



New species of *Laparocerus* Schönherr, 1834 (Coleoptera, Curculionidae) from the island of Tenerife (Canary Islands)

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Abstract

The weevil genus *Laparocerus* Schönherr (1834) is distributed and very diverse in the Macaronesian region. In advance of a larger monographic study of the genus, five new species endemic to the island of Tenerife (Canary Islands) are described in this first contribution: *L. tinguaro* n.sp., *L. boticarius* n.sp., *L. chasnensis* n.sp., *L. aguiari* n.sp., and *L. subparallelus* n.sp. Detailed descriptions (including photographs of holotypes and drawings of aedeagus, spermatheca, and sternite VIII) are supplemented with diagnostic remarks referring to similar or related taxa. Data on the distribution within the island, phenology, and the host-plants are also provided. A total of 697 specimens have been studied.

Key words: Curculionidae, Entiminae, *Laparocerus*, Canary Islands, new species

Introduction

Laparocerus is a genus described by Schönherr (1834), belonging to the subfamily Entiminae, tribe Laparocerini (f. Alonso-Zarazaga & Lyall, 1999), and is distributed in the Macaronesia (archipelagos of the Azores, Madeira, Selvagens, and Canaries), with a single species on the mainland (West Morocco). Up to the present time, 106 valid taxa have been assigned to the genus (Machado, 2006)

The author is engaged in a monographic study of the genus, which includes a thorough field survey, the systematic revision, and phylogeny based on molecular data. The present contribution is an advance of the results consisting of the description of five new species discovered on the island of Tenerife.

Materials and methods

This study is based upon examination of 697 specimens collected by the author (v. Machado, 2003) or borrowed from the several institutions and colleagues. The acronyms used are the following:

AAC	Agustín Aguiar Clavijo, private collection. La Laguna, Spain.
AMC	Antonio Machado Carrillo, private collection. La Laguna, Spain.
CG	Christoph German, private collection. Hinterkapellen, Switzerland.
LM	Luigi Magnano, private collection. Poggibonsi, Italy.
MM	Michael Morris, private collection. Dorchester, United Kingdom.
MNCN	Museo Nacional de Ciencias Naturales. Madrid, Spain.
MNHN	Muséum National d'Histoire Naturelle. Paris, France.
MZUR	Museo di Zoologia dell' Università di Roma "La Sapienza", Italy.
NHM	The Natural History Museum. London, United Kingdom.
RB	Roman Borovec, private collection. Nechanice, Czech Republic.