example: British Acts of Parliament are still printed on to (real, not cotton) vellum for archival purposes. Another example of a document written on vellum

By m3dodds · #38538 · 12/18/06

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Human Body - Thermal Regulation... (<https://groups.io/g/AAT/message/38522?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2600,64947623)

A link to a site that has detailed information on the thermal-regulation of the human body... ( the methods the human body, uses to stay cool... on land ).... <http://hyperphysics.phy-astr.gsu.edu/hbas>

By m3dodds · #38522 · 12/17/06

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Tummy Chills - Re: Heat exchange (<https://groups.io/g/AAT/message/38488?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2600,64947132)

By m3dodds · #38488 · 12/13/06

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Tummy Chills - Re: Heat exchange (<https://groups.io/g/AAT/message/38462?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2600,64947132)

By m3dodds · #38462 · 12/11/06

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Tummy Chills - Re: Heat exchange (<https://groups.io/g/AAT/message/38449?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2600,64947132)

By m3dodds · #38449 · 12/10/06

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By m3dodds · #38303 · 11/29/06

Genetic breakthrough reveals big differences between humans... and chimps

(<https://groups.io/g/AAT/message/38281?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2620,64947053>)

Thanks... Marc \_\_\_\_\_ ---m3d

By m3dodds · #38281 · 11/27/06

Whales have brain cells also found in humans.... ([https://groups.io/g/AAT/message/38280?](https://groups.io/g/AAT/message/38280?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2620,64947062)

[p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2620,64947062](https://groups.io/g/AAT/message/38280?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2620,64947062))

quote: "...The authors note that spindle neurons probably first appeared in the common ancestor of hominids about 15 million years ago, since they are observed in great apes and humans, but not in les

By m3dodds · #38280 · 11/27/06

Evolution of Human brain... ([https://groups.io/g/AAT/message/38271?](https://groups.io/g/AAT/message/38271?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2620,64947030)

[p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2620,64947030](https://groups.io/g/AAT/message/38271?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2620,64947030))

This is a simple and elegant hypothesis explaining the evolution of the human brain ... Apparently the authors can explain why it increased in size, why we became intelligent....But not as to why huma

By m3dodds · #38271 · 11/26/06

Genetic breakthrough reveals big differences between humans... and chimps

(<https://groups.io/g/AAT/message/38254?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2620,64946958>)

wrote: Agree... the difference is back, back to where it was a few years ago, an may even be greater than originally thought. An I think you may be right, in saying that this has been known for some t

By m3dodds · #38254 · 11/24/06

Genetic breakthrough reveals big differences between humans... and chimps

(<https://groups.io/g/AAT/message/38237?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2620,64946958>)

THE BOOK OF LIFE..... The book as we know it, is being rewritten. Scientist have found there are big differences [variations] between humans, in terms of genetic make-up..... And the difference betwe

By m3dodds · #38237 · 11/23/06

Gait, stance and gender (Was: Head Hair - Out of Africa....?) ([https://groups.io/g/AAT/message/38184?](https://groups.io/g/AAT/message/38184?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2620,64943721)

[p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2620,64943721](https://groups.io/g/AAT/message/38184?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2620,64943721))

wrote: Hello Rob..... (Thanks...) Too many arches..... :- ) ---m3d wrote: Hello(again) Rob..... We may be talking about two completely different things (timewise)... here. One being..

By m3dodds · #38184 · 11/16/06

Gait, stance and gender(Was: Head Hair - Out of Africa....?) ([https://groups.io/g/AAT/message/38088?](https://groups.io/g/AAT/message/38088?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2620,64946604)

[p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2620,64946604](https://groups.io/g/AAT/message/38088?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2620,64946604))

wrote: Can you name another long-distance walking animal, apart from Man? The only animals I know that walk on the whole foot,like we do, are - primates, brown bears mongooses, rabbits and raccoons...

By m3dodds · #38088 · 11/08/06

Gait, stance and gender(Was: Head Hair - Out of Africa....?) ([https://groups.io/g/AAT/message/38073?](https://groups.io/g/AAT/message/38073?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2620,64946558)

[p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2620,64946558](https://groups.io/g/AAT/message/38073?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2620,64946558))

wrote: Hello Marc.... Rob an I are having a wide ranging discussion... Part of which is a discussion as to whether the A'piths/the habilis had a longitudinal foot arch, specifically the medial longitu

By m3dodds · #38073 · 11/07/06

Gait, stance and gender (Was: Head Hair - Out of Africa....?) ([https://groups.io/g/AAT/message/38059?](https://groups.io/g/AAT/message/38059?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2620,64943721)

[p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2620,64943721](https://groups.io/g/AAT/message/38059?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2620,64943721))

Hello Rob..... Yes it was a tad incorrect in these PC times... but hard to resist!!! :- ) On lions... A short and sweet life, with plenty of female company. <http://tinyurl.com/yf5leo> On Neanderthals.

By m3dodds · #38059 · 11/06/06

Gait, stance and gender (Was: Head Hair - Out of Africa....?) ([https://groups.io/g/AAT/message/37991?](https://groups.io/g/AAT/message/37991?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2620,64943721)

[p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2620,64943721](https://groups.io/g/AAT/message/37991?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2620,64943721))

Hello Rob.... If we left everything to experts, there would be no heavier than air flight - aircraft - ... There would be no human footprints on the Moon... An expert is someone who knows the answer,

By m3dodds · #37991 · 11/01/06

Gait, stance and gender (Was: Head Hair - Out of Africa....?) ([https://groups.io/g/AAT/message/37923?](https://groups.io/g/AAT/message/37923?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2620,64943721)

[p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2620,64943721](https://groups.io/g/AAT/message/37923?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2620,64943721))

Hello Elaine On toes, and the shape of our possible ancestors feet... and more... join in... all contributions are welcome. As to your questions about preserved dinosaur tracks... It seems tracks/foot  
By m3dodds · #37923 · 10/28/06

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Gait, stance and gender (Was: Head Hair - Out of Africa....?) (<https://groups.io/g/AAT/message/37899?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2640,64943721)

Hello Rob... Maybe no theorists have dared tread there, for fear of getting their wrists slapped..... :- ) Physical evidence, hard physical evidence in the shape of bones, fossil foot bones... that  
By m3dodds · #37899 · 10/26/06

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Charles Darwin's works online (<https://groups.io/g/AAT/message/37866?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2640,64946079)

<http://darwin-online.org.uk/> \_\_\_\_\_  
By m3dodds · #37866 · 10/21/06

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Gait, stance and gender (Was: Head Hair - Out of Africa....?) (<https://groups.io/g/AAT/message/37855?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2640,64943721)

Hello Rob... Yes... I have been following your discussion with Elaine, and the points made by DD in other posts. I remain though unconvinced... that they Laetoli footprints made in volcanic mud 3.5 mi  
By m3dodds · #37855 · 10/19/06

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SEASHORE MAN AND AFRICAN EVE - Denis Montgomery (<https://groups.io/g/AAT/message/37830?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2640,64945835)

Morning David While I may not agree with everything he says, his book is a good read. And like you said... it's free... regards ---m3d  
By m3dodds · #37830 · 10/16/06

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Gait, stance and gender (Was: Head Hair - Out of Africa....?) (<https://groups.io/g/AAT/message/37808?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2640,64943721)

Hello Rob... Strolling yes, sort off... but how far... from tree to tree, around in circles, across a clearing for a few metres like a modern gorilla/chimp? The date 3.6 million years ago is a little  
By m3dodds · #37808 · 10/13/06

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apes,apiths and ummmm... (<https://groups.io/g/AAT/message/37781?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2640,64931530)

DD Such insights in Denis Montgomery's book the Seashore Man and African Eve... is one of many reasons why I would recommend his book to anyone who has more than a passing interest in knowing more, ab  
By m3dodds · #37781 · 10/10/06

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SEASHORE MAN AND AFRICAN EVE - Denis Montgomery (<https://groups.io/g/AAT/message/37772?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2640,64945835)

AUTHOR'S NOTE: The hypothesis that humanity evolved from an ancestral ape through the influence and environment of the seashore has been current for more than forty years. During enormous leaps in aca  
By m3dodds · #37772 · 10/09/06

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apes,apiths and ummmm... (<https://groups.io/g/AAT/message/37771?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2640,64931530)

wrote: Many thanks..... DD I have just downloaded a copy... of the revised version. regards ---m3d  
By m3dodds · #37771 · 10/09/06

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Gait, stance and gender (Was: Head Hair - Out of Africa....?) (<https://groups.io/g/AAT/message/37759?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2640,64943721)

Hello Rob... Possibly another answer to this long list of debilitating and fatal diseases spread by mozzies, could be that our ancestors were more sub-tropical,or even temperate in origin... than trop  
By m3dodds · #37759 · 10/08/06

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Expert Commentary on Lucy's Baby: C. Owen Lovejoy (<https://groups.io/g/AAT/message/37751?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2640,64945572)

and joker... regards ---m3d  
By m3dodds · #37751 · 10/07/06

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Expert Commentary on Lucy's Baby: C. Owen Lovejoy (<https://groups.io/g/AAT/message/37747?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2640,64945572)

The QED man... A remarkable man... An a brilliant scientist... Yes... no problem. This site has a couple of pretty good images, of the pelvis... showing its structure. <http://www.becomehealthynow.com/>  
By m3dodds · #37747 · 10/07/06

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Expert Commentary on Lucy's Baby: C. Owen Lovejoy (<https://groups.io/g/AAT/message/37734>)  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2640,64945572)

than any of his colleagues. All of them - all of us - are "biased" in favour of our own way of looking at things. My favourite scientist Richard Feynmann declares that it doesn't matter where ideas co  
By m3dodds · #37734 · 10/06/06

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Expert Commentary on Lucy's Baby: C. Owen Lovejoy (<https://groups.io/g/AAT/message/37720>)  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2640,64945572)

<marc.verhaegen@...> wrote: I've read tens of papers of Lovejoy. Invariably he finds humanlike features in an apith (what else??: they're closer to the H/P LCA than P & G are) & concludes it walked li  
By m3dodds · #37720 · 10/05/06

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Expert Commentary on Lucy's Baby: C. Owen Lovejoy (<https://groups.io/g/AAT/message/37693>)  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2640,64945572)

wrote: DD As the forerunner of birds, probably all dino's had tails... Interestingly, there were a quite a few herbivore dino's that were bipeds... herbivores: <http://tinyurl.com/kvhlmc> carnivores: htt  
By m3dodds · #37693 · 10/04/06

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Gait, stance and gender (Was: Head Hair - Out of Africa....?) (<https://groups.io/g/AAT/message/37692>)  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2640,64943721)

wrote: DD Would say... its bright[vivid]and dark colours more than white [dark colours retain heat]... That sweat, and lactic acid from exercise are the main attractors... though its also claimed, tha  
By m3dodds · #37692 · 10/04/06

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Expert Commentary on Lucy's Baby: C. Owen Lovejoy (<https://groups.io/g/AAT/message/37682>)  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2640,64945572)

Having read some of Lovejoy's papers ( recently his... The Natural History of Human Gait and Posture 1&2) I take a slightly different view in the sense I would not call him... prejudiced... I would s  
By m3dodds · #37682 · 10/03/06

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Expert Commentary on Lucy's Baby: C. Owen Lovejoy (<https://groups.io/g/AAT/message/37681>)  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2640,64945572)

It is bloody obvious, is is so bloody obvious Richard, you wonder why some still think walking on two legs is some kind of weird aberration... Bipedalism as a means of getting from a. to b. is as old  
By m3dodds · #37681 · 10/03/06

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Expert Commentary on Lucy's Baby: C. Owen Lovejoy (<https://groups.io/g/AAT/message/37672>)  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2640,64945572)

As bipedalism is of interest to many in this group, you may be interested in this expert comment published in: "Scientific American" ... on the A'pith fossil find named Lucy's baby, by some... that sug  
By m3dodds · #37672 · 10/01/06

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Gait, stance and gender (Was: Head Hair - Out of Africa....?) (<https://groups.io/g/AAT/message/37658>)  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2640,64943721)

Hello Rob... Possibly individuals with this adaptation, are an exception... Could be at some point in the past selection favoured the adaptation where mozzies presented a serious problem among a local  
By m3dodds · #37658 · 9/30/06

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Quote from discoverer of 3-yr-old afarensis (<https://groups.io/g/AAT/message/37593>)  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2640,64945330)

Probably all of the above, and more... As DD says we are first and foremost generalist omnivores, that fact and that the fact that [H.s] human brain has not gotten [relatively] smaller... kind of answ  
By m3dodds · #37593 · 9/26/06

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Quote from discoverer of 3-yr-old afarensis (<https://groups.io/g/AAT/message/37579>)  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2660,64945330)

"... Brain expansion might have made possible by seafood (poly-unsaturated fatty acids etc., cf. dispersal of Homo along coasts (eg, Mojokerto) & up rivers), but then we have the problem: if seafood i  
By m3dodds · #37579 · 9/25/06

Gait, stance and gender (Was: Head Hair - Out of Africa....?) (<https://groups.io/g/AAT/message/37526?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2660,64943721)

<ansell@...> wrote: Hello Rob... Something else on the plus side... New research published in NS... claims some people have a natural mosquito repellent in their sweat. If they can successfully mass

By m3dodds · #37526 · 9/21/06

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Infants and Apes Remember Things Similarly... (<https://groups.io/g/AAT/message/37488?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2660,64945149)

"...Infants and apes apparently adopt the same tactics for remembering where things are, but as children develop their strategies change, a new study shows. The findings might reveal in part how the m

By m3dodds · #37488 · 9/16/06

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Gait, stance and gender (Was: Head Hair - Out of Africa....?) (<https://groups.io/g/AAT/message/37479?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2660,64943721)

Hello Rob... Cold adapted mozzies... strewth... is there nowhere safe, from the little beggers... Well spotted... 30° north must be an error, it does not fit with what else she has to say about H.e m

By m3dodds · #37479 · 9/15/06

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Odd Humans..... (<https://groups.io/g/AAT/message/37420?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2660,64945037)

"...Modern Humans, not Neandertals, may be evolution's "odd man out..." Washington University in St. Louis News Modern Humans, not Neandertals, may be evolution's "odd man out" By Neil Schoenherr Sept

By m3dodds · #37420 · 9/11/06

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Gait, stance and gender (Was: Head Hair - Out of Africa....?) (<https://groups.io/g/AAT/message/37411?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2660,64943721)

Which issue of Scientific America ? It is no surprise the UK... is slipping down the rankings... after a decade of mediocre "government"... its more of a surprise, we can still make the top thirty...

By m3dodds · #37411 · 9/10/06

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Gait, stance and gender (Was: Head Hair - Out of Africa....?) (<https://groups.io/g/AAT/message/37408?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2660,64943721)

Hello Rob... Possibly the term 'open spaces' is misleading... It envisages... an African savanna... the American prairie... a flat, dry, an almost treeless desert like environment under a baking hot s

By m3dodds · #37408 · 9/09/06

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Old Evolutionary Theory... confirmed... (<https://groups.io/g/AAT/message/37403?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2660,64945000)

"...The finding, reported in today's issue of Science, reveals that scientists must reassess the processes involved in the origin of species. The beginnings of speciation, suggests the paper, can be t

By m3dodds · #37403 · 9/08/06

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Brain & Nutrition... (<https://groups.io/g/AAT/message/37379?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2660,64944911)

Richard..... As the Season to be miserable, is almost upon us, I am almost of the same mind as Scrooge... three months of it... is too much. I too enjoy eating kippers... and brussels (in oodles of hot

By m3dodds · #37379 · 9/04/06

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Brain & Nutrition... (<https://groups.io/g/AAT/message/37373?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2660,64944911)

NOT necessarily in that weird combination... Richard... but the study appears to confirm the view, that it is a good idea to eat your greens... The study also kinda confirms the view first put forward

By m3dodds · #37373 · 9/03/06

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Brain & Nutrition... (<https://groups.io/g/AAT/message/37367?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2660,64944911)

Would appear to stay healthy, the human brain needs not only foods from marine sources but a diet rich in fruit and vegetables...

