

# Accepted Manuscript

A remarkable diversity of parasitoid beetles (Ripiphoridae) in Cretaceous amber, with a summary of the Mesozoic record of Tenebrionoidea

Jan Batelka, Michael S. Engel, Jakub Prokop



PII: S0195-6671(17)30512-8

DOI: [10.1016/j.cretres.2018.04.019](https://doi.org/10.1016/j.cretres.2018.04.019)

Reference: YCRES 3868

To appear in: *Cretaceous Research*

Received Date: 20 November 2017

Revised Date: 16 February 2018

Accepted Date: 24 April 2018

Please cite this article as: Batelka, J., Engel, M.S., Prokop, J., A remarkable diversity of parasitoid beetles (Ripiphoridae) in Cretaceous amber, with a summary of the Mesozoic record of Tenebrionoidea, *Cretaceous Research* (2018), doi: 10.1016/j.cretres.2018.04.019.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

1 Cretaceous Research

2

3 A remarkable diversity of parasitoid beetles (Ripiphoridae) in Cretaceous amber, with a  
4 summary of the Mesozoic record of Tenebrionoidea

5

6 Jan Batelka <sup>a\*</sup>, Michael S. Engel <sup>b,c</sup>, Jakub Prokop <sup>a</sup>

7

8 <sup>a</sup> *Department of Zoology, Faculty of Science, Charles University, Viničná 7, 128 43 Praha 2,*  
9 *Czech Republic*

10 <sup>b</sup> *Division of Entomology, Natural History Museum, and Department of Ecology &*  
11 *Evolutionary Biology, 1501 Crestline Drive – Suite 140, University of Kansas, Lawrence,*  
12 *Kansas 66045-4415, USA*

13 <sup>c</sup> *Division of Invertebrate Zoology, American Museum of Natural History, Central Park West*  
14 *at 79<sup>th</sup> Street, New York, New York 10024-5192, USA*

15

16 \* Corresponding author: E-mail: janbat@centrum.cz

17

18 *Keywords:*

19 Cenomanian; paleodiversity; paleoethology; Coleoptera; Pelecotominae; Ripidiinae

20

21 **Abstract**

22 A diversity of new wedge-shaped beetles (Coleoptera: Ripiphoridae) are described and  
23 figured from Burmese amber, representing three new genera and five new species in two  
24 subfamilies – Ripidiinae and Pelecotominae. *Amberocula* gen. nov., is the third genus of  
25 Ripidiini documented from the Upper Cretaceous (lowermost Cenomanian) amber of northern

Download English Version:

<https://daneshyari.com/en/article/8916202>

Download Persian Version:

<https://daneshyari.com/article/8916202>

[Daneshyari.com](https://daneshyari.com)