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Reevaluation of the subfamily Cretanallachiinae Makarkin, 2017 (Insecta: Neuroptera) from Upper Cretaceous Myanmar amber

Yu Chang, Hui Fang, Chungkun Shih, Dong Ren, Yongjie Wang

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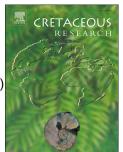
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#### ACCEPTED MANUSCRIPT

- 1 Reevaluation of the subfamily Cretanallachiinae Makarkin, 2017
- 2 (Insecta: Neuroptera) from Upper Cretaceous Myanmar amber
- 3 Yu Chang<sup>1</sup>, Hui Fang<sup>2</sup> Chungkun Shih<sup>1,2</sup>, Dong Ren<sup>1</sup>, Yongjie Wang<sup>1</sup>
- <sup>4</sup> College of Life Sciences, Capital Normal University, 105 Xisanhuanbeilu, Haidian
- 5 Distinct, Beijing 100048, China
- 6 <sup>2</sup>Department of Paleobiology, National Museum of Natural History, Smithsonian
- 7 Institution, Washington, DC, 20013 USA

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### 9 **Abstract**

- 10 A new genus with a new species, Oligopsychopsis penniformis gen. et sp. nov., is
- described from the Upper Cretaceous Myanmar (Burmese) amber, which is assigned
- to the subfamily Cretanallachiinae Makarkin, 2017 for sharing the siphonate
- mouthparts, bipectinate antenna and an unpaired ectoproct. Revealed by the new
- species, some controversial key morphological characters of Cretanallachiinae are
- clarified, i.e. the detailed structure of mouthparts and male terminalia, which allow us
- to reevaluate the systematic position of Cretanallachiinae. We concluded that the
- 17 Cretanallachiinae have more similarities with the psychopsoid-like insects, and are
- 18 reattributed to Psychopsoidea.

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- 20 **Keywords:** Cretaceous, fossil, new genus, new species, Psychopsoidea, bipectinate
- 21 antenna

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