<http://news.bbc.co.uk/1/hi/health/4904082.stm> <http://tinyurl.co.uk/0f9>

By m3dodds · #37367 · 9/02/06

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Gait, stance and gender (Was: Head Hair - Out of Africa....?) (<https://groups.io/g/AAT/message/37332?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2660,64943721)

--- In AAT@..., "Marc Verhaegen" <marc.verhaegen@...> wrote: Marc... (RD) >> It's this that leads me to think that >> the first victims of the newly arrived >> H.e/e were those that liv  
By m3dodds · #37332 · 8/27/06

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Gait, stance and gender (Was: Head Hair - Out of Africa....?) (<https://groups.io/g/AAT/message/37315?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2660,64943721)

--- In AAT@..., "Rob Dudman" <ansell@...> wrote: Hello Rob... > Hello m3d..... >>> Improving the diet, better nutrition does have real >> benefits(even today). Possibly, a prolonged p  
By m3dodds · #37315 · 8/25/06

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fur loss (Re: Re: SC Fat and Big Babies (<https://groups.io/g/AAT/message/37289?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2660,64944577)

Elaine As I am still getting six to seven hours, an still a few months short of sixty... not sure I qualify... to join the goats... yet! But welcome to the less than eight a night club, Elaine (wonder  
By m3dodds · #37289 · 8/24/06

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fur loss (Re: Re: SC Fat and Big Babies (<https://groups.io/g/AAT/message/37269?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2660,64944577)

Actually elephants are hairy animals Marc, apparently its best seen on young or older animals... Asian ones are more hairy, than their African counterparts... Guess we could call them relatively hairl  
By m3dodds · #37269 · 8/23/06

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HAR1 (<https://groups.io/g/AAT/message/37268?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2660,64944659)

The more accurate UC Santa Cruz 16.08.06 press release on this research, can be found here...

[http://www.ucsc.edu/news\\_events/press\\_releases/text.asp?pid=923](http://www.ucsc.edu/news_events/press_releases/text.asp?pid=923) or <http://tinyurl.co.uk/fhx4> ---m3d <http://>

By m3dodds · #37268 · 8/23/06

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fur loss (Re: Re: SC Fat and Big Babies (<https://groups.io/g/AAT/message/37263?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2660,64944577)

.....How many hours do giraffes sleep? elephants? Hippos feed at night on land.... --Marc Time spent sleeping... Sleep - depends on the animals metabolic rate, body size... an lifestyle. 10 - 20 mi

By m3dodds · #37263 · 8/23/06

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HAR1 (<https://groups.io/g/AAT/message/37271?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2660,64944659)

Do not know where they got the bit about the chimp and Human brain diverging two million years ago..... But if you want to read the actual US Santa Cruz press release(16.08.06) on this research: Her

By m3dodds · #37271 · 8/22/06

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Gait, stance and gender (Was: Head Hair - Out of Africa....?) (<https://groups.io/g/AAT/message/37189?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2660,64943721)

Hello Rob... Would say the species with the smaller brains, an more likely to be prey, are herbivores... as the foraging strategies of the omnivore probably give it the edge in brain size...The herbiv

By m3dodds · #37189 · 8/18/06

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SC Fat and Big Babies (<https://groups.io/g/AAT/message/37173?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2660,64944432)

Hi Richard Thanks in turn for for the <http://www.brianmac.demon.co.uk/fat.htm#efat> link... Would say examples like Indian thin-fat baby syndrome, malnutrition and low birth weights in general... indicat

By m3dodds · #37173 · 8/15/06

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Gait, stance and gender (Was: Head Hair - Out of Africa....?) (<https://groups.io/g/AAT/message/37158?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2680,64943721)

&#92;" <alas\_my\_loves@...> wrote: On balance I would say to be healthy an (H.s) baby requires a good combination of both... baby-fat and mother's milk. You only have to look at the consequences of ma

By m3dodds · #37158 · 8/14/06

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Gait, stance and gender (Was: Head Hair - Out of Africa....?) (<https://groups.io/g/AAT/message/37147?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2680,64943721)

Hi DD... Its modern humans (H.s) that seemingly require the baby-fat... H.s babies are born relatively early, due the size of the (H.s) brain... quote: "...Human brains aren't just comparatively big,

Gait, stance and gender (Was: Head Hair - Out of Africa....?) (<https://groups.io/g/AAT/message/37132?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2680,64943721)

wrote: Hello Rob... Would suspect that early `encephalization' such as that seen in the habilis and A'piths was correlated to an increase in relative body size. Conversely, the pattern of encephalizat

By m3dodds · #37132 · 8/12/06

SC Fat and Big Babies (<https://groups.io/g/AAT/message/36978?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2680,64943989)

(Algis) Would not be so quick to dismiss the nutrition argument. What happens in those few weeks before birth and after birth have a considerable impact on the rest of your life, both in physical and

By m3dodds · #36978 · 8/06/06

Gait, stance and gender (Was: Head Hair - Out of Africa....?) (<https://groups.io/g/AAT/message/36976?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2680,64943721)

Hello Rob.... I would say the first definition is the correct one, basically load bearing(walking) on all four limbs. IMO the second (the knuckle walk) -used by chimps- is simply an extension of arbor

By m3dodds · #36976 · 8/06/06

SC Fat (<https://groups.io/g/AAT/message/36950?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2680,64943923)

It would appear so..... One further point Richard, would it not be more likely that by the time our young had sc fat and relatively bigger brains that their mothers were no longer living and climbi

By m3dodds · #36950 · 8/05/06

SC Fat (<https://groups.io/g/AAT/message/36946?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2680,64943923)

Average density of the human body: 67 lbs per cubic foot, when you exhale 62 lbs per cubic foot, when you inhale (fat?, deduct 6 lbs) density of water: 64 lbs per cubic foot, seawater 62 lbs per cubic

By m3dodds · #36946 · 8/05/06

Predators Prefer To Hunt Small-brained Prey (<https://groups.io/g/AAT/message/36928?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2680,64943916)

There could be something it... Small-brained prey are more predictable, easier to capture than a large brained animals that may use less predicable means of evading capture than simply running away. I

By m3dodds · #36928 · 8/04/06

Predators Prefer To Hunt Small-brained Prey (<https://groups.io/g/AAT/message/36925?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2680,64943916)

Predators Prefer To Hunt Small-brained Prey. Predators such as leopards and chimpanzees consistently target smaller-brained prey less capable of escape, research at the University of Liverpool has sho

By m3dodds · #36925 · 8/04/06

Gait, stance and gender (Was: Head Hair - Out of Africa....?) (<https://groups.io/g/AAT/message/36860?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2680,64943721)

Hello Rob..... Thanks for a real thought proving post... Never understood what the supposed advantages of quadrupedalism are meant to be, or even if it is right to call a knuckle-walker a quadruped. C

By m3dodds · #36860 · 7/30/06

Head Hair - Out of Africa....? (<https://groups.io/g/AAT/message/36777?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2680,64942350)

wrote: Hello Rob..... Would be very interested to hear you thoughts, as the consequences of carrying to term and giving birth to large brain young always seem to get overlooked when conventional PA's

By m3dodds · #36777 · 7/24/06

philtrum (Re: Re: macaque, dryopith (<https://groups.io/g/AAT/message/36763?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2680,64943559)

<marc.verhaegen@...> wrote: Is a cleft lip/palate unique to humans? ---m3d A smooth philtrum.... a symptom of foetal brain damage.... [http://en.wikipedia.org/wiki/Fetal\\_alcohol\\_spectrum\\_disorder](http://en.wikipedia.org/wiki/Fetal_alcohol_spectrum_disorder)

By m3dodds · #36763 · 7/23/06

philtrum (Re: Re: macaque, dryopith (<https://groups.io/g/AAT/message/36742?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2680,64943559)

Not that deep groove under the nose [septum], but what appears to be a slight groove on the upper lip. It could be just an impression of a groove created by its lip hair.... ---m3d

By m3dodds · #36742 · 7/23/06

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macaque, dryopith (<https://groups.io/g/AAT/message/36739?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2680,64943533)

No problems DD, worked o.k..... The macaque in the image, does appear to have a philtrum... ---m3d <http://en.wikipedia.org/wiki/Philtrum> "

<alas\_my\_loves@...> wrote:  
By m3dodds · #36739 · 7/23/06

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Langdon's paper: a preliminary review - second opinion (<https://groups.io/g/AAT/message/36711?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2680,64943498)

Thanks, Richard. For obtaining Dr. Michael A. Crawford's response to Langdon. Initially I had intended making no response to the Langdon 'paper'. However, it is always good to hear the opinion of some

By m3dodds · #36711 · 7/22/06

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Head Hair - Out of Africa....? (<https://groups.io/g/AAT/message/36663?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2680,64942350)

<ansell@...> wrote: As is the role parturition... there would have been little value in encephalization if as a result four out five women of childbearing age died giving birth... at a guess parturiti

By m3dodds · #36663 · 7/20/06

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Head Hair - Out of Africa....? (<https://groups.io/g/AAT/message/36535?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2680,64942350)

--- In AAT@..., "Rob Dudman" <ansell@...> wrote: Hello Rob.... > Hello m3d..... > > > This has the essence of a chicken an egg argument, a > > circular argument... diving and posture is

By m3dodds · #36535 · 7/17/06

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Wading, bipedality and the AAH. (<https://groups.io/g/AAT/message/36477?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2680,64942880)

Re: [AAT] Wading, bipedality and the AAH. Hello Algis.... Possible... but unlikely... regards ---m3d <algis@...> wrote:

By m3dodds · #36477 · 7/15/06

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Head Hair - Out of Africa....? (<https://groups.io/g/AAT/message/36412?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2680,64942350)

--- In AAT@..., "Rob Dudman" <ansell@...> wrote: Hello Rob.... > Hello m3d..... > > > .....either the interpretation of the habilis > > fossils is wrong, or there is a yet to be disco

By m3dodds · #36412 · 7/13/06

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Head Hair - Out of Africa....? (<https://groups.io/g/AAT/message/36354?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2680,64942350)

If you want to read more Richard, there is a NS [New Scientist - Nov-Dec 96] article by the same authors... 'The African Emergence and Early Asian Dispersals of the Genus Homo' that you probably could

By m3dodds · #36354 · 7/11/06

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ectoparasites (Re: Re: opinion change in paleoanthropology (<https://groups.io/g/AAT/message/36344?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2700,64942750)

Markus J. Rantala [Finland] ... Human nakedness: adaptation against ectoparasites? (1999) ---m3d programme on ectoparasites. Presumably it will centre around the Rantala paper which I have. But I seem

By m3dodds · #36344 · 7/10/06

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Head Hair - Out of Africa....? (<https://groups.io/g/AAT/message/36331?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2700,64942350)

<ansell@...> wrote: Hello Rob... Would agree to a certain extent that the habilis was an A'pith, as could be said of the rudolfensis. In the case of the habilis you have this short creature, barely a

By m3dodds · #36331 · 7/10/06

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opinion change in paleoanthropology (<https://groups.io/g/AAT/message/36299?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2700,64941153)

Thanks Algis. I would say nothing needed to be added, it needs no elaboration, it is inclusive, it is simple and to the point... Your AAH definition, is the definition of the AAH... regards ---m3d The

By m3dodds · #36299 · 7/09/06

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### Head Hair - Out of Africa....? ([https://groups.io/g/AAT/message/36280?](https://groups.io/g/AAT/message/36280)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2700,64942350)

<ansell@...> wrote: Hello Rob... As regards Marek Kohn's NS feature, see Richard's post [message 36205] in the 'Out of Asia...?' thread. You can also get a copy of Denell and Roebroeks 'An Asian Persp

By m3dodds · #36280 · 7/08/06

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### opinion change in paleoanthropology ([https://groups.io/g/AAT/message/36256?](https://groups.io/g/AAT/message/36256)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2700,64941153)

IMO Richard, you are underestimating the contribution of Crawford and Cunnane, I have read numerous papers and books [including Elaine's] on the AAH. However, it was primarily their 97' paper in BJN [

By m3dodds · #36256 · 7/07/06

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### opinion change in paleoanthropology ([https://groups.io/g/AAT/message/36216?](https://groups.io/g/AAT/message/36216)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2700,64941153)

Hello Algis, Welcome back... Algis, as one of those sharing the much simpler view of Crawford and Cunnane, of the role of water played in human evolution. I would suggested, an equally simple, more to

By m3dodds · #36216 · 7/05/06

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### Out of Asia.... ? ([https://groups.io/g/AAT/message/36190?](https://groups.io/g/AAT/message/36190)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2700,64942267)

...The past decade has seen the Pliocene and Pleistocene fossil hominin record enriched by the addition of at least ten new taxa, including the Early Pleistocene, small-brained hominins from Dmanisi,G

By m3dodds · #36190 · 7/04/06

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### Out of Asia.... ? ([https://groups.io/g/AAT/message/36149?](https://groups.io/g/AAT/message/36149)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2700,64942267)

Hello Marc It does not follow that having relatives [P&G] living in Africa, that Gen.H originated in Africa... our post LCA ancestor/s could easily have left Africa long before the origin of Gen.H...

