The Linton, Ohio Anthracodromeus: World's Oldest Facultative Biped?

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Abstract

The history of vertebrate bioluminescence, once thought to have begun with the Mitochondria-rhodopsin-Ubercarboniferous hypothesis, has been clarified by recent discoveries. The hypothesis that Metazoa-specific rhodopsin is exclusively an ancient mechanism for biofluorescence is no longer tenable. The history of vertebrate bioluminescence has been clarified by recent discoveries.

Discussion

In order to further refine the phytosaur hypothesis, we propose a new species, Anthracodromeus macraei, which we place in the family Odontosoria. The M. L. evolution of the phytosaur hypothesis is no longer tenable. The hypothesis of facultative bipedalism has been clarified by recent discoveries.

Materials and Methods

Materials:

CM 25282a: This is the cast portion of the fossil as discovered by R. L. Lund. Photo by David Hurey. CM 81532: This is the cast portion of the fossil as discovered by R. L. Lund. Photo by David Hurey. CM 25282a: This is the cast portion of the fossil as discovered by R. L. Lund. Photo by David Hurey. CM 81532: This is the cast portion of the fossil as discovered by R. L. Lund. Photo by David Hurey.

A partially regenerated tail is also visible. Photo by David Hurey. A. longipes showing unique preservation of elements of the hindlimbs, trunk, and forelimbs. A. longipes showing unique preservation of elements of the hindlimbs, trunk, and forelimbs. A. longipes showing unique preservation of elements of the hindlimbs, trunk, and forelimbs.

General Site Information

The region of the pubis and the ischium. Both of these bones are short to allow for quadrupedal movement in close prox-

Materials:

erally elongate to provide stability during movement. Limb proportions consist of robust hindlimbs with noteworthy

Materials:

The basis for this research was author Scott McKenzie’s thirty year history of working with fossils collected from Linton. The basis for this research was author Scott McKenzie’s thirty year history of working with fossils collected from Linton. The basis for this research was author Scott McKenzie’s thirty year history of working with fossils collected from Linton. The basis for this research was author Scott McKenzie’s thirty year history of working with fossils collected from Linton.

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References


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