

Re: Bone density in mustelids

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 - *Date:* Thu, 06 Dec 2007 21:07:40 +0100
-

Op 06-12-2007 18:27, in artikel Xns99FE7376FFFB1mujinomega@xxxxxxxxxxxxxxxxx, Mujin <umwinkl0@xxxxxxxxxxxxxxxxxxxxxxxxx> schreef:

....

FE
Fish
&
BR
Stein
1991
Zoomorphol.110:339-345
Functional
correlates
of
differences
in
bone
density
among
terrestrial
and
aquatic
genera
in
the
family
Mustelidae
(Mammalia)
"the
costs
of
maintaining
an
increased

Re: Bone density in mustelids

skeletal
mass
increases
according
to
locomotor
function
as
follows
:
swimmers,
sedentary
forms,
slow
runners,
fast
runners,
and
flyers"
No
reason
why
erectus
must
be
an
exception,
IOW,
the
H.erectus
endurance
running
hypothesis
is
pure
nonsense.

....

You are missing the point, which is of course that pachyostosis is not restricted to buoyancy adaptations, but occurs for other reasons (such as stress) as well.

Don't be ridiculous: every biologist knows that a dense & thick skeleton = slow-diving (just see the abstracts papers of Fis