By m3dodds · #36149 · 7/02/06

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### Head Hair - Out of Africa....? ([https://groups.io/g/AAT/message/36148?](https://groups.io/g/AAT/message/36148)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2700,64942350)

Hello Rob... Have you had the opportunity to read Marek Kohn's 'Out of Asia' feature, in the latest issue of New Scientist ? It puts a new twist on what we have been discussing by speculating that the

By m3dodds · #36148 · 7/02/06

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### Out of Asia.... ? ([https://groups.io/g/AAT/message/36138?](https://groups.io/g/AAT/message/36138)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2700,64942267)

A key assumption in accounts of early hominin evolution is that the genus Homo originated in Africa, and an early form, classified either as Homo ergaster or H.erectus sensu lato, was the first to leave

By m3dodds · #36138 · 7/01/06

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### Out of Asia.... ? ([https://groups.io/g/AAT/message/36116?](https://groups.io/g/AAT/message/36116)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2700,64942267)

Well Richard, it looks like H.erectus could be going 'home' to Java. Marek Kohn's [ in his New Scientist feature] comment that the accepted story[out of Africa] could undergo a major twist... is an un

By m3dodds · #36116 · 6/29/06

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### Out of Asia.... ? ([https://groups.io/g/AAT/message/36109?](https://groups.io/g/AAT/message/36109)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2700,64942267)

Our ancestors evolved human-like traits in Africa before striking out to conquer Eurasia - or did they? OUT OF ASIA New Scientist 01 July 2006 Marek Kohn THE archaeological excavations at Dmanisi, in

By m3dodds · #36109 · 6/29/06

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### Erosion vs Deposition, cracking vs rounding ([https://groups.io/g/AAT/message/36054?](https://groups.io/g/AAT/message/36054)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2700,64942114)

Cooking from the inside too... The core of this clay ball is hotter than the surface of the Sun... between 5000 and 6000.Celsius ---m3d  
<alas\_my\_loves@...> wrote:

By m3dodds · #36054 · 6/26/06

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### Head Hair ([https://groups.io/g/AAT/message/36035?](https://groups.io/g/AAT/message/36035)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2700,64941912)

Hello Rob... Wikipedia article... I read a copy of that article, first in Science Daily, then managed to obtain a PDF copy of 'Genetic Variation at the MC1R Locus and the Time since Loss Human Hair' tha

By m3dodds · #36035 · 6/26/06

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Head Hair (<https://groups.io/g/AAT/message/36012?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2700,64941912)

DD, it should not be see as unusual for the scalp, scalp hair to be more oily, to produce more sebum... head hair has a long growth cycle [6 years], so it needs to be maintained in a relatively health

By m3dodds · #36012 · 6/25/06

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Head Hair (<https://groups.io/g/AAT/message/35991?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2700,64941912)

Pachyderms [Elephants,Rhinos,Hippos] have a thicker skin[grey]... an Elephants skin is 2.5 - 3 cms thick. ---m3d <marc.verhaegen@...> wrote:

By m3dodds · #35991 · 6/24/06

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Head Hair (<https://groups.io/g/AAT/message/35952?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2700,64941912)

DD, I am simply saying that encephalization modified the way we walk, the way our species gives birth and made us a relatively hairless species probably a million odd years ago[see below]. That big be

By m3dodds · #35952 · 6/23/06

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Head Hair (<https://groups.io/g/AAT/message/35933?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2700,64941912)

DD, I would say the hair growth cycle of chimps bodies and heads is close to that of our ancestors some two million years ago. Whereas H.e/H.s modified over time the hair growth cycle of their body an

By m3dodds · #35933 · 6/22/06

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Ama diving (<https://groups.io/g/AAT/message/35897?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2700,64941851)

DD, thanks for the links. The Ama diving links, seem to confirm conclusions gained from free-diving sites, that diving is an H.s exaptation, an that H.s are primarily shallow warm water divers. Of int

By m3dodds · #35897 · 6/19/06

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Kwalk vs Kcrawl (was lil newsbits) (<https://groups.io/g/AAT/message/35878?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2700,64940831)

DD, I could go along with most of what you say, and disagree with only a little. Actually I dont think we are all that far apart, possibly disagreeing only on timing and grouping. I seeing two indisti

By m3dodds · #35878 · 6/16/06

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Kwalk vs Kcrawl (was lil newsbits) (<https://groups.io/g/AAT/message/35868?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2720,64940831)

DD, what I have recently read on free diving sites appears to confirm the view I expressed in an earlier post, about it being highly unlikely that H.erectus ever dived in the modern sense. Looks incre

By m3dodds · #35868 · 6/16/06

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Kwalk vs Kcrawl (was lil newsbits) (<https://groups.io/g/AAT/message/35857?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2720,64940831)

wrote: Seems blackouts[SWB] are more likely near the surface, when you are coming up from a dive... [see below] Guess the north Atlantic, can be a bit cold, even in the middle of summer... Otters ofte

By m3dodds · #35857 · 6/14/06

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Kwalk vs Kcrawl (was lil newsbits) (<https://groups.io/g/AAT/message/35848?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2720,64940831)

--- In AAT@..., "Richard Parker" <richardparker01@...> wrote Sorry Richard, your out of luck, wrong gene, no seaweed slap for slapheads, no fortune [ unless money there's money to be made,

By m3dodds · #35848 · 6/13/06

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Journey of Mankind (H sap) (<https://groups.io/g/AAT/message/35833?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2720,64941726)

Thanks,Richard... Stephen Oppenheimer uses some neat graphics, to tell the his version of the "out of Africa" theory. It totally ignores, earlier migrations out of Africa. slainte ---m3d

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Kwalk vs Kcrawl (was lil newsbits) (<https://groups.io/g/AAT/message/35825?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2720,64940831)

Hair-loss, appears to have happened about a million years ago when *H. erectus* was well established and on the move. Though to be accurate, we did not lose our hair, and we are not naked. We still have

By m3dodds · #35825 · 6/12/06

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Kwalk vs Kcrawl (was lil newsbits) (<https://groups.io/g/AAT/message/35815?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2720,64940831)

wrote: HI DD... Thirty[30m ]seems more reasonable, pressure would be around four atmospheres. When it comes to conserving oxygen,the muscles that waste oxygen are those of the lower limbs. The arms ar

By m3dodds · #35815 · 6/11/06

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Kwalk vs Kcrawl (was lil newsbits) (<https://groups.io/g/AAT/message/35809?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2720,64940831)

Would speculate DD that it is the soft air filled spaces, not sinuses, that present the real problem when deep diving. The lungs function [gas exchange] at one atmosphere [14.7 lbs] but at a depth of

By m3dodds · #35809 · 6/10/06

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He 1.5 Ma cut meat with oyster shell (<https://groups.io/g/AAT/message/35807?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2720,64941593)

Would only add, if anyone is stuck for a quick [rough] translation of a web page, they can get one by using AltaVista's Babel-Fish....

<http://world.altavista.com/tr> ---m3d <richardparker01@>

By m3dodds · #35807 · 6/10/06

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Bipedalism & swimming.... shaped by thermodynamics (<https://groups.io/g/AAT/message/35790?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2720,64941644)

"locomotion, like any other flow of material, is optimized by evolution to travel the greatest distance while expending the least amount of energy." ---m3d \_\_\_\_\_ Constructing Anima

By m3dodds · #35790 · 6/09/06

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Kwalk vs Kcrawl (was lil newsbits) (<https://groups.io/g/AAT/message/35766?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2720,64940831)

wrote: DD Pressure at 10m underwater is something like two atmospheres [200 kPa][ enough to rupture the membrane in the ear],at 30m it reaches four atmospheres, an at 100m underwater it probably reach

By m3dodds · #35766 · 6/08/06

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opinion change in paleoanthropology (<https://groups.io/g/AAT/message/35737?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2720,64941153)

Two comments... One, why dive, why venture into the unknown, risk life and limb? When the whole point of a living on the shore, the littoral shore, was easy access to a nutrient rich food source by an

By m3dodds · #35737 · 6/07/06

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Penguin skeleton (<https://groups.io/g/AAT/message/35695?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2720,64941319)

wrote: Would also help them balance too, as they are said to stand only on their heels on land, as means of reducing heat loss when standing for long periods. Strange birds Penguins, you would have th

By m3dodds · #35695 · 6/05/06

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Penguin skeleton (<https://groups.io/g/AAT/message/35693?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2720,64941319)

wrote: Guess body fat and their coat of overlapping feathers obscures the tail to some extent, in the live bird. They also appear to have longer legs than we normally see them wading on. In all it ha

By m3dodds · #35693 · 6/05/06

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AAT homepage (<https://groups.io/g/AAT/message/35668?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2720,64941221)

Pachyostosis[dense bones], ear exostoses[ear canal damage], platycephaly[flat skull], platymeria[a result of squatting on the beach?...] with the possible exception of platycephaly, they could indicat

By m3dodds · #35668 · 6/04/06

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AAT homepage (<https://groups.io/g/AAT/message/35663?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2720,64941221)

EEG studies with bottlenose Dolphins apparently show that only half their brain goes to sleep at any one time[ they are also said to keep one eye open]. IMO it would more accurate to say they enter a

By m3dodds · #35663 · 6/04/06

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AAT homepage (<https://groups.io/g/AAT/message/35661?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2720,64941221)

If it was only a matter of \*diving\* in one or two metres of sheltered shallow warm water, then I agree their behavior would have been similar to what monkeys, have been observed doing in shallow warm

By m3dodds · #35661 · 6/04/06

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Penguin skeleton (<https://groups.io/g/AAT/message/35645?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2720,64941319)

Have added a photo of a Penguin's birdlike skeleton to AAT Photos. ---m3d

By m3dodds · #35645 · 6/03/06

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AAT homepage (<https://groups.io/g/AAT/message/35623?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2720,64941221)

wrote: How would you avoid drowning, predators, while asleep? Dolphins, keep half their brain awake, as means of avoiding drowning... Also no one has answered a question that has been raised a number

By m3dodds · #35623 · 6/02/06

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Earlobes (Was: Kwalk vs Kcrawl) (<https://groups.io/g/AAT/message/35560?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2720,64941045)

Michael Of all the[earlobe] ideas discussed, a means of cooling the head[brain]does sound a good possibility. ---m3d Ear News... [Thursday, 25 May 2006] Ear Scientists have found the centre in the bra

By m3dodds · #35560 · 5/29/06

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Kwalk vs Kcrawl (was lil newsbits) (<https://groups.io/g/AAT/message/35516?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2720,64940831)

Hello Ken Personally I have not the slightest problem with the likely possibility that our ancestors were up on their feet and walking, long before they spent time on the beach. We swim, we dive with

By m3dodds · #35516 · 5/26/06

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Kwalk vs Kcrawl (was lil newsbits) (<https://groups.io/g/AAT/message/35493?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2740,64940831)

The third digit, for what reason? Weight moves from from the heel, along the side of the foot, across the ball to the hallux. Pushing off using hallux, the foot, has the support from four digits on th

By m3dodds · #35493 · 5/25/06

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Kwalk vs Kcrawl (was lil newsbits) (<https://groups.io/g/AAT/message/35488?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2740,64940831)

The human foot is for walking, it and in particular the \*big toe\* are an integral part of our unique bipedal gait. [ it gives us the energy edge in walking, in comparison to chimps] Legs an feet play

By m3dodds · #35488 · 5/25/06

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Kwalk vs Kcrawl (was lil newsbits) (<https://groups.io/g/AAT/message/35435?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2740,64940831)

One possible explanation... could be the keratin in the dead layer of the skin[epidermis]. It can absorb water, when the hands[an feet] are immersed in water for long periods. We have a thicker layer

By m3dodds · #35435 · 5/23/06

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vitamin c dependence (<https://groups.io/g/AAT/message/35411?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2740,64940797)

Not certain, but I think that the loss of the ability to make vit.C has something to do with the inactivation of the GULO gene[in primates], more than 40 million years ago... ---m3d

By m3dodds · #35411 · 5/22/06

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Defining the AAH (was Re: Aqua-Photic Respiratory Cycle) (<https://groups.io/g/AAT/message/35410?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2740,64940669)

AAT as an acronym, is ok... ---m3d

By m3dodds · #35410 · 5/22/06

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Dates & Danakil ( was Re: 2001 msgs.) (<https://groups.io/g/AAT/message/35384?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2740,64940815)

loves@...> wrote: <alas\_my\_loves@> wrote: outdated. DD] It also, fits neatly with what Marcel [MW] wrote in a post [see below] last November [Re: Marine adaptations in human kidneys], that the ancesto

By m3dodds · #35384 · 5/21/06

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2001 msgs. (<https://groups.io/g/AAT/message/35366?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2740,64940764)

wrote: DD If the early date of 5.4 million years ago [the date mentioned in - Homo-Pan hybridization, islanding effect? - posts], for when the lines [chimp/Homo] diverged... were to be correct one. It

By m3dodds · #35366 · 5/20/06

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Homo-Pan hybridization, islanding effect? (<https://groups.io/g/AAT/message/35364?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2740,64940697)

--- In AAT@..., "&#92;" A. Lemak A.S. &#92;" <alas\_my\_loves@...> wrote: John Hawks Blog - The Dawn Chumans

[http://johnhawks.net/weblog/reviews/genomics/divergence/dawn\\_chumans\\_patterson\\_2](http://johnhawks.net/weblog/reviews/genomics/divergence/dawn_chumans_patterson_2)

By m3dodds · #35364 · 5/20/06

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Homo-Pan hybridization, islanding effect? (<https://groups.io/g/AAT/message/35356?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2740,64940697)

John Hawkes Blog - The Dawn Chumans [http://johnhawks.net/weblog/reviews/genomics/divergence/dawn\\_chumans\\_patterson\\_2006.html](http://johnhawks.net/weblog/reviews/genomics/divergence/dawn_chumans_patterson_2006.html) -

--m3d

By m3dodds · #35356 · 5/19/06

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Homo-Pan hybridization, islanding effect? (<https://groups.io/g/AAT/message/35344?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2740,64940697)

I would suggest anyone interested in this story that they take a few minutes to read, what John Hawkes has to say in his blog... on this "research". The Dawn Chumans <http://johnhawks.net/weblog/review>

By m3dodds · #35344 · 5/18/06

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Defining the AAH (was Re: Aqua-Photic Respiratory Cycle) (<https://groups.io/g/AAT/message/35324?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2740,64940669)

LHH why not? LHH [Littoral Hominid Hypothesis] would at least be a more accurate definition. ---m3d

By m3dodds · #35324 · 5/17/06

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Aqua-Photic Respiratory Cycle (was Re: Diving in lakes and rivers) (<https://groups.io/g/AAT/message/35308?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2740,64939898)

Hello Rob... No doubt with training,teaching, H.s was and is capable of "endurance running" an H.s exaptation for subsistence hunting. The survival strategy of last resort, once utilised by few [H.s]

By m3dodds · #35308 · 5/15/06

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Aqua-Photic Respiratory Cycle (was Re: Diving in lakes and rivers) (<https://groups.io/g/AAT/message/35296?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2740,64939898)

wrote: "All adaptations are former exaptations.... " DD Disagree. I do not think Gould and Vrba would have agreed... with that interpretation, either. ---m3d

By m3dodds · #35296 · 5/13/06

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Aqua-Photic Respiratory Cycle (was Re: Diving in lakes and rivers) (<https://groups.io/g/AAT/message/35289?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2740,64939898)

--- In AAT@..., "Algis Kuliukas" <algis@...> wrote: --- In AAT@..., "m3dodds" <dons3148@> wrote: --- In AAT@..., "Rob Dudman" <ansell@> wrote: > > Hello Rob > > >

By m3dodds · #35289 · 5/12/06

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Aqua-Photic Respiratory Cycle (was Re: Diving in lakes and rivers) (<https://groups.io/g/AAT/message/35287?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2740,64939898)

--- In AAT@..., "Rob Dudman" <ansell@...> wrote: Hello Rob > > .....But the issue of H.e/e using exhaustion-hunting > is one of inland exaptation, not littoral adaptation.. > ...subsequen

By m3dodds · #35287 · 5/12/06

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Aqua-Photic Respiratory Cycle (was Re: Diving in lakes and rivers) (<https://groups.io/g/AAT/message/35244?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2740,64939898)

Hello DD Seems Yahoo is back [working at the moment], this problem appears to be happening elsewhere in Yahoo groups. Seems to happen

when America wakens up[goes online]. Could be Yahoo has problems I

By m3dodds · #35244 · 5/07/06

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Aqua-Photic Respiratory Cycle (was Re: Diving in lakes and rivers) (<https://groups.io/g/AAT/message/35243?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2740,64939898)

Agree, with most of what you say Algis. One other point that is often overlooked in these discussions, is that during glacial periods [ice ages] marine sources are often depleted. As a fall in sea lev

By m3dodds · #35243 · 5/07/06

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Aqua-Photic Respiratory Cycle (was Re: Diving in lakes and rivers) (<https://groups.io/g/AAT/message/35227?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2740,64939898)

Think you are putting too much of an emphasis on diving, deep water diving. Our littoral ancestors foraging for marine invertebrates, should be seen as supplementing other food sources, not replacing

By m3dodds · #35227 · 5/06/06

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T Cell 'Brakes' Lost During Human Evolution (<https://groups.io/g/AAT/message/35172?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2740,64940341)

T Cell 'Brakes' Lost During Human Evolution General Science : May 02, 2006 A significant difference between human and chimpanzee immune cells may provide clues in the search to understand the diverse

By m3dodds · #35172 · 5/02/06

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Breathing & Diving (<https://groups.io/g/AAT/message/35164?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2740,64939504)

This is more about mental discipline, than anything else. Intense concentration techniques have been used in meditation for centuries, are now used in sport and medicine. Intense concentration is know

By m3dodds · #35164 · 5/02/06

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Philip Tobias: Open the window ... (<https://groups.io/g/AAT/message/35130?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2760,64940251)

