

Re: diving hominids?

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- *From:* "Rick Wagler" <taxidea3@xxxxxxx>
 - *Date:* Mon, 17 Sep 2007 04:36:28 GMT
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"Lee Olsen" <paleocity@xxxxxxxxxxxx> wrote in message
<news:1189997850.352100.39880@xx>

Marc Verhaegen wrote:

Op 17-09-2007 02:59, in artikel
1189990790.034328.59290@xx, nickname
<alas_my_loves@xxxxxxx> schreef:

On Sep 16, 4:50 pm, Marc Verhaegen
<m_verhae...@xxxxxxx> wrote:

Some savanna idiot wrote:

myoglobin molecules. This
substance is unknown in
humans.

:--DDDDDDDDDDDD

Neuroglobin, cytoglobin, hemoglobin, myoglobin all known
present in
humans, all store/exchange oxygen, all vital.

But at least he tried!

Incredible, isn't it?
These people simply don't know what they're talking about.

Says the amateur who doesn't know the difference between a mountain
beaver and a capybara.

Re: diving hominids?

PS, what is "whaqt"???

However on this point my faulty memory betrayed me. Score one for the bad guys. But relative to the original claim for convergence of human dive reflex to a condition seen in seals a little webbing around on pubmed produced research articles that indicated amongst other interesting little tidbits

Weddell seals have 14X the myoglobin that an elite athlete does.

The blood of Elephant seals carry 5X the oxygen relative to humans.

The total blood volume per 100 kg body weight in a harbour seal is 1.5X that of humans.

Hawaiian monk seals reduce their heart rate to 4–15 beats per minute vs 55–120 beats at the surface.

So greatly increased levels of myoglobin, higher blood volume carrying greater amounts of O₂, and extreme bradycardia represents a suite of adaptations no human can come within a country mile of matching.

On another matter entirely zebras sweat...a lot

Rick Wagler

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