

Case 2893***Temnorhynchus* Hope, 1837 (Insecta, Coleoptera): proposed conservation**

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Abstract. The purpose of this application is to conserve the name *Temnorhynchus* Hope, 1837, a genus of lamellicorn beetles, which is threatened by the unused senior objective synonym *Coptorhinus* Dejean, 1833. Until recently it was believed that *Coptorhinus* Dejean was preoccupied by *Coptorhinus* Guérin Méneville, [1838] but a clarification of the publication dates has shown that Dejean's name is the older.

1. Dejean (1833, p. 152) made the genus-group name *Coptorhinus* available by including the species *Scarabaeus retusus* Fabricius, 1781 (p. 14), which is the type species by monotypy. This genus is placed in the SCARABAEIDAE or MELOLONTHIDAE.

2. Hope (1837, p. 47) proposed the replacement name *Temnorhynchus* because he considered Dejean's name preoccupied: 'Sp. 65. *Retusus* — The Baron De Jean has given the generic name of *Coptorhinus* to this species, a name which was published by me some years since in the *Zoological Transactions*, it must therefore be changed; as it is significant of the genus, I substitute for it the term *Temnorhynchus*' (see Krell, 1992, p. 325). On p. 95 Hope wrote 'Mr Kirby in his MSS. gave it the generic name of *Pachypus*, and the Baron de Jean in his Catalogue adopts the term *Coptorhinus*; both names however must be changed, as they are previously used by other writers, for other genera of Lamellicorn beetles'. *Pachypus* Kirby is a nomen nudum. In fact *Coptorhinus* Hope had not been introduced earlier; Hope (1833, p. 62) had published *Coptorhina*, which according to modern nomenclatural rules is not homonymous with *Coptorhinus*.

3. Guérin Méneville ([1838], p. 72) described a 'division' of *Lycus* Fabricius (LYCIDAE) named *Coptorhinus*. The title page of the volume bears the date 1830. However, Guérin's part was published in 1838 as indicated by Sherborn & Woodward (1906, p. 336) and Sherborn (1925, p. 1510); I have confirmed this (Krell, 1992, p. 325 and following). The correct publication date had not been noted in the taxonomic literature until my nomenclatural revision in 1992. Prell (1936, p. 147), Endrődi (1976, p. 232) and Dechambre (1986, p. 32) assumed *Coptorhinus* Dejean to be preoccupied by *Coptorhinus* Guérin Méneville, but Dejean's name is the senior homonym.

4. Guérin Méneville ([1838]) did not include any species in his 'division' *Coptorhinus*, either in the original description or later (L. Bocák in litt., 1993). The name was rarely used and was considered by Kleine (1933, p. 28) as a probable synonym of *Idiopteron* Bourgeois, 1905. With no explanation Kleine (1933) chose to use the latter name over the senior synonym.

5. In a complete bibliography of the genus, I (Krell, 1994) list 194 references (e.g. Ferreira, 1966; Endrödi, 1985; Dechambre 1986; Baraud, 1992 and Cassis & Weir, 1992) in which the name *Temnorhynchus* Hope, 1837, is used as valid, sometimes incorrectly spelled (mostly *Temnorrhynchus*, rarely *Themnorhynchus*, *Themnorrhynchus*, *Temnorynchus*, *Temnorchynchus*, *Temnorhyncus*); some of these are certainly printer's errors. In contrast *Coptorhinus* Dejean, 1833 has not been used since Sturm (1843, p. 115) and Rühl (1889).

6. The International Commission on Zoological Nomenclature is accordingly asked:

- (1) to use its plenary powers to suppress the generic name *Coptorhinus* Dejean, 1833 for the purposes of the Principle of Priority but not for those of the Principle of Homonymy;
- (2) to place on the Official List of Generic Names in Zoology the name *Temnorhynchus* Hope, 1837 (gender: masculine), type species by monotypy of the replaced nominal genus *Coptorhinus* Dejean, 1833, *Scarabaeus retusus* Fabricius, 1781;
- (3) to place on the Official List of Specific Names in Zoology the name *retusus* Fabricius, 1781, as published in the binomen *Scarabaeus retusus* (specific name of the type species of *Temnorhynchus* Hope, 1837);
- (4) to place the following names on the Official List of Rejected and Invalid Generic Names in Zoology:
 - (a) *Coptorhinus* Dejean, 1833, as suppressed in (1) above;
 - (b) *Coptorhinus* Guérin Méneville, [1838] (a junior homonym of *Coptorhinus* Dejean, 1833).

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