"SMASHING a paradigm is rejuvenating," says Phillip Tobias. He should know. To mark his 70th birthday five years ago, Tobias urged his fellow palaeoanthropologists to ditch one of the central dogmas o

By m3dodds · #35130 · 4/30/06

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Aqua-Photic Respiratory Cycle (was Re: Diving in lakes and rivers) (<https://groups.io/g/AAT/message/35110?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2760,64939898)

H.erectus would have been subject to hypothermia, in the same we are today. All mammals lose heat fast in water. Mammals with a similar body temperature to man [37.C],like Dolphins that have adapted t

By m3dodds · #35110 · 4/29/06

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Aqua-Photic Respiratory Cycle (was Re: Diving in lakes and rivers) (<https://groups.io/g/AAT/message/35093?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2760,64939898)

As H.erectus diving and swimming underwater has been the subject of a number of post, some may find the following excerpts from the book... 'DIVING SCIENCE' by Michael B. Strauss, MD, and Igor V. Akse

By m3dodds · #35093 · 4/28/06

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Diving in lakes and rivers (<https://groups.io/g/AAT/message/35060?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2760,64939555)

As the average density of the human body[H.s] per cubic foot is 56-62 lbs [with air in the lungs]... What would have been the equivalent figure for the 'heavy boned' H.erectus? A cubic foot of water w

By m3dodds · #35060 · 4/27/06

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Aqua-Photic Respiratory Cycle (was Re: Diving in lakes and rivers) (<https://groups.io/g/AAT/message/34990?>  
p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2760,64939898)

On weight bearing I agree 100% with Algis: In what sense is floating in water, weight bearing? Archimedes' Principle states: that the buoyant force of a body is equal to the weight of the displaced li

By m3dodds · #34990 · 4/26/06

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Police Hunt for Chimps After Fatal Attack... (<https://groups.io/g/AAT/message/34962?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2760,64939852)

DD This chimp attack get's a mention in John Hawks weblog..... 'When chimps attack your taxi' <http://johnhawks.net/weblog/> Chimps and H.erectus could have met down in the rift, on the shores of som

By m3dodds · #34962 · 4/25/06

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### Police Hunt for Chimps After Fatal Attack... (<https://groups.io/g/AAT/message/34941?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2760,64939852)

Police Hunt for Chimps After Fatal Attack Mon Apr 24, 11:39 See the Police in Sierra Leone are searching for a gang of Chimps,that killed a taxi driver and mauled a group of Americans.... Wonder if H.

By m3dodds · #34941 · 4/24/06

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### Why whites of eyes spell 'danger' (<https://groups.io/g/AAT/message/34923?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2760,64939595)

--- In AAT@..., "&#92;" A. Lemak A.S. &#92;" <alas\_my\_loves@> wrote: --- In AAT@..., "m3dodds" <dons3148@> wrote: --- In AAT@..., "&#92;" A. Lemak A.S. &#92;" <al

By m3dodds · #34923 · 4/23/06

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### Why whites of eyes spell 'danger' (<https://groups.io/g/AAT/message/34906?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2760,64939595)

--- In AAT@..., "&#92;" A. Lemak A.S. &#92;" <alas\_my\_loves@...> wrote: --- In AAT@..., "m3dodds" <dons3148@> wrote: > > DD > > > It could be this instinctive fear response

By m3dodds · #34906 · 4/23/06

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### Why whites of eyes spell 'danger' (<https://groups.io/g/AAT/message/34867?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2760,64939595)

DD It could be this instinctive fear response to seeing the wide-open white-eyes of a companion,is unique to Homo. Normal white-eyes could be an aid to non-verbal communication in some circumstances,w

By m3dodds · #34867 · 4/22/06

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### All it takes is a single gene... (<https://groups.io/g/AAT/message/34833?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2760,64939650)

"We saw that the evolution of flight was quite sudden. That means there could be just a few key changes in limb development that resulted in more dramatic downstream consequences." Lee Niswander HHMI

By m3dodds · #34833 · 4/21/06

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### Why whites of eyes spell 'danger' (<https://groups.io/g/AAT/message/34818?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2760,64939595)

DD There could be a good reason for having a large amount of white in the human eye. As it seems we react without thinking on seeing wide-open "white eyes". React fast on seeing a lot of white on show

By m3dodds · #34818 · 4/21/06

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### Why whites of eyes spell 'danger' (<https://groups.io/g/AAT/message/34804?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2760,64939595)

Conspicuous white sclerae signal danger, fear? ---m3d Abstract Human Amygdala Responsivity to Masked Fearful Eye Whites Paul J. Whalen, Jerome Kagan, Robert G. Cook, F. Caroline Davis, Hackjin Kim, Sa

By m3dodds · #34804 · 4/20/06

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### The Root of All Evil? (Off topic) (<https://groups.io/g/AAT/message/34752?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2760,64939291)

NO... Thanks... ---m3d

By m3dodds · #34752 · 4/19/06

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### The Root of All Evil? (Off topic) (<https://groups.io/g/AAT/message/34747?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2760,64939291)

--- In AAT@..., "Jill Hamell" <jarrha@...> wrote: Hello Jill Welcome back... > Hi, there, > I'm jumping in here after a long hiatus from > reading/participating. Apologies if I'm repeating

By m3dodds · #34747 · 4/19/06

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### The Root of All Evil? ( Evolutionary Psychology ) (<https://groups.io/g/AAT/message/34711?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2760,64939392)

Evolutionary Psychology Cosmides & Tooby Principle 1. The brain is a physical system whose operation is governed solely by the laws of chemistry and physics. What does this mean? It means that all of

By m3dodds · #34711 · 4/18/06

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### Homo erectus... as Head bangers.. (<https://groups.io/g/AAT/message/34642?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2760,64939130)

No, not early 1900, but only 2 years ago... Incredible. Sorry I can't find it in the AAT1 files. Noel T Boaz & Russell L Ciochon 2004 "Headstrong

Hominids" Nat.History 113:28, and "Dragon Bone Hill: a  
By m3dodds · #34642 · 4/16/06

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Homo erectus... as Head bangers.. (<https://groups.io/g/AAT/message/34588?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2760,64939130)

Which paper? H.e pachyostosis; head banging as an explanation is comical... but it is also the kind of nonsense they would have written in the early 1900's when human ancestors at best, were regarded

By m3dodds · #34588 · 4/14/06

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Homo erectus... as Head bangers.... (<https://groups.io/g/AAT/message/34554?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2760,64939113)

Dragon Bone Hill... was mention recently in discussions about H.erectus, for background some might find this link interesting... Headstrong Hominids <http://www2.uiowa.edu/dragon/articles.htm> A Natural

By m3dodds · #34554 · 4/13/06

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Difficult Definitions (<https://groups.io/g/AAT/message/34525?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2760,64939012)

Littoral A littoral is the region near the shoreline of a body of fresh or salt water. The term may also be used as an adjective. Depending on context, it may mean the region within a few meters of th

By m3dodds · #34525 · 4/12/06

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The need to broaden and water down the AAH (<https://groups.io/g/AAT/message/34509?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2780,64938688)

Hello Elaine Littorals other advantage[apart from being a more neutral word] is that it includes the foreshore... whereas words like shore,shoreline waterside... stop at the waters edge. Other than th

By m3dodds · #34509 · 4/11/06

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The need to broaden and water down the AAH (<https://groups.io/g/AAT/message/34499?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2780,64938688)

Hello Elaine Can I ask why you favour "riparian" ? Widely used to describe wetland forest, and the land-water interface adjacent to moving water[streams/rivers]... Why not littoral? ---m3d

By m3dodds · #34499 · 4/11/06

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Walking out of the Sea... (<https://groups.io/g/AAT/message/34432?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2780,64938821)

Published online: 5 April 2006 THE FISH THAT CRAWLED OUT OF THE WATER A Newly Found Fossil Links Fish to Land-lubbers. Rex Dalton A crucial fossil that shows how animals crawled out from the water, ev

By m3dodds · #34432 · 4/08/06

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CC (Re: Re: Brain use (Was: Neu5Gc) (<https://groups.io/g/AAT/message/34403?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2780,64938301)

Photo of Homo erectus skeleton... KNM-WT 15000 Homo erectus [Nariokotome Boy] <http://www.modernhumanorigins.net/wt15000.html> ---m3d

By m3dodds · #34403 · 4/06/06

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CC (Re: Re: Brain use (Was: Neu5Gc) (<https://groups.io/g/AAT/message/34384?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2780,64938301)

--- In AAT@..., "Marc Verhaegen" <marc.verhaegen@...> wrote: Thanks. Marc. From the description of H.e you gave, would it be correct to say that they[H.e] had in their day to day life a cr

By m3dodds · #34384 · 4/06/06

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CC (Re: Re: Brain use (Was: Neu5Gc) (<https://groups.io/g/AAT/message/34337?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2780,64938301)

To avoid any misunderstanding, are you saying that H.erectus did not have an upright posture, or that the gait of H.erectus was significantly different? If the latter, how different was it? ---m3d The

By m3dodds · #34337 · 4/05/06

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CC (Re: Re: Brain use (Was: Neu5Gc) (<https://groups.io/g/AAT/message/34307?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2780,64938301)

Agree, upright posture[an a decent sized brain] has shaped human anatomy for at least 2.6 My... ---m3d

By m3dodds · #34307 · 4/03/06

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CC (Re: Re: Brain use (Was: Neu5Gc) (<https://groups.io/g/AAT/message/34250?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2780,64938301)

Of course it has everything to do with walking upright or to be more precise, functioning in three dimensions. In our case, it is trait we inherited it from our arboreal ancestors... Our brains contin

By m3dodds · #34250 · 3/30/06

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Brain use (Was: Neu5Gc) (<https://groups.io/g/AAT/message/34234?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2780,64937463)

--- In AAT@..., "Rob Dudman" <ansell@...> wrote: Hello Rob... > Hello m3d..... > > > > You never know... they might dig up habilis the > > terminator, one of these days, still clutching a

By m3dodds · #34234 · 3/26/06

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Brain use (Was: Neu5Gc) (<https://groups.io/g/AAT/message/34157?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2780,64937463)

--- In AAT@..., "Rob Dudman" <ansell@...> wrote: Hello Rob... > Hello m3d..... > > > > > Ok, how about.....'Wid a bit ov lock, I'll be beck!' > > > > > says, habilis the terminator.. from

By m3dodds · #34157 · 3/22/06

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Brain use (Was: Neu5Gc) (<https://groups.io/g/AAT/message/34129?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2780,64937463)

--- In AAT@..., "Rob Dudman" <ansell@...> wrote: Hello Rob... > Hello m3d..... > > > > > 'I'll be beck!' > > > > > Unfortunately for the terminator... they were > > probably the ones being

By m3dodds · #34129 · 3/19/06

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Brain use (Was: Neu5Gc) (<https://groups.io/g/AAT/message/34100?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2780,64937463)

--- In AAT@..., "Rob Dudman" <ansell@...> wrote: Hello Rob... > Hello m3d..... > > > > > Termitivore... sounds like they were > > exterminating termites en masse....habilis > > the terminat

By m3dodds · #34100 · 3/16/06

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Brain use (Was: Neu5Gc) (<https://groups.io/g/AAT/message/34062?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2780,64937463)

--- In AAT@..., "Rob Dudman" <ansell@...> wrote: Hello Rob... > Hello m3d..... > > > > > However.. unless the habilis was a herbivore > > it seems early grains, would not have played > > mu

By m3dodds · #34062 · 3/13/06

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Brain use (Was: Neu5Gc) (<https://groups.io/g/AAT/message/34013?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2780,64937463)

--- In AAT@..., "Rob Dudman" <ansell@...> wrote: Hello Rob... > Hello m3d..... > > > > > .....A consequence was a reduction in the gut, with some of > > the energy once used by the gut no

By m3dodds · #34013 · 3/10/06

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Turkish Quadripedal family... (<https://groups.io/g/AAT/message/33974?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2780,64937900)

BBC Family may provide evolution clue... Five siblings from Turkey who walk on all fours could provide science with an insight into human evolution, researchers have said. <http://news.bbc.co.uk/2/hi/s>

By m3dodds · #33974 · 3/08/06

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Brain use (Was: Neu5Gc) (<https://groups.io/g/AAT/message/33946?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2780,64937463)

--- In AAT@..., "Rob Dudman" <ansell@...> wrote: Hello Rob... > Hello m3d..... > > > > > (RD): .....The first of these concerns dietary quality.....it > > > involves an enlargement of t

By m3dodds · #33946 · 3/07/06

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Brain use (Was: Neu5Gc) (<https://groups.io/g/AAT/message/33902?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2780,64937463)

--- In AAT@..., "Rob Dudman" <ansell@...> wrote: Hello Rob... > Hello m3d..... > > > > > H.n had a brain roughly 17% bigger than ours, what did > > they use it for? > > > > > While persuasive

By m3dodds · #33902 · 3/04/06

---

Neu5Gc (<https://groups.io/g/AAT/message/33857?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2780,64937049)

--- In AAT@..., "Rob Dudman" <ansell@...> wrote: Hello Rob... > Hello m3d..... > > > > > Still water, an ambient temperature of 20.c, favour

> > Mozzies and I think they can infect a  
By m3dodds · #33857 · 3/01/06

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Neu5Gc (<https://groups.io/g/AAT/message/33821?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2780,64937049)

--- In AAT@..., "Rob Dudman" <ansell@...> wrote: Hello Rob.... > Hello m3d..... > > > The reason I speculated they were few in number, facing > > extinction immediately prior to th

By m3dodds · #33821 · 2/26/06

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Brain use (Was: Neu5Gc) (<https://groups.io/g/AAT/message/33811?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2780,64937463)

Hello Rob... Thanks for the abstract[an the link]. Further search for the paper, resulted in a link for a PDF version [Finlay PDF]of the paper that was in "Behavioural and Brain Sciences" [2001]. It i

By m3dodds · #33811 · 2/25/06

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Neu5Gc (<https://groups.io/g/AAT/message/33781?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2800,64937049)

This estimation is based on H/P = 6.5 Ma IIRC, see the original paper, but if H/P = 5 Ma, then the MYH16 inactivation is estimated to have happened ~1.8 Ma. Marc Whether 2.4 or 1.8 Mya, it basically c

By m3dodds · #33781 · 2/23/06

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Neu5Gc (<https://groups.io/g/AAT/message/33763?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2800,64937049)

Hello m3d.....a follow-up to my previous post: In a CBS News article about the research by Stedman et al., I find this..... 'Critics said the study takes several wrong turns. Under the pres

By m3dodds · #33763 · 2/22/06

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Neu5Gc (<https://groups.io/g/AAT/message/33749?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2800,64937049)

Hello Michael... Thanks for responding. It has always struck me as odd, that Homo has had a large brain for at least 500,000 years, if not a lot longer, yet seemingly made little use of its remarkable

By m3dodds · #33749 · 2/21/06

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Fw: Query about AAT (<https://groups.io/g/AAT/message/33742?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2800,64937246)

Role of water, in bipedalism disputed? No... I would say the question, is whether it was swamp wading for a third(?) of the year, or whether it was diving to feed in warm coastal waters that gave us a

By m3dodds · #33742 · 2/19/06

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Neu5Gc (<https://groups.io/g/AAT/message/33741?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2800,64937049)

Hello Rob... Two Neu5Gc scenarios... Six, seven million years ago the common ancestor of today's malaria parasites - Plasmodium reichenowi and Plasmodium falciparum – plagued the LCA, and continued to

By m3dodds · #33741 · 2/19/06

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Fw: Query about AAT (<https://groups.io/g/AAT/message/33710?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2800,64937246)

