



A synopsis of the Endomychidae (Coleoptera: Cucujoidea) of México

EMMANUEL ARRIAGA-VARELA¹, K. WIOLETTA TOMASZEWSKA² &
JOSÉ LUIS NAVARRETE-HEREDIA¹

¹Centro de Estudios en Zoología, CUCBA, Universidad de Guadalajara, Apdo. Postal 234, 45100 Zapopan, Jalisco, México.
E-mail: biorbit@hotmail.com, snavarre@cucba.udg.mx

²Museum and Institute of Zoology, Polish Academy of Sciences, Wilcza 64, 00-679 Warszawa, Poland. E-mail: wiolkat@miiz.waw.pl

Table of contents

Abstract	1
Introduction	2
Material and methods	3
Results	4
Checklist of Mexican Endomychidae Leach, 1815.....	5
Subfamily Anamorphinae Strohecker, 1953: 15 (=Mychotheninae)	5
Subfamily Merophysiinae Seidlitz, 1872: 39. (=Holoparamecinae).....	10
Subfamily Lycoperdininae Redtenbacher, 1844. (=Eumorphinae).	12
Subfamily Stenotarsinae Chapuis, 1876: 125.	13
Subfamily Epipocinae Gorham, 1873: 20.	17
Subfamily Eupsilobiinae Casey, 1895: 454 (=Eidoreinae; incl. Cerasommatidiidae)	24
Subfamily Pleganophorinae Jacqueline du Val, 1858: 186 (= Trochoideinae).....	25
Discussion	29
Acknowledgements	30
References	30
Appendix 1. Studied material.	33

Abstract

The state of knowledge of Mexican Endomychidae is summarized. A checklist for all described species recorded from México is presented, including comments on taxonomy, biology and distribution. 56 species are recorded (including two subspecies); *Stenotarsus marginalis* Arrow is recorded for the first time from México. These species belong to 18 genera; *Lycoperdinella* Champion is recorded based on an undescribed species. 7 subfamilies are present in the Mexican fauna: Anamorphinae, Merophysiinae, Lycoperdininae, Stenotarsinae, Epipocinae, Eupsilobiinae and Pleganophorinae. *Epipocus* is the most diverse genus with 20 species, followed by *Stenotarsus* with 13. The highest diversity is known from Veracruz, where 30 (32?) species are known, followed by Chiapas with 12 (13?) species.

Key words: Coleoptera, Endomychidae, checklist, México