

Re: Hominid Fossils and Eustasy

Source: <http://sci.tech--archive.net/Archive/sci.anthropology.paleo/2005-10/msg00174.html>

- *From:* "Paul Crowley" <slkwuoiutiuytciuyik@xxxxxxxxxxxxxxxxxxxx>
 - *Date:* Fri, 7 Oct 2005 10:07:02 +0100
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"Mario Petrinovich" <mario.petrinovic1@xxxxxxxxxxxx> wrote in message [news:di1kdo\\$4e\\$1@xxxxxxxxxxxxxxxxxxxx](mailto:news:di1kdo$4e$1@xxxxxxxxxxxxxxxxxxxx)

>> The currents that flow down the West coast
>> of North America come from the arctic and are
>> cold. Those that flow down the East coast of
>> Africa come from the tropics and are warm.
>> A species that evolved at low altitudes, not
>> far from the East African coast, would not
>> need fur to keep warm at night. Fur is, of
>> course, a major handicap when sleeping on
>> ground made wet by rain or condensation.
>> The prevailing winds in much of the area
>> are easterly, blowing in warm damp air from
>> the ocean, that cools to rain and
>> condensation. Paul.
>
> Hm. Well, not quite. You must learn about subtropical high and
> subtropical low. Subtropical high is somewhere around 30deg. It clears sky.
> This is why we have Mediterranean climate at those latitudes. Dry summer on
> West side of continents. During winter this subtropical high moves to lower
> latitudes.

> www.physicalgeography.net/fundamentals/7v.html

Surely the ancestral climate was primarily tropical? Africa runs roughly from 30 degrees North to 30 South. IMHO the most likely locations are within about 15 degrees of the Equator.

In any case, I'm looking at a fairly narrow coastal strip, where much of the weather would come from fairly local interaction with the ocean. I'm not sure whether a warm ocean would produce more local rain and condensation than a cold one, but in any case, it would produce some.

Paul.

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 - ◇ *From:* Mario Petrinovich

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