Your comparison, is meaningless an unfair... as you are not comparing like with like. Are you seriously suggesting that anyone can comprehend the gait of a remote ancestor, simply by walking for five m

By m3dodds · #33710 · 2/17/06

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Fw: Query about AAT (<https://groups.io/g/AAT/message/33700?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2800,64937246)

--- In AAT@..., "Marc Verhaegen" <marc.verhaegen@... MV: AK: A meaningless an unfair comparison, you are not comparing like with like... As the authors of the paper[below] suggest... adapt

By m3dodds · #33700 · 2/16/06

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Neu5Gc (<https://groups.io/g/AAT/message/33678?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2800,64937049)

--- In AAT@..., "Rob Dudman" <ansell@...> wrote: Hello Rob.... > Hello m3d..... > > > .....I would have thought obtaining a date for the > > MYH16 mutation, would be the eas

By m3dodds · #33678 · 2/15/06

Age of the Sahara Desert ... 7 million years (<https://groups.io/g/AAT/message/33661?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2800,64937235)

The Age of the Sahara Desert Mathieu Schuster,Philippe Durringer Jean-François Ghienne,Patrick Vignaud, Hassan Taisso Mackaye, Andossa Likius,Michel Brunet Science. 10 February 2006: Vol. 311. no. 5762

By m3dodds · #33661 · 2/12/06

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Neu5Gc (<https://groups.io/g/AAT/message/33653?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2800,64937049)

Hello Rob... Think the date for the calculation of the CMHA inactivation(Neu5Gc), was based on a comparison of stretches of human/chimp junk DNA, which resulted in a date of 2.7 Mya. Conversely, I would

By m3dodds · #33653 · 2/11/06

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Early human ancestors had a wobble in their walk... (<https://groups.io/g/AAT/message/33639?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2800,64937170)

It was the apiths that had the wobbly knees... and "walked" with a wobble. ---m3d

By m3dodds · #33639 · 2/10/06

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Hexian Homo erectus (<https://groups.io/g/AAT/message/33637?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2800,64937177)

wrote: Could be Hexian County - Anhui Province, in southeastern China ---m3d

By m3dodds · #33637 · 2/10/06

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Early human ancestors had a wobble in their walk... (<https://groups.io/g/AAT/message/33631?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2800,64937170)

Early human ancestors had a wobble in their walk PhysOrg.com February 08, 2006 Anthropologists Dan Gebo of Northern Illinois University and Gary Schwartz of Arizona State University analyzed heel and

By m3dodds · #33631 · 2/09/06

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New poll... (<https://groups.io/g/AAT/message/33630?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2800,64937168)

Interesting poll... DD Out of 25, I found only two(possibly three) human characteristics relevant, to our ancestors time on the beach some 2 million and more years ago. ---m3d

By m3dodds · #33630 · 2/09/06

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Neu5Gc (<https://groups.io/g/AAT/message/33597?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2800,64937049)

--- In AAT@..., "Rob Dudman" <ansell@...> wrote: Hello m3d..... > > "Several previous studies have linked ingestion of red > meat to cancer and heart disease, and possibly to some >

By m3dodds · #33597 · 2/05/06

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Neu5Gc (<https://groups.io/g/AAT/message/33575?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2800,64937049)

Non-human Molecule Is Absorbed by Eating Red Meat According to Study by UCSD Researchers "Several previous studies have linked ingestion of red meat to cancer and heart disease, and possibly to some d

By m3dodds · #33575 · 2/03/06

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hearing & screaming (<https://groups.io/g/AAT/message/33510?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2800,64936904)

<alas\_my\_loves@y...> wrote: Excellent links... The page in question, had two other links... One linked to a page explaining, how hearing actually works. While the other linked to an article, that kind

By m3dodds · #33510 · 1/29/06

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[Marcel] OoA1 (<https://groups.io/g/AAT/message/33486?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2800,64936298)

<alas\_my\_loves@y...> wrote: DD A drop in sea levels, usually means a drop in temperature too... But not always, refilling the Mediterranean sea 5.3 Mya, dropped sea levels. Sea levels, have risen 120

By m3dodds · #33486 · 1/25/06

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[Marcel] OoA1 (<https://groups.io/g/AAT/message/33468?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2800,64936298)

The reason I raised the issue of a possible connection between the MSC and the inundation of the Danakil depression 5.3 Mya... Is that you are apparently relying on a rise in sea-levels alone as an expl

By m3dodds · #33468 · 1/22/06

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[Marcel] OoA1 (<https://groups.io/g/AAT/message/33378?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2800,64936298)

Marcel MSC ~ is there no connection between the MSC 5.96 ~ 5.33 Mya and the inundation of the Danakil depression (5.3 Mya)? Would not the sudden disappearance of a large body of water in the shape of

By m3dodds · #33378 · 1/14/06

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[Marcel] OoA1 (<https://groups.io/g/AAT/message/33349?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2820,64936298)

--- In AAT@..., "Marc Verhaegen" <marc.verhaegen@v...> wrote: MV: The low genetic variation in Hs suggests a recent bottleneck, perhaps less than 200 ka or so rather than millions of years

By m3dodds · #33349 · 1/12/06

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[Marcel] OoA1 (<https://groups.io/g/AAT/message/33312?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2820,64936298)

MW: As I proposed in my article, since Afar Island became isolated from the rest of Africa after 5.3 million years ago during the reflooding of the Red Sea, the only hominin that was around during the

By m3dodds · #33312 · 1/10/06

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[Marcel] OoA1 (<https://groups.io/g/AAT/message/33306?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2820,64936298)

[MW]As you quote below, clearly indicate that geographical isolation as a possibility. Island isolation, however, would also explain the dramatic loss in genetic variation. Although, the earlier isola

By m3dodds · #33306 · 1/09/06

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[Marcel] OoA1 (<https://groups.io/g/AAT/message/33290?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2820,64936298)

Yes, there are a number of speculative scenarios in the PLOS paper. However, are you saying the above quote, from the PLOS synopsis of the paper is incorrect? ---m3d PLOS biology paper: "Several specu

By m3dodds · #33290 · 1/07/06

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[Marcel] OoA1 (<https://groups.io/g/AAT/message/33287?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2820,64936298)

It should be pointed out that the authors of paper dismissed the idea of geographical isolation... whether on an island or elsewhere.....

Quote: As for how this retroviral infection bypassed orangut

By m3dodds · #33287 · 1/07/06

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endurance running (<https://groups.io/g/AAT/message/33247?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2820,64933226)

--- In AAT@..., "Rob Dudman" <ansell@a...> wrote: Hello Rob... > > ..... Found your paleomorphs, fascinating, the halibis- > > erectus one seems to rule out the apith-like halibis as an

By m3dodds · #33247 · 1/03/06

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Happy New Year... (<https://groups.io/g/AAT/message/33232?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2820,64936272)

Raise a glass to Hogmany! [Raise a glass to... the new morning!] Best wishes to you all... in 2006 Sláinte Mhath! ---m3d

By m3dodds · #33232 · 12/31/05

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endurance running (<https://groups.io/g/AAT/message/33199?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2820,64933226)

Hello Rob... Hunting ~ I have been reading up on Chimpanzees hunting; on the basis that any comparable ancestor of Man 2.5 Mya would have used a similar method of hunting down small prey in the forest

By m3dodds · #33199 · 12/28/05

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Merry Christmas & happy 2006 to all! (<https://groups.io/g/AAT/message/33174?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2820,64936127)

NOLLAIG CHRIDHEIL... [Merry Christmas] Slán's Beannachd! ---m3d

By m3dodds · #33174 · 12/25/05

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Just So... (<https://groups.io/g/AAT/message/33115?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2820,64935673)

WORD HISTORY: The word trivial entered Middle English with senses quite different from its most common contemporary ones. We find in a

work from 1432-50 mention of the "arte triviale," an allusion to  
By m3dodds · #33115 · 12/21/05

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Scientists narrow the time limits for the human and chimpanzee split....

(<https://groups.io/g/AAT/message/33108?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2820,64936032>)

LCA six million years ago? ---m3d ----- Public Release: 19-Dec-2005 Proceedings of the National Academies of Science

Scientists narrow the time limits for the human and chimpanzee split.

By m3dodds · #33108 · 12/20/05

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endurance running (<https://groups.io/g/AAT/message/33080?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2820,64933226)

Where ~ apparently on the south side of the Himalaya (mountains) nearly two million years ago. This, Athena Review article on Homo erectus, explains it better: "Homo erectus and the Emergence of Sunda

By m3dodds · #33080 · 12/17/05

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endurance running (<https://groups.io/g/AAT/message/33053?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2820,64933226)

The "middle stretch" was the Indian subcontinent... Dmanisi ect.. is the western end(Sunda the eastern). The possible "shortcut" was the Tethys corridor, during the Olduvai subchron ~ 1.98 to 1.79 Mya

By m3dodds · #33053 · 12/16/05

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2mya-rift valley (<https://groups.io/g/AAT/message/33018?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2820,64935849)

<alas\_my\_loves@y...> wrote: Hello DD You could be on the right track... Google(search)for info(sites) on the Tethys corridor... a linear east-west geo.corridor... Homo erectus is said to have used, du

By m3dodds · #33018 · 12/15/05

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endurance running (<https://groups.io/g/AAT/message/33010?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2820,64933226)

Hunting ~ Still think a date prior to 1.5 Mya is far too early for an organised hunt, but then again it depends on how you define hunting. Pack animals hunt, chimps hunt and kill... However,how would

By m3dodds · #33010 · 12/15/05

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endurance running (<https://groups.io/g/AAT/message/32976?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2820,64933226)

What about ~ Dmanisi(Georgia),Atapuerca(northern Spain), Gongwangling and Longgupo(China),the Nihewan Basin in north China... and the only fossil find on the Indian subcontinent, is from northern Indi

By m3dodds · #32976 · 12/14/05

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why is our brain so large? (<https://groups.io/g/AAT/message/32952?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2820,64935638)

Not certain... However, it seems the largest portion of a bee's processing power is dedicated to vision. UV for instance, makes it easier for the bee to see which flowers have pollen...(guess for bee'

By m3dodds · #32952 · 12/13/05

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why is our brain so large? (<https://groups.io/g/AAT/message/32944?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2820,64935638)

Isn't colour, more important to bees... aren't they able to see ultraviolet light ? ---m3d

By m3dodds · #32944 · 12/12/05

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endurance running (<https://groups.io/g/AAT/message/32913?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2820,64933226)

Hello Rob... Could be that the first incidence of the tapeworm, simply resulted from scavenging meat. Whereas the latter incidences of the tapeworm indicating more accurately when our ancestors, took

By m3dodds · #32913 · 12/10/05

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why is our brain so large? (<https://groups.io/g/AAT/message/32908?>

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2820,64935638)

A photograph, is not a face... ---m3d not look recognize human a large processing G. Dyer, that he But not this seemed poor facial included only on the one man a drop attention to front of system," th

By m3dodds · #32908 · 12/10/05

---

endurance running (<https://groups.io/g/AAT/message/32836?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2840,64933226)

--- In AAT@..., "Rob Dudman" <ansell@a...> wrote: Hello Rob Yes... system restore in XP works perfectly, until you need to use it... > When I imagine H.e/e moving inland ca. 2 Mya and arri  
By m3dodds · #32836 · 12/06/05

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Marine adapted kidneys (<https://groups.io/g/AAT/message/32808?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2840,64935300)

Would also be interesting to know also, since its nephrons( some 2 million of them) that do the work in our kidneys... Do chimps, gorillas have significantly fewer nephrons in their kidneys ? Multilob  
By m3dodds · #32808 · 12/03/05

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endurance running (<https://groups.io/g/AAT/message/32807?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2840,64933226)

Welcome back... Rob Hope your computer glitches(windows?) were not to serious. Have been reading up myself on Microsoft's replacement, for XP due out next year. Vista... more costly, more complicated.  
By m3dodds · #32807 · 12/03/05

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Marine adapted kidneys (<https://groups.io/g/AAT/message/32773?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2840,64935300)

Agree... Eating carbohydrates would be better than protein. You could also produce more metabolic water, doing so. 1g of carbohydrate produces 0.60g water 1g of protein produces 0.41g water As I under  
By m3dodds · #32773 · 12/01/05

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Marine adapted kidneys (<https://groups.io/g/AAT/message/32772?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2840,64935300)

Guess I misunderstood, the above extract. I read it as saying you beleived ancient humans once ingested, large amounts of salt water. ---m3d Marcel F. Williams 12/1/05  
By m3dodds · #32772 · 12/01/05

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Marine adapted kidneys (<https://groups.io/g/AAT/message/32759?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2840,64935300)

Danakil island: An interesting hypothesis, but Easter islanders faced with a similar situation, came close to extinction... Would think your Danakil islanders faced with having to drink seawater, woul  
By m3dodds · #32759 · 11/30/05

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Otter Adaptations: How Do Otters Remain Sleek and Warm (<https://groups.io/g/AAT/message/32747?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2840,64935195)

shore, two million odd years ago - 1220 mm. tall 1520 mm. tall ? ( 4.ft - 5.ft ) ---m3d density and evolved their subcutaneous fat along the Indian Ocean shore. I believe they evolved it along the Red  
By m3dodds · #32747 · 11/28/05

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Otter Adaptations: How Do Otters Remain Sleek and Warm (<https://groups.io/g/AAT/message/32743?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2840,64935195)

Why an island, why not the coast... the ocean coast would have offered more for an opportunistic omnivore in terms of habitat. For example the foreshore, long ocean beaches, sheltered coves,lagoons an  
By m3dodds · #32743 · 11/27/05

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Otter Adaptations: How Do Otters Remain Sleek and Warm (<https://groups.io/g/AAT/message/32740?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2840,64935195)

How big were our ancestors on the Indian ocean shore, two million odd years ago - 1220 mm. tall 1520 mm. tall ? ( 4.ft - 5.ft ) ---m3d SEA OTTER Enhydra Lutris The sea Otter is perhaps the best known  
By m3dodds · #32740 · 11/27/05

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Otter Adaptations: How Do Otters Remain Sleek and Warm (<https://groups.io/g/AAT/message/32731?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2840,64935195)

How small, is small... May be wrong but last time I checked, there were at least twelve otter species. Some nearly two metres in length.With male sea otters, weighing as much as 40 - 45 kg. ---m3d wro  
By m3dodds · #32731 · 11/27/05

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Otter Adaptations: How Do Otters Remain Sleek and Warm (<https://groups.io/g/AAT/message/32708?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2840,64935195)

Being hairy, can sometimes be an advantage in water... ---m3d University of Pennsylvania OTTER ADAPTATIONS: HOW DO OTTERS REMAIN SLEEK AND WARM August 8, 2005 By: Karen Kreeger Otters cavorting in the

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endurance running (<https://groups.io/g/AAT/message/32693?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2840,64933226)

\*endurance running\*: Most species that can walk from a. to b. can run. An elephant can run, a cockroach can run. Run to avoid obvious threats, predators. There is nothing special about running, if you

By m3dodds · #32693 · 11/24/05

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endurance running (<https://groups.io/g/AAT/message/32658?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2840,64933226)

Persistent hunting(endurance running), was probably a learnt trait(like hunting, in general). One born out of desperation... to find something to eat, on the savannah. Algis, you should know compariso

By m3dodds · #32658 · 11/20/05

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endurance running (<https://groups.io/g/AAT/message/32646?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2840,64933226)

Why ? Persistence hunting [endurance running] seems, a highly inefficient way to hunt. Effective predators use stealth, strength and cunning... ---m3d

By m3dodds · #32646 · 11/19/05

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Salt retention in the kidneys (<https://groups.io/g/AAT/message/32537?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2840,64934799)

why malignant hypertension is much more frequent in Africans than in Europeans, and why certain antihypertensiva (ACEI) don't work well in Africans. I don't know whether chimps have comparable genes.

