

NOMENCLATRURAL CHANGES IN CHRYSOMELIDAE (COLEOPTERA)

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ABSTRACT: A replacement name, *Sezerus* nom. nov. is proposed for the preoccupied subgenus name *Cryptodontus* Burlini, 1969 in the leaf beetles family Chrysomelidae (Coleoptera). Also, a clarification on the validity of the generic name *Dentisterna* Medvedev, 1993 is presented.

KEY WORDS: *Sezerus*, *Cryptodontus*, *Cryptocephalus*, *Horaia*, *Dentisterna*, homonymy, replacement name, Coleoptera, Chrysomelidae.

***Sezerus* nom. nov., substitute name**

Cryptodontus Burlini, 1969. Memorie Soc.ent.ital. 48: 536. (Coleoptera: Chrysomeloidea: Chrysomelidae: Cryptocephalinae). Preoccupied by *Cryptodontus* Mulsant & Rey, 1865. Hist. nat. Punaises Fr., Scutell, 36; 1866, Ann. Soc. linn. Lyon, 12 (1865), 320. (Heteroptera: Pentatomomorpha: Pentatomoidea: Scutelleridae).

Burlini (1969) proposed, as a subgeneric name, *Cryptodontus* of the genus *Cryptocephalus* Geoffroy, 1762 from South Europe in the leaf beetles family Chrysomelidae. Unfortunately, the generic name was already preoccupied by Mulsant & Rey (1865), who had described as a subgenus *Cryptodontus* of the genus *Psacasta* Germar, 1839 in the bug family Scutelleridae. Thus, the generic name *Cryptodontus* Burlini, 1969 is a junior homonym of the generic name *Cryptodontus* Mulsant & Rey, 1865. According to Article 60 of the International Code of Zoological Nomenclature, I propose a new replacement name ***Sezerus* nom. nov.** for *Cryptodontus* Burlini, 1969. The name is given in honour to my colleague Sezer Özavcı. The name is masculine in gender.

A clarification on the validity of the generic name *Dentisterna* Medvedev, 1993

Horaia Chûjô, 1937. Trans. nat. Hist. Soc. Formosa 27: 55-56. (Coleoptera: Chrysomeloidea: Chrysomelidae: Alticinae). Preoccupied by *Horaia* Tonnoir, 1930. Rec. Ind. Mus., 32, 193. (Diptera: Nematocera: Blephariceromorpha: Blephariceridae).

The genus *Horaia* was erected by Tonnoir (1930) with the type species *Horaia montana* Tonnoir, 1930 in Diptera (Nematocera: Blephariceromorpha: Blephariceridae). It is still used as a valid generic name in Diptera (Zwicki & McLellan 1999). Later, the genus *Horaia* was described by Chûjô (1937) with the type species *Horaia nigra* Chûjô, 1937 by original designation in Coleoptera (Chrysomeloidea:

Chrysomelidae: Alticinae). It is still a valid generic name in Chrysomelidae. For the present, *Dentisterna* Medvedev, 1993: 53 is a junior subjective synonym of *Horaia* Chûjô, 1937 (Konstantinov & Vandenberg 1996). However, the name *Horaia* Chûjô, 1935 is invalid under the law of homonymy, being a junior homonym of *Horaia* Tonnoir, 1930 (Diptera). In accordance with article 60 of the International Code of Zoological Nomenclature, fourth edition (1999), I propose to replace the invalid name *Horaia* Chûjô, 1937 by its junior synonym *Dentisterna* Medvedev, 1993.

LITERATURE CITED

Burlini, M. 1969. *Cryptocephalus* subgen. *Cryptodontus* n., *Cryptoc.* subgen. *Cerodens* n. nov. e tabella dei sottogeneri di *Cryptocephalus*. Mem. Soc. Ent. Ital. 48: 535-540 [536].

Chûjô, M. 1935. Studies on the Chrysomelidae in the Japanese Empire (VIII) subfamily Halticinae (1). Transactions of Natural History Society Formosa 25, 145: 354-369.

Chûjô, M. 1937. Studies on the Chrysomelidae in the Japanese Empire (VIII) subfamily Halticinae (8). Transaction of Natural History Society Formosa 27, 162: 52-58. [55, 56]

International comission of zoological nomenclature. 1999. International Code of Zoological Nomenclature. Fourth Edition. The International Trust for Zoological Nomenclature, London. 306 pp.

Konstantinov, A. S. & Vandenberg, N. J. 1996. Handbook of Palaerctic Flea Beetles (Coleoptera: Chrysomelidae: Alticinae). Contributions on Entomology, International 1: 1-438 [320].

Medvedev, L. N. 1993. Alticinae of the Philippine Islands (Coleoptera, Chrysomelidae), part 1. Russian Entomological Journal 2 (3-4): 41-58. [53]

Mulsant, E. & Rey, C. 1865. Histoire Naturelle des Punaises de France. Vol. I. Scutellérides. F. Savy & Deyrolle, Paris. 112 pp. [reprinted 1866 in Ann. Soc. Linn. Lyon (Paris) 12 (2): 285-412].

Tonnoir, A. L. 1930. Notes on Indian Blepharocerid larvae and pupae with remarks on the morphology of Blepharocerid larvae and pupae in general. Records of the Indian Museum 32: 161-214.

Zwick, P. & McLellan, I. D. 1999. The First Instar Larva of *Nothohoraia* (Diptera: Blephariceridae). Aquatic Insects 21: 317-320.

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