

Taxonomic and nomenclatorial revision within the Neotropical genera of a subtribe *Odontochilina* W. Horn in a new sense – 4.**A new species and a new synonymy within the genus *Odontocheila* (Coleoptera: Cicindelidae)**

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MORAVEC J. 2013: Taxonomic and nomenclatorial revision within the Neotropical genera of a subtribe *Odontochilina* W. Horn in a new sense – 4. A new species and a new synonymy within the genus *Odontocheila* (Coleoptera: Cicindelidae). *Acta Musei Moraviae, Scientiae biologicae* (Brno) 98(1): 53–73. – Three species of *Odontocheila* Laporte de Castelnau, 1834 are presented. *Odontocheila howdeni* Nidek, 1980 syn.nov. is here synonymized with *O. hamulipenis* W. Horn, 1933, and an externally similar *O. davidbrzoskai* sp.nov. is described as a new species for science. While *O. hamulipenis* is known only from Colombia, the new species, distinguished particularly by the different shape of its aedeagus, is described from two rather distant localities in Panama. Detailed redescriptions of *O. hamulipenis* according to the male holotype (by monotypy) and other specimens, as well as of another barely known species *O. angulipenis* W. Horn, 1932, are presented, and a lectotype of the latter here designated. Illustrations of diagnostic characters of the type and other specimens of all these taxa are presented in colour photographs. In addition, *O. iodopleuroides* Mandl, 1972 (originally lacking a locality label), is here excluded from the genus *Odontocheila*, because examination of the holotype (by monotypy) has revealed that it is East Asian species *Prothyma heteromala* MacLaey, 1825.

Keywords. Coleoptera, Cicindelidae, *Odontocheila*, taxonomy, new synonymy, new species, excluded species

Introduction

The present paper follows the previously published papers (MORAVEC 2012a,b,c; DURAN & MORAVEC 2013) submitted in order to publish important taxonomic and nomenclatorial results to be available before the completion of a final comprehensive publication which will provide a thorough revision of the Neotropical genera of the subtribe *Odontochilina* W. Horn, 1899 in a new sense. The subtribe is here defined exclusively for the Neotropical genera, thus tentatively separated from the subtribe *Prothymina* W. Horn, 1910 sensu RIVALIER (1969, 1971). The reason for such a classification, as discussed in MORAVEC (2012a), is that in contrast to the characters given by RIVALIER (1969, 1971) for his wide concept of the subtribe *Prothymina*, many species of the Neotropical *Odontochilina* placed within *Prothymina* by Rivalier, possess a setal vestiture developed to various degrees. Alternatively, the wider concept of the subtribe *Prothymina* may be maintained, but newly defined regarding the chaetotaxy, and thus extended to include also genera with developed setal vestiture.

In this paper, three species of *Odontocheila* Laporte de Castelnau, 1834 are presented. Two of them are externally similar: *O. hamulipenis* W. Horn, 1933 occurring in Colombia, and *Odontocheila davidbrzoskai* sp.nov. from Panama, described here as a new species for science, distinguished particularly by the shape of its aedeagus.