By m3dodds · #32537 · 11/12/05

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Salt retention in the kidneys (<https://groups.io/g/AAT/message/32532?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2840,64934799)

Could be wrong Marc, but I read the article as saying, that as our ancestors left north-east Africa, selection favoured the broken gene(the dysfunctional protein)meaning less salt retention... not mor

By m3dodds · #32532 · 11/12/05

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Salt retention in the kidneys (<https://groups.io/g/AAT/message/32512?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2840,64934799)

As the kidneys, have been a subject of interest lately, you may find this article, published last year interesting... ---m3d 2 November 2004  
2004 Hypertension Risk Linked to Geography in Human Evoluti

By m3dodds · #32512 · 11/10/05

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Marine adaptations in human kidneys (<https://groups.io/g/AAT/message/32481?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2840,64934570)

As the main kidney functions, are to maintain water balance, electrolyte balance and regulate acid-base concentration... Why then, do you put the emphasis on the levels of concentrated urine? ---m3d C

By m3dodds · #32481 · 11/09/05

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Prehistoric skull found in dump may be missing ancestor (<https://groups.io/g/AAT/message/32463?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2840,64934667)

--- In AAT@..., "Mario Petrinovich" <mario.petrinovic1@z...> wrote: m3dodds: >> In either case, it remains a possibility that >> the ancestor of P/G/H originated in southern >> Europe, some

By m3dodds · #32463 · 11/08/05

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Prehistoric skull found in dump may be missing ancestor (<https://groups.io/g/AAT/message/32457?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2840,64934667)

Marc That's what I thought, when I saw the newspaper article. However, the article does mention the find last year: "Last year, the team found a 13m-year-old partial skeleton, also believed to be a co

By m3dodds · #32457 · 11/08/05

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Prehistoric skull found in dump may be missing ancestor (<https://groups.io/g/AAT/message/32452?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2860,64934667)

Cradle of humanity in the Mediterranean ? ---m3d Prehistoric skull found in dump may be missing ancestor Dale Fuchs in Madrid Monday  
November 7, 2005 The Guardian Palaeontologists excavating a dump ou

By m3dodds · #32452 · 11/07/05

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Marine adaptations in human kidneys (<https://groups.io/g/AAT/message/32451?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2860,64934570)

Humans still seem profligate in excreting 1% of the 180 litres or so of water, our "marine" kidneys can process on a daily basis. The hopping-mouse excretes "dust" in comparison to the amount of water

By m3dodds · #32451 · 11/07/05

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Marine adaptations in human kidneys (<https://groups.io/g/AAT/message/32440?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2860,64934570)

Who needs a terrestrial-freshwater "marine" kidney... 1)an ancestor, adapted to life in a hot dry environment? 2)a crazed suicidal ancestor,trying to re-adapted to life in the seas, full time? 3)an an

By m3dodds · #32440 · 11/07/05

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swimming elephant (<https://groups.io/g/AAT/message/32431?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2860,64934574)

----- Interesting too, as the "elephant" fossil in question dates from the time of the last common ancestor of Homo an Apith-chimps... some 6 to 7 million years ago. Would seem too fr

By m3dodds · #32431 · 11/06/05

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swimming elephant (<https://groups.io/g/AAT/message/32418?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2860,64934574)

Swimming elephant unearthed in Greece January 31 2003 at 04:11PM By Derek Gatopoulos Iraklio, Greece - A prehistoric ancestor of the elephant may have roamed - and perhaps swum - farther than experts

By m3dodds · #32418 · 11/04/05

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Natural Selection in Humans (<https://groups.io/g/AAT/message/32360?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2860,64934270)

Agree, especially on the evolution of language... which seems to be accelerating daily. On the other hand, there is the rise of fundamentalism an a hatred of those who think differently... ---m3d The

By m3dodds · #32360 · 10/30/05

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original ideas on Hf (<https://groups.io/g/AAT/message/32351?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2860,64934396)

about homo florensis is not in english, if someone knows how to translate 24.7 i would be interested, thank you. Try using Babel Fish... for a translation of the web page, or the article. (it is not a

By m3dodds · #32351 · 10/30/05

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Natural Selection in Humans (<https://groups.io/g/AAT/message/32292?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2860,64934270)

perception & Would have been better if the article had included more detail, been more specific... For example, have humans been subject to increased natural selection since the last LCA, some six mil

By m3dodds · #32292 · 10/26/05

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Natural Selection in Humans (<https://groups.io/g/AAT/message/32268?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2860,64934270)

Natural selection has strongly influenced recent human evolution, Cornell/Celera Genomics study finds By Krishna Ramanujan ITHACA, N.Y. -  
- The most detailed analysis to date of how humans differ from

By m3dodds · #32268 · 10/24/05

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Aquatic Laughter (<https://groups.io/g/AAT/message/32239?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2860,64934050)

Human laughter 210 milliseconds, yes. Chimpanzee PFV 210 milliseconds? Provine: "The sound spectra revealed the distinct signature of laughter. A laugh is characterized by a series of short vowel-like

By m3dodds · #32239 · 10/22/05

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Aquatic Laughter (<https://groups.io/g/AAT/message/32206?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2860,64934050)

Thanks for the links, Dean. As said the sonogram's do indicate the difference between chimpanzee and human vocalisation. - The chimpanzee one, is a single exhale. - The human exhale is split into sepa

By m3dodds · #32206 · 10/20/05

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Not floating brain - visual cue (<https://groups.io/g/AAT/message/32189?>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2860,64933896)

Why four million years?? Its only since our ancestors were littoral apes some 2.5 million years ago, that we have attained our present stature, an brain size. Not, in the least... Other skull shaping

Aquatic Laughter (<https://groups.io/g/AAT/message/32172?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2860,64934050)

Thanks, for the link. Dean Sorry, but looking at the sonogram I would say they are dissimilar, an make a clear distinction between chimpanzee and human vocalisation. As for playface vocalisation, that

By m3dodds · #32172 · 10/18/05

Not floating brain - visual cue (<https://groups.io/g/AAT/message/32169?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2860,64933896)

Certainly a weak link if you were to apply your model/thesis to Homo, prior to Homo sapiens. Nature/evolution has no objective, no end goal in mind, none whatsoever... life strives only to survive. As

By m3dodds · #32169 · 10/18/05

Not floating brain - visual cue (<https://groups.io/g/AAT/message/32160?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2860,64933896)

Thanks Craig, For the brief summary of your model/thesis... However, I still do not understand the relevance of brain size, as the mating stratagem that you outline is based on superficial appearance(

By m3dodds · #32160 · 10/17/05

Not floating brain - visual cue (<https://groups.io/g/AAT/message/32138?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2860,64933896)

craighagstrom wrote: If it was solely for mating reasons, it would be ludicrous... on running costs alone. Those same costs to the individual, indicate that a large brain is essential for reasons, not

By m3dodds · #32138 · 10/16/05

Ape (human) ancestors: Anthropoid Origins (<https://groups.io/g/AAT/message/32116?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2860,64933998)

Durham, N.C. -- The fossil teeth and jawbones of two new species of tiny monkey-like creatures that lived 37 million years ago have been sifted from ancient sediments in the Egyptian desert, researche

By m3dodds · #32116 · 10/15/05

speech origins (Re: Australopithecines could not run bipedally (<https://groups.io/g/AAT/message/32084?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2860,64933533)

<alas\_my\_loves@y...> wrote: Not sure I can answer that question DD.. As I understand it, our vocal chords/folds only "produce" the noise(sound) to be shaped by the tongue, oral cavity, nasal cavity, t

By m3dodds · #32084 · 10/13/05

speech origins (Re: Australopithecines could not run bipedally (<https://groups.io/g/AAT/message/32065?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2860,64933533)

Appeasement-play is probably the best description of the origins of laughter. An element of appeasement, coupled learning and bonding. Unfortunately, laughter too has its dark side. Laughter in Homo,

By m3dodds · #32065 · 10/12/05

speech origins (Re: Australopithecines could not run bipedally (<https://groups.io/g/AAT/message/32048?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2860,64933533)

Think you are right Dean, it probably was Dr. Robert Provine's theory... Laughter a nervous response, in awkward situations. Laughter, used to ease tension. Laughter, used to defuse a possible hostile

By m3dodds · #32048 · 10/11/05

speech origins (Re: Australopithecines could not run bipedally (<https://groups.io/g/AAT/message/32038?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2880,64933533)

[Speech.] 700,000 may have been too early, a date. However,the findings of a team led by Ingacio Martínez ( in 2003?), suggested that the capacity for a simple form of speech had probably evolved by a

By m3dodds · #32038 · 10/09/05

speech origins (Re: Australopithecines could not run bipedally (<https://groups.io/g/AAT/message/32024?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2880,64933533)

Need not be a umbrella, "theory of everything" hypothesis. For example there is no direct link between walking on two legs, an intelligence... our ancestors were up on two legs, for millions of years

By m3dodds · #32024 · 10/07/05

speech origins (Re: Australopithecines could not run bipedally (<https://groups.io/g/AAT/message/32018?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2880,64933533)

--- In AAT@..., "Mario Petrinovich" <mario.petrinovic1@z...> wrote: m3dodds: Why do you think, it would be strange... ---m3d  
By m3dodds · #32018 · 10/07/05

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speech origins (Re: Australopithecines could not run bipedally (<https://groups.io/g/AAT/message/32014?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2880,64933533)

wrote: Speech... Pitch and volume(loudness) are created in the larynx. The teeth, the tongue, the lips and the roof of the mouth shape the sound created (articulation). Speech, it appears, stems from  
By m3dodds · #32014 · 10/05/05

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speech origins (Re: Australopithecines could not run bipedally (<https://groups.io/g/AAT/message/32001?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2880,64933533)

wrote: Think Mario, mentioned a link between the origin of speech and chewing food. Well I did a keyword metasearch an among other stuff it turned was this 2003 science news story: ---m3d ABC News Chi  
By m3dodds · #32001 · 10/05/05

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speech origins (Re: Australopithecines could not run bipedally (<https://groups.io/g/AAT/message/31997?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2880,64933533)

wrote: requirements, it also required a smaller mouth, smaller jaws. The ability to close off the nasal cavity. Finer control of the facial muscles and changes to our hearing... preadaptations to huma  
By m3dodds · #31997 · 10/04/05

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speech origins (Re: Australopithecines could not run bipedally (<https://groups.io/g/AAT/message/31993?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2880,64933533)

wrote: Preadaptions... predestination? Did dinosaurs evolve feathers for their own use(display?), or to enable their descendants to fly? Did early homo evolve voluntary breath control to dive, or to e  
By m3dodds · #31993 · 10/04/05

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speech origins (Re: Australopithecines could not run bipedally (<https://groups.io/g/AAT/message/31983?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2880,64933533)

wrote: Speech is relatively new... As well as the other requirements, it also required a smaller mouth, smaller jaws. The ability to close off the nasal cavity. Finer control of the facial muscles and  
By m3dodds · #31983 · 10/03/05

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Kamchatka Beaver, Mountain Beaver (<https://groups.io/g/AAT/message/31953?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2880,64933622)

wrote: Fingernails (an toenails) offer protection and support for the fingerpad an improve sensation(touch)(fingernails, are also useful, when climbing a rockface). Are'nt our fingers too short for gr  
By m3dodds · #31953 · 10/01/05

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human white eyes (Re: Evolving brains (<https://groups.io/g/AAT/message/31945?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2880,64933474)

Average acuity is 6/6 (20/20), an a lucky few have 6/4.5 (20/15)vision. But even that is nowhere as good the eyesight of some birds. Hawks have 20/2 vision. Good eyesight for our littoral ancestors, c  
By m3dodds · #31945 · 10/01/05

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human white eyes (Re: Evolving brains (<https://groups.io/g/AAT/message/31933?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2880,64933474)

<alas\_my\_loves@y...> wrote: DD. Maybe your asking the wrong question. As "the white of the eye" is simply the tough, opaque tissue that serves as the eye's protective outer coat.( it can have a blue t  
By m3dodds · #31933 · 10/01/05

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TOOL USING, WADING GORILLAS... (<https://groups.io/g/AAT/message/31916?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2880,64933584)

quote: However the gorillas acquired their skills, these observations suggest that the intelligence required for tool use evolved before the gorilla lineage split off from humans and the other great a  
By m3dodds · #31916 · 9/30/05

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Beyond the Savanna Mentality (<https://groups.io/g/AAT/message/31914?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2880,64933568)

--- In AAT@..., "Marc Verhaegen" <fa204466@s...> wrote: <http://www.discover.com/issues/oct-05/features/human-origins/> Thanks, DD! Finally they agree that the hominid LCA was partly bipedal  
By m3dodds · #31914 · 9/30/05

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Stone tools reveal cognitive limitations of 'little people' (<https://groups.io/g/AAT/message/31897?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2880,64933512)

--- In AAT@..., "Richard Parker" <richardparker01@y...> wrote: --- In AAT@..., "m3dodds" <dons3148@y...> wrote: >> A diseased brain, or one that ceased to evolve >> more than 2

By m3dodds · #31897 · 9/28/05

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Stone tools reveal cognitive limitations of 'little people' (<https://groups.io/g/AAT/message/31884?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2880,64933512)

A diseased brain, or one that ceased to evolve more than 2 million years ago? ---m3d STONE TOOLS REVEAL COGNITIVE LIMITATIONS OF 'LITTLE PEOPLE' August 26, 2005 The recently-discovered human species H

By m3dodds · #31884 · 9/27/05

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Question (<https://groups.io/g/AAT/message/31861?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2880,64933444)

As I understand it... water played a greater role in our evolution, but not an exclusive role. I would recomend reading "Aquatic Man and African Eve" by Denis Montgomery, as he explores all aspects of

By m3dodds · #31861 · 9/23/05

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Back to ... roots (<https://groups.io/g/AAT/message/31843?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2880,64933380)

<alas\_my\_loves@y...> wrote: There are a number of contradictions in the article, at one point they are talking about our post- LCA ancestors extending their habitat to include forest and savannah, nex

By m3dodds · #31843 · 9/21/05

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aquatic ape theory. (<https://groups.io/g/AAT/message/31842?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2880,64933355)

Thank you for the welcome. I have nothing to add to what has been discussed so far.The reason being that my arguments are pure theory, but i like to encourage others with superior knowldge to put what

By m3dodds · #31842 · 9/21/05

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Back to ... roots (<https://groups.io/g/AAT/message/31827?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2880,64933380)

Yehh right... ---m3d ----- Public release date: 16-Sep-2005 Eurekalert The roots of civilization trace back to ... roots MINNEAPOLIS / ST. PAUL- About five to s

By m3dodds · #31827 · 9/19/05

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aquatic ape theory. (<https://groups.io/g/AAT/message/31819?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2880,64933355)

Welcome to the debate, Hernan Bos. Hope you wont be too discouraged from expressing your views on our aquatic past, when you discover the chances of the scientific community accepting our view of huma

By m3dodds · #31819 · 9/17/05

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Human Brain Is Still Evolving (<https://groups.io/g/AAT/message/31803?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2900,64933255)

wrote: The Microcephalin date seems to coincide with the emergence of the Cro-Magnons [earliest known European examples of Homo sapiens?],Aurignacian culture an cave-art. At a guess, if you want to at

By m3dodds · #31803 · 9/12/05

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Human Brain Is Still Evolving (<https://groups.io/g/AAT/message/31789?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2900,64933255)

--- In AAT@..., "m3dodds" <dons3148@y...> wrote: Microcephalin? Human Molecular Genetics, 2004, Vol. 13, No. 11 1131-1137 MOLECULAR EVOLUTION OF MICROCEPHALIN, A GENE DETERMINING HUMAN BRA

