

Accepted Manuscript

†*Praphennium* gen. nov.: Extant mite killers meet their Cenomanian relatives
(Coleoptera: Staphylinidae: Scydmaeninae: Cephenniini)

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PII: S0195-6671(18)30048-X

DOI: [10.1016/j.cretres.2018.04.011](https://doi.org/10.1016/j.cretres.2018.04.011)

Reference: YCRES 3860

To appear in: *Cretaceous Research*

Received Date: 2 February 2018

Revised Date: 28 March 2018

Accepted Date: 16 April 2018

Please cite this article as: Jałoszyński, Paweł., †*Praphennium* gen. nov.: Extant mite killers meet their Cenomanian relatives (Coleoptera: Staphylinidae: Scydmaeninae: Cephenniini), *Cretaceous Research* (2018), doi: 10.1016/j.cretres.2018.04.011.

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3 Cephenniini)

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13 *Abbreviations.* CNC, Canadian National Collection of Insects, Arachnids and Nematodes,
14 Ottawa, Canada.

15
16 ABSTRACT

17 †*Praphennium* gen. nov. is described to include †*Praphennium carinatum* sp. nov.
18 from the Cenomanian Myanmar amber. Two other species are placed in the same genus, but
19 they remain unnamed. This is the first known extinct genus of the large tribe Cephenniini that
20 includes cosmopolitan extant ant-like stone beetles with uniquely modified mouthparts
21 adapted to feed on armored mites. †*Praphennium* shares most exoskeletal characters with its
22 extant relatives, and the structure and position of its hypognathous head suggest that the adults
23 were also specialized predators that fed on heavily sclerotized oribatid or uropodine mites.
24 One of the studied specimens seems to be teratological, with a reduced number of

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