

A cladistic analysis of the genera of the tribe Entimini (Coleoptera, Curculionidae), with description of a new genus and species from the Amazonian Region

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Abstract

A new genus and species of the weevil tribe Entimini, *Nasocomptus obyberaba* **gen. nov.** and **sp. nov.**, are described from the southwestern Amazonian Region (type locality: Brazil, Rondonia, Ouro Preto do Oeste). A cladistic analysis was carried out among representative species of most of the Neotropical genera, including *Nasocomptus* **gen. nov.**, to provide a phylogenetic hypothesis for the tribe. A single most parsimonious cladogram was obtained: (*Entimus* (*Nasocomptus* ((*Polyteles*, *Phaedropus*) (*Rhigus*, *Cydianerus*))))). An identification key for the genera of Neotropical Entimini (except *Trachyus*) is furnished. The new genus is easily distinguished by two outstanding autapomorphies: anterior angle of rostrum prominent and spiked in males, and styli of female coxites ventral and pre-apical. Color photographs of the habitus of the new species and outline illustrations of structures used in the cladistic analysis are presented.

Key words: Cladogram; Entimini; *Nasocomptus* **gen. nov.**; *N. obyberaba* **sp. nov.**; weevils

Introduction

During the development of the second author's Master's dissertation (Gaiger, 2001) two specimens of an unusual species of Entimini were found in the Museu Nacional, Universidade Federal do Rio de Janeiro (MNRJ). A brief examination showed it to be a new genus of the tribe Entimini. Later, during a visit to the Muséum National d'Histoire Naturelle (MNHN) another specimen was located. Because a preliminary cladistic analysis of the genera of Entimini was performed, as part of the dissertation, we thought it would be worthwhile to complete it along with the description of the new genus and species.