By m3dodds · #31789 · 9/09/05

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Human Brain Is Still Evolving (<https://groups.io/g/AAT/message/31778?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2900,64933255)

More interesting, is why... Quote[1]: "In the case of Microcephalin, the origin of the new variant[37,000 years ago] coincides with the emergence of culturally modern humans," Quote[2]: "And the ASPM

By m3dodds · #31778 · 9/09/05

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Human Brain Is Still Evolving (<https://groups.io/g/AAT/message/31775?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2900,64933255)

"However, it seemed to have evolved slightly slower later on. By contrast, ASPM has evolved most rapidly in the last six million years of hominid evolution, after the divergence of humans and chimpanz

By m3dodds · #31775 · 9/09/05

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chimp Y changed much more than human? (<https://groups.io/g/AAT/message/31723?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2900,64933128)

wrote: HHMI news release: September 01, 2005 Human Y Chromosome Preserves Itself Better Than the Chimp Y

<http://www.hhmi.org/news/page6.html> ---m3d

By m3dodds · #31723 · 9/02/05

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Survival of the Male... (<https://groups.io/g/AAT/message/31703?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2900,64933077)

The male of the species, will survive... ---m3d "The big idea has been that the Y chromosome's genes are going away — that it's not long for this world," Page explained. But these new data — based on

By m3dodds · #31703 · 8/31/05

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Getting the Message (<https://groups.io/g/AAT/message/31648?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2900,64932951)

Getting the Message. Chimpanzees appear to be capable of communicating using sounds that refer to specific objects, according to a study of sounds made in response to different foods. It is the first

By m3dodds · #31648 · 8/26/05

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Taking the plunge, Kate Douglas in NS, 2000 (<https://groups.io/g/AAT/message/31636?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2900,64932912)

wrote: Try this one... [http://www.cise.ufl.edu/~nantonio/aquatic\\_ape\\_theory.htm](http://www.cise.ufl.edu/~nantonio/aquatic_ape_theory.htm) ---m3d "There are still researchers who greet the new developments with about as much enthusiasm as Hardy received back

By m3dodds · #31636 · 8/26/05

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Taking the plunge, Kate Douglas in NS, 2000 (<https://groups.io/g/AAT/message/31628?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2900,64932912)

wrote: This article? <http://www.newscientist.com/article.ns?id=mg16822664.300> ---m3d

By m3dodds · #31628 · 8/26/05

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Fw: Homo & molluscs (<https://groups.io/g/AAT/message/31626?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2900,64932904)

A diverse littoral habitat... ---m3d "After this lengthy migration, early humans inhabited East Asia from 40°N latitude (Nihewan Basin) to 7°S latitude (Java) - a wide diversity of environments." "In

By m3dodds · #31626 · 8/26/05

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Solway (was: meat and stone tools and other things.....) (<https://groups.io/g/AAT/message/31611?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2900,64932881)

<alas\_my\_loves@y...> wrote: Thanks M3D, just wondering, there's a Solway, Scotland town, and a Solway, Minnesota US town named after it by settlers, near Duluth and Lake Superior (freshwater). I thoug

By m3dodds · #31611 · 8/25/05

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Littoral (<https://groups.io/g/AAT/message/31581?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2900,64932725)

wrote: Thanks Richard, for your website link. Obtained the info on banana orgins, from this site:

[www.arc.agric.za/institutes/itsc/main/banana/origin.htm](http://www.arc.agric.za/institutes/itsc/main/banana/origin.htm) regards ---m3d

By m3dodds · #31581 · 8/24/05

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Littoral (<https://groups.io/g/AAT/message/31580?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2900,64932725)

<alas\_my\_loves@y...> wrote: DD. Would appear from this article on the orgins of the banana, that the banana, was once inedible. ---m3d ARC - INSTITUTE FOR TROPICAL & SUBTROPICAL CROPS BANANA Origin of

By m3dodds · #31580 · 8/24/05

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meat and stone tools and other things..... (<https://groups.io/g/AAT/message/31570?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2900,64932783)

--- In AAT@..., "&#92;" A. Lemak A.S. &#92;" <alas\_my\_loves@y...> wrote: By the by, since Scottish coast has come up Anybody familiar with the Firth of Solway? Is that marine or lacustrin

By m3dodds · #31570 · 8/23/05

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meat and stone tools (<https://groups.io/g/AAT/message/31560?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2900,64930293)

Thanks, for the link. Signed up, for an email alert. ---m3d

By m3dodds · #31560 · 8/23/05

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Littoral (<https://groups.io/g/AAT/message/31557?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2900,64932725)

wrote: I would agree wholeheartedly, m3d - there aren't many carbohydrates, for instance, available in the 'spray zone' and beyond, into the sea. But I might take issue with Marc on: "The biol. definitio

By m3dodds · #31557 · 8/23/05

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Littoral (<https://groups.io/g/AAT/message/31554?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2900,64932725)

wrote: The Wikipedia definition does say, that depending on use, the term littoral can mean an area extending many kilometers inland. IMO the littoral habitat of our ancestors, did stretch inland. As

By m3dodds · #31554 · 8/23/05

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Littoral (<https://groups.io/g/AAT/message/31543?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2900,64932725)

In human culture, the littoral is most important; a large percentage of the world's population lives close to lakes or the sea. LITTORAL A littoral is the region near the shoreline of a body of fresh

By m3dodds · #31543 · 8/22/05

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meat and stone tools (<https://groups.io/g/AAT/message/31536?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2900,64930293)

For some reason, I thought you had moved to the Western Isles. The town of Nairn though, is a good place to live, an like you say the views across the firth are beyond price. (the town where I was born

By m3dodds · #31536 · 8/22/05

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meat and stone tools (<https://groups.io/g/AAT/message/31529?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2900,64930293)

Hi Pauline, Black isle? Not, Na h-Eileanan Siar... Spent much time, watching the dolphins? Agree 100% ---m3d

By m3dodds · #31529 · 8/21/05

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KWing (Re: Re: Final Solution of the Aquatic Question (<https://groups.io/g/AAT/message/31518?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2920,64932496)

--- In AAT@..., Daud Deden <alas\_my\_loves@y...> wrote: M3D, what is the index measuring, a ratio or inches or cm? Armlength to body proportion? Gibbon is small with long arms, orang can be

By m3dodds · #31518 · 8/21/05

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KWing (Re: Re: Final Solution of the Aquatic Question (<https://groups.io/g/AAT/message/31514?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2920,64932496)

--- In AAT@..., "&#92;" A. Lemak A.S. &#92;" <alas\_my\_loves@y...> wrote: Hi M3D, in the Wildlife Fact File, it mentions Siamang Gibbons armspread is 5', arm length is 1/3 longer than thei

By m3dodds · #31514 · 8/20/05

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¥À¥Ã¥É¥Á¼¥ë¥¥é¼Éóíð (<https://groups.io/g/AAT/message/31504?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2920,64932624)

I daren't mark them as junk, in case Thunderbird thinks all of AAT is junk too. Anyone know what's going on? Ken, You might find this site for Thunderbird users, useful. It has about everything on han

By m3dodds · #31504 · 8/20/05

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KWing (Re: Re: Final Solution of the Aquatic Question (<https://groups.io/g/AAT/message/31500?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2920,64932496)

--- In AAT@..., "Marc Verhaegen" <marc.verhaegen@v...> wrote: < > MV: Very long & straight legs: wading (heron) or running (ostrich). Not for trees (unless BKBH as in indri, tarsier...)-

By m3dodds · #31500 · 8/20/05

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fast evolution (Re: Re: Final Solution of the Aquatic Question (<https://groups.io/g/AAT/message/31473?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2920,64932554)

wrote: encountered similar environmental conditions? 160,000(5M)? ---m3d MV: Evolution can happen remarkably fast. Selection can happen at once, see the early deaths by arteriosclerosis etc. in Hawaii

By m3dodds · #31473 · 8/19/05

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### Final Solution of the Aquatic Question (<https://groups.io/g/AAT/message/31464>?

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2920,64931688)

M3D: How many generations 32,000(1M) 64,000(2M) 160,000(5M)? ---m3d

By m3dodds · #31464 · 8/19/05

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### Final Solution of the Aquatic Question (<https://groups.io/g/AAT/message/31402>?

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2920,64931688)

M3D: KCM: M3D: Only quadrupeds that walk/bear weight on all four limbs, have rel.equal limbs. Brachiators have longer forelimbs/arms. Obligate bipeds have long legs. (as a consequence, of an aligned p

By m3dodds · #31402 · 8/17/05

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### Final Solution of the Aquatic Question (<https://groups.io/g/AAT/message/31384>?

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2920,64931688)

P. & G. could have had Apith ancestry, whereas H. is unlikely, to have had Apith ancestors. Adapting to a littoral habitat, long enough to develop characteristics, such as subcutaneous fat,would also

By m3dodds · #31384 · 8/16/05

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### Final Solution of the Aquatic Question (<https://groups.io/g/AAT/message/31382>?

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2920,64931688)

Why on earth, would H. have become a k-walker? I agree with Marc: G. & P adopted k-walking post LCA. Algis argument on wading, explains nothing when it comes to k-walking. Rel.long legs could have res

By m3dodds · #31382 · 8/16/05

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### Final Solution of the Aquatic Question (<https://groups.io/g/AAT/message/31343>?

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2920,64931688)

<alas\_my\_loves@y...> wrote: Would say that is one of the differences, between a quadruped an a arboreal quadruped... ---m3d

By m3dodds · #31343 · 8/14/05

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### Final Solution of the Aquatic Question (<https://groups.io/g/AAT/message/31342>?

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2920,64931688)

<alas\_my\_loves@y...> wrote: Know nothing about seals, but some beleive that cetacea like whales and dolphins also have developed a complex means of communication(speech?). ---m3d

By m3dodds · #31342 · 8/14/05

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### Origins of Speech Linked with Bipedality (<https://groups.io/g/AAT/message/31325>?

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2920,64932261)

Newswise Released: Thu 18-Nov-1999, 00:00 ET Origins of Speech Linked with Bipedality Baltimore, MD - Speech is a byproduct of the physiological adjustments that came along with walking upright on two

By m3dodds · #31325 · 8/13/05

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### Final Solution of the Aquatic Question (<https://groups.io/g/AAT/message/31323>?

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2920,64931688)

Are you certain, that it is H. that walks different. G. an P. could have adopted k.walking... post LCA. ---m3d

By m3dodds · #31323 · 8/13/05

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### Final Solution of the Aquatic Question (<https://groups.io/g/AAT/message/31321>?

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2920,64931688)

wrote: There was a paper\* a few years ago (2001?), that claimed/suggested that load bearing precludes speech, in quadrupeds. Based on the premise that true quadrupeds bear most of their weight (60%) o

By m3dodds · #31321 · 8/13/05

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### Final Solution of the Aquatic Question (<https://groups.io/g/AAT/message/31314>?

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2920,64931688)

The main advantage of bipedalism: The ability to speak... Is a k-walker a quadruped? ---m3d

By m3dodds · #31314 · 8/13/05

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### And Now for Something Completely Different - Head Hair (<https://groups.io/g/AAT/message/31269>?

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2920,64932143)

wrote: women's head hairs also generally grow longer & faster than men's, & women have less sebum, which glues the male's hairs together if not regularly washed).Postmenopausal women sometimes get thi

By m3dodds · #31269 · 8/11/05

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Final Solution of the Aquatic Question (<https://groups.io/g/AAT/message/31250?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2920,64931688)

The difference (IMO) is that our ancestors adapted to a littoral habitat. They were still able to climb trees, eat fruit(collect seabirds eggs from cliffs?). They still foraged in coastal wetland fore

By m3dodds · #31250 · 8/11/05

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apes,apiths and ummmm... (<https://groups.io/g/AAT/message/31163?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2920,64931530)

Pauline, Almost missed your post(have had a few glitches moving to a new computer). Did try, what you suggested when I got hold, of the abstract(no response). Thanks ---m3d

By m3dodds · #31163 · 8/08/05

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apes,apiths and ummmm... (<https://groups.io/g/AAT/message/31135?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2920,64931530)

Hello Rob, Yes the English, of the abstract, is almost as dense as the rocks, he studies. You can obtain a copy of the abstract, through this link... <http://gsa.confex.com/gsa/2002AM/finalprogram/inde>

By m3dodds · #31135 · 8/05/05

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apes,apiths and ummmm... (<https://groups.io/g/AAT/message/31098?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2920,64931530)

wrote: Hello Richard, I can only agree that Arabia, not the kingdom, has been very different, at different times in the past.As has its climate, at different times. That aside, think I would rather ex

By m3dodds · #31098 · 8/03/05

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apes,apiths and ummmm... (<https://groups.io/g/AAT/message/31088?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2940,64931530)

Hello Robert, Nice timing, I finally located and downloaded this morning the abstract(see below) for Tim Redfield's paper, from which the 3.2 Ma quote, in Motgomery's book originates. It has, the exci

By m3dodds · #31088 · 8/03/05

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apes,apiths and ummmm... (<https://groups.io/g/AAT/message/31065?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2940,64931530)

wrote: Something like this? ->HP/G-LCA->E.Afr.apiths->(extinct) ->HP/G->H/P-LCA->H Most species do not go extinct overnight, some survive alongside their daughter species/s for some considerable time.

By m3dodds · #31065 · 8/02/05

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Alain Bombard 1924 - 2005 (<https://groups.io/g/AAT/message/31058?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2940,64931786)

Alain Bombard. Acheived fame in the middle of the last century when he proved that humans could survive for weeks at sea, by drinking small amounts of seawater and a juice extracted from the flesh of

By m3dodds · #31058 · 8/02/05

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apes,apiths and ummmm... (<https://groups.io/g/AAT/message/31041?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2940,64931530)

wrote: Apith after the LCA, then chimp? Extinct in the sense, of a parent species? \_\_\_\_\_ Apparently it can if Falk is right, by using the network of counter-current emissary veins. \_\_\_\_\_

By m3dodds · #31041 · 7/31/05

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Speech, voluntary breathing (<https://groups.io/g/AAT/message/31040?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2940,64931728)

Humans and parrots may share sharp tongues 06 September 2004 NewScientist Philip Cohen Parrots may use their tongues to quickly alter aspects of their speech. Until now, only humans had been shown to

By m3dodds · #31040 · 7/31/05

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apes,apiths and ummmm... (<https://groups.io/g/AAT/message/31019?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2940,64931530)

--- In AAT@..., "Rob Dudman" <ansell@a...> wrote: 07:28 30/07/2005 >Hello, m3d... >> In D.Montgomery's recent book(The Aquatic ape...), >> he made reference to a theory, that the southe

By m3dodds · #31019 · 7/30/05

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sweat: apes,apiths and ummmm... (<https://groups.io/g/AAT/message/31011?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2940,64931691)

<alas\_my\_loves@y...> wrote: Would guess at the rate horses sweat, hair is not a problem... Humans 2~3 L/h Horses 10~15 L/h 15 litres, is a lot of sweat!! Why so much? Regards ---m3d  
By m3dodds · #31011 · 7/29/05

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apes,apiths and ummmm... (<https://groups.io/g/AAT/message/31008?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2940,64931530)

--- In AAT@..., "Marc Verhaegen" <marc.verhaegen@v...> wrote: <snip> >> ..... In D.Montgomery's recent book (The Aquatic ape...) >> he made reference to a theory, that the southern end of

By m3dodds · #31008 · 7/28/05

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Red Sea - was : apes,apiths and ummmm... (<https://groups.io/g/AAT/message/31006?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2940,64931631)

wrote: Yes... a considerable effect. Would only add,Richard, what the Red sea area, northeast Africa is like today, does not mean it could have been the same a 100,000 years ago or at any other time i

