

The big O

The Urth list — 2 messages, 1 voices, 29 Dec 2002

<https://urth.darkrealm.vip/thread/urth/3725>

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Malcolm McGugan — 29 Dec 2002, 21:01

Everything is big on Green. Low gravity? Maybe so. However there is another aspect that I don't believe has been raised here. Oxygen. I was reading New Scientist Dec 14 2002.

"You are standing in a primeval forest during the Carboniferous period, 300 million years ago. Dragonflies with wings almost a metre across weave in and out of trees that tower 50 metres above you. On

During this period oxygen levels were about 35% (21% today). The rest of the article is the usual academic squabbling, but the link between Oh-two levels and gigantism (and flight) seems quite possible

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Malco — 29 Dec 2002, 21:49 · follows Malcolm McGugan

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"You are standing in a primeval forest during the Carboniferous period, 300 million years ago. Dragonflies with wings almost a metre across weave in and out of trees that tower 50 metres above you. On the ground, huge amphibians 5 metres long amble past – but watch your step, there are also metre-long millipedes and scorpions to avoid."

During this period oxygen levels were about 35% (21% today). The rest of the article is the usual academic squabbling, but the link between Oh-two levels and gigantism (and flight) seems quite possible. So, is there any textual evidence that there is also a higher than "normal" oxygen content in the Greenian atmosphere? Light headed visitors? Improved combustibility? Lots of raging fires? Possible adaptations to fire in plant life. Accelerated aging in animal life? Or is this suggestion just so much empty air?

nastler

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