By m3dodds · #31006 · 7/28/05

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apes,apiths and ummmm... (<https://groups.io/g/AAT/message/30982?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2940,64931530)

--- In AAT@..., "Marc Verhaegen" <marc.verhaegen@v...> wrote: <snip> >> Would agree that 4 Ma would not be a problem... if HP/G >> remains close to H/P. > OK. >> Though the H/P at 4~3 Ma w

By m3dodds · #30982 · 7/27/05

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apes,apiths and ummmm... (<https://groups.io/g/AAT/message/30981?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2940,64931530)

Hello Rob, Thanks, for the link... The reason I find O/M sinus interesting, is that is one aspect of how our bodies adapted to an upright stance. As for example, all the heart of quadruped has to do i

By m3dodds · #30981 · 7/27/05

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apes,apiths and ummmm... (<https://groups.io/g/AAT/message/30971?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2940,64931530)

--- In AAT@..., "Marc Verhaegen" <marc.verhaegen@v...> wrote: <snip> >>> Why not 4 Ma? >> 4 Ma would mean a bigger gap with G (9 Ma) > ?? If H/P ~ 4 Ma, HP/G would be ~5-6 Ma, no? > If hom

By m3dodds · #30971 · 7/26/05

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apes,apiths and ummmm... (<https://groups.io/g/AAT/message/30963?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2940,64931530)

wrote: richardparker01@y...> You could be right Richard, what else is dancing for but to.... Could be that ceremonial stuff like \*rain dancing\*, evolved out of some ancestral mating rut... Emissary fo

By m3dodds · #30963 · 7/25/05

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apes,apiths and ummmm... (<https://groups.io/g/AAT/message/30959?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2940,64931530)

wrote: Not sure lekking behavior,the ritual mating display(male) of some bird species like Grouse and Capercaillie can be compared to dancing. The only real animal comparison of bird lekking behavior,

By m3dodds · #30959 · 7/25/05

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apes,apiths and ummmm... (<https://groups.io/g/AAT/message/30947?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2940,64931530)

wrote: 4 Ma would mean a bigger gap with G(9 Ma) A gracile version, of Orrorin? See, below. Marc Among the books I have been reading this summer, is a revised and updated version of Dean Falk's brilli

By m3dodds · #30947 · 7/24/05

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apes,apiths and ummmm... (<https://groups.io/g/AAT/message/30934?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2940,64931530)

apes,apiths and ummmm... a) If chimps and man last shared a common ancestor some six to seven million years ago. And Homo proper (Hr~He~Hs)only appears on the scene between three and two million years

By m3dodds · #30934 · 7/23/05

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And Something on Hands (<https://groups.io/g/AAT/message/30890?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2940,64931302)

wrote: richardparker01@y...> I would only add, if Luis Dollo was correct in saying an organism is unable to return to a previous stage. That can be interpreted to say: (1) That full adaptation to life

By m3dodds · #30890 · 7/21/05

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And Something on Hands (<https://groups.io/g/AAT/message/30843>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2940,64931302)

wrote: extract: In short, the ancestor of the large monkeys, the Australopithecus and Man was a biped Primate with members from which these three groups diverged. With time, these kind acquired specia

By m3dodds · #30843 · 7/20/05

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What \*is\* the AAH? (<https://groups.io/g/AAT/message/30787>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2940,64931196)

Pan became knuckle-walkers... our ancestors, did not. Regards ---m3d (would say Pan is more a swinger than a climber)

By m3dodds · #30787 · 7/17/05

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What \*is\* the AAH? (<https://groups.io/g/AAT/message/30778>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2940,64931196)

What quadrupedal gait... arboreal? What "mismatch" in hind and forelimbs, isn't the "mismatch" normal for a species whose ancestors were climbers? Regards ---m3d

By m3dodds · #30778 · 7/17/05

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Mr & Mrs Plod - Midfoot flexibility and bipedalism (<https://groups.io/g/AAT/message/30780>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2960,64931129)

wrote: [http://www.scientificexploration.org/jse/articles/pdf/18.1\\_meldrum.pdf](http://www.scientificexploration.org/jse/articles/pdf/18.1_meldrum.pdf) Heat exchanger... rete mirabile. Think penguins use a version to keep their feet warm. Dogs apparently use it to keep a co

By m3dodds · #30780 · 7/17/05

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Munro - Kuliukas discussion on human bipedalism (<https://groups.io/g/AAT/message/30773>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2960,64930608)

--- In AAT@..., "Marc Verhaegen" <marc.verhaegen@v...> wrote: The opposite of valgus, is varus knees... Regards ---m3d

<http://www.pediatric-orthopedics.com> Bowing extract: Normally, an inf

By m3dodds · #30773 · 7/17/05

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Mr & Mrs Plod - Midfoot flexibility and bipedalism (<https://groups.io/g/AAT/message/30736>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2960,64931129)

wrote: When it comes to endurance running, our canine companions have an advantage. The inbuilt "heat exchanger" in their necks can isolate(keep cool) their head/brain when they run. As a result dogs

By m3dodds · #30736 · 7/16/05

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swimming-styles (Re: Re: Munro - Kuliukas discussion on human bipedalism

(<https://groups.io/g/AAT/message/30637?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2960,64930713>)

<alas\_my\_loves@y...> wrote: Would say one other reason why whales and dolphins have small limbs, or none, would be to conserve body heat as they are mammals. (fish are cold blooded) Agree... Where spe

By m3dodds · #30637 · 7/14/05

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swimming-styles (Re: Re: Munro - Kuliukas discussion on human bipedalism

(<https://groups.io/g/AAT/message/30611?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2960,64930713>)

<alas\_my\_loves@y...> wrote: DD I had forgotten about the thermocline. That water in the oceans is in distinct layers. That most of the water(90%?) in the oceans is cold... Guess being cold adapted, Em

By m3dodds · #30611 · 7/13/05

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swimming-styles (Re: Re: Munro - Kuliukas discussion on human bipedalism

(<https://groups.io/g/AAT/message/30610?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2960,64930713>)

<alas\_my\_loves@y...> wrote: DD I would say... 1: 16~10 Mya. Climbers/shallow waders/pt dog-paddlers. Eurasian(northern side of the Tethys), not equatorial . Warm wet climate. As there is no northern i

By m3dodds · #30610 · 7/13/05

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swimming-styles (Re: Re: Munro - Kuliukas discussion on human bipedalism

(<https://groups.io/g/AAT/message/30574?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2960,64930713>)

wrote: Long legs could be a positive advantage... as most if not all Olympic swimming champions, are over six feet(2m)tall... The paper is mostly about learning from other mammals, learning how to div

By m3dodds · #30574 · 7/11/05

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Scavenging Brains and Bones (<https://groups.io/g/AAT/message/30560>)

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2960,64930784)

Richard This site has a lot on brain facts and figures, though it may not be the kind of stuff your looking for...

<http://faculty.washington.edu/chudler/facts.html> Regards ---m3d

By m3dodds · #30560 · 7/10/05

swimming-styles (Re: Re: Munro - Kuliukas discussion on human bipedalism

(<https://groups.io/g/AAT/message/30557?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2960,64930713>)

<alas\_my\_loves@y...> wrote: DD Would say the conclusion is that we are surface swimmers, only submerging, diving briefly to gather food.

Do you think this also applies to mammals in the sea in general

By m3dodds · #30557 · 7/10/05

swimming-styles (Re: Re: Munro - Kuliukas discussion on human bipedalism

(<https://groups.io/g/AAT/message/30556?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2960,64930713>)

Algis... I take the view that shore and sea in equal measure modified the posture of a bipedal ancestor... Regards ---m3d

By m3dodds · #30556 · 7/10/05

swimming-styles (Re: Re: Munro - Kuliukas discussion on human bipedalism

(<https://groups.io/g/AAT/message/30532?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2960,64930713>)

wrote: Any style with underwater recovery can be swum under water. Surface swimming; while the sidestroke is slower than the breaststroke you can swim for longer, cover a greater distance using the si

By m3dodds · #30532 · 7/09/05

Khoisan Click and Dolphin Click (<https://groups.io/g/AAT/message/30499?>

[p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2960,64930701](https://groups.io/g/AAT/message/30499?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2960,64930701))

<alas\_my\_loves@y...> >wrote: Who's to blame, who know's... However, having a younger brother who lives and works in central London, yesterday was a very difficult day for a few hours. Fortunately it w

By m3dodds · #30499 · 7/08/05

swimming-styles (Re: Re: Munro - Kuliukas discussion on human bipedalism

(<https://groups.io/g/AAT/message/30498?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2960,64930713>)

Frog kick: A swimming kick used in the breaststroke in which the knees are drawn up close to the hips and the feet are thrust outward and backward so that the legs come together when fully extended. F

By m3dodds · #30498 · 7/08/05

Streamlined (<https://groups.io/g/AAT/message/30440?>

[p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2960,64930577](https://groups.io/g/AAT/message/30440?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2960,64930577))

wrote: Would say as the Tethys closed, that the warm wetter (flooded?) northern Tethys shore, was simply favoured more than its southern counterpart. In that case the cercopithecines, being opportunist

By m3dodds · #30440 · 7/05/05

Streamlined (<https://groups.io/g/AAT/message/30423?>

[p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2960,64930577](https://groups.io/g/AAT/message/30423?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2960,64930577))

wrote: surface-swimmers? I guess not: the food was at the bottom. Yes, but Mio-Pliocene apes had probably been aquariboreal for millions of years. streamlined, see above. Yes. I don't see your problem.

By m3dodds · #30423 · 7/04/05

Streamlined (Cave of the Swimmers) (<https://groups.io/g/AAT/message/30407?>

[p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2960,64930634](https://groups.io/g/AAT/message/30407?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2960,64930634))

Cave of the Swimmers "Is it just fiction or a real cave? The Cave of Swimmers is a central place in the movie The English Patient. A cave where prehistoric paintings show swimming people in the middle

By m3dodds · #30407 · 7/03/05

Streamlined (<https://groups.io/g/AAT/message/30406?>

[p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2960,64930577](https://groups.io/g/AAT/message/30406?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2960,64930577))

wrote: Wouldn't they have needed to swim and adapt for a number of generations before diving for food? Wouldn't they have needed to adapt first, irrespective of whether they eventually became "streaml

By m3dodds · #30406 · 7/03/05

Streamlined (<https://groups.io/g/AAT/message/30390?>

[p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2960,64930577](https://groups.io/g/AAT/message/30390?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2960,64930577))

wrote: I am not so certain... Humans are basically, slow surface swimmers. (Front crawl 2 m/per second, at best?) Moreover, all kinds of ungainly land animals can dog paddle from a. to b. in water, when

By m3dodds · #30390 · 7/02/05

Streamlined (<https://groups.io/g/AAT/message/30378?>

[p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2960,64930577](https://groups.io/g/AAT/message/30378?p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2960,64930577))

wrote: Depends on what you mean, by streamlined... Streamlined for speed in water? Not an essential, in our case: picking up shellfish, collecting marine bird eggs. Spearfishing in pools and diving t  
By m3dodds · #30378 · 7/01/05

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Tool use before 2.5 mya (<https://groups.io/g/AAT/message/30345?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2960,64930528)

Quote: Tool use was possible by at least 3.2 mya. The combination of primatological, phylogenetic and fossil evidence suggests that hominins living as early as 8 to 5 mya, and almost certainly by 3.2

By m3dodds · #30345 · 6/24/05

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Tchadensis [Aquatic Man and African Eve] (<https://groups.io/g/AAT/message/30307?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2980,64930461)

Hello Marc You wrote... I agree... And I would add, that not only can fossils be examples of parallel evolution, they are also examples of early hominids that failed to adapt as forest cover waxed and

By m3dodds · #30307 · 6/22/05

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AQUATIC MAN AND AFRICAN EVE (<https://groups.io/g/AAT/message/30276?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2980,64930401)

A no-nonsense book, explaining human evolution from an aquatic viewpoint, by someone who knows, loves Africa and its peoples ---m3d AQUATIC MAN AND AFRICAN EVE By Denis Montgomery Aquatic Man and Afri

By m3dodds · #30276 · 6/19/05

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Tchadensis (<https://groups.io/g/AAT/message/30240?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2980,64930227)

wrote: Hello Marc... As Toumai falls between the LCA we shared with G (9 mya?), and the post-LCA(Orrorin 6.mya?). Would not its skull have a mixture of G an H/P characteristics, of which those of G wo

By m3dodds · #30240 · 6/17/05

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G-spot & baculum? (Re: Re: Genes blamed for fickle female orgasm

(<https://groups.io/g/AAT/message/30212?p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2980,64930252>)

There is another explanation. The baculum bone aids in copulation where mating is a brief encounter, and there is a need to PERFORM quickly. ---m3d <alas\_my\_loves@y...> wrote: wrote: not we) of you'll

By m3dodds · #30212 · 6/14/05

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Tchadensis (<https://groups.io/g/AAT/message/30167?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2980,64930227)

Hello Rob, Thanks for the Tchadensis skull, link. ---m3d

By m3dodds · #30167 · 6/11/05

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Handedness/Leggedness (<https://groups.io/g/AAT/message/30079?>

p=,,,20,0,0,0::Created,,posterid%3A3799503,20,2,2980,64930092)

Seems the only link with AAT, is that limbs originated among lifeforms, that were bottom-crawlers in the oceans... ---m3d This article from Monitor , seems to offer one explanation, for handedness: Mon

By m3dodds · #30079 · 6/06/05

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For.M.: Ardipith more Hs-like ? Sahelanthr more Pt-like ? (<https://groups.io/g/AAT/message/30054?>

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Hello Rob, I would not be so quick to bury your idea. The fact that the HP/LCA split possibly happened at 7 mya, should change nothing. After all the MSC could easily have been preceded by an earlier

By m3dodds · #30054 · 6/05/05

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For.M.: Ardipith more Hs-like ? Sahelanthr more Pt-like ? (<https://groups.io/g/AAT/message/30031?>

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Hello Rob, I agree, as possible ancestors go Toumai(Sahelanthropus tchadensis)is intriguing. (Orrorin at 6 My could be another post-LCA ancestor...) Why do you think 7+ Mya is to early for the HP/LCA

By m3dodds · #30031 · 6/04/05

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For.M.: Ardipith more Hs-like ? Sahelanthr more Pt-like ? (<https://groups.io/g/AAT/message/30026?>

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A curious comparison , since they are not exactly contemporaries. Sahelanthropus tchadensis being close to 7 million years old, and Ardipithecus ( Australopithecus?) a mere 4 million... Reading up on

By m3dodds · #30026 · 6/04/05

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## Orrorin 6 Ma in wet lowland forest? (<https://groups.io/g/AAT/message/29995>)

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A mixture of lakes, wet woodlands, and open forest in this part of north-east Africa 6.3 mya. Though Orrorin only gets a brief mention in this paper, it is a reasonable assumption that our possible po

By m3dodds · #29995 · 6/02/05

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## Out of Asia... (<https://groups.io/g/AAT/message/29977>)

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2980,64929943)

Human Ancestors Originated in Asia By Jennifer Viegas, Discovery News May 31, 2005 Three newly discovered primate species that lived 30 million years ago suggest that our first ancestors originated in

By m3dodds · #29977 · 6/01/05

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## skin colour and coastal living (<https://groups.io/g/AAT/message/29961>)

p=,,20,0,0,0::Created,,posterid%3A3799503,20,2,2980,64929857)

Jablonski's work is about the acquisition and protection of vitamins, primarily about photo- protection; protecting the B-group, namely folate. Guess 'conflict' arises between reducing melanin in the

By m3dodds · #29961 · 5/30/05

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