



## A new substitute name for *Bidessus (Bidessodes) plicatus* Zimmermann, 1921 (Coleoptera: Dytiscidae: Hydroporinae: Bidessini)

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During a study of the World catalogue of Dytiscidae (Nilsson 2001) I found an overlooked primary homonymy in the genus *Bidessus* Sharp, 1882 (Hydroporinae: Bidessini). *Bidessus (Bidessodes) plicatus* Zimmermann, 1921 (currently in the genus *Bidessodes* Régimbart, 1900) from Brazil is preoccupied by *Bidessus plicatus* Sharp, 1882 (currently in the genus *Liodes* Guignot, 1939) from New Zealand. As the identity of both taxa is clear, I propose a new substitute name for the junior homonym.

### *Bidessodes (Bidessodes) zimmermanni* nom. nov.

*Bidessus (Bidessodes) plicatus* Zimmermann, 1921: 198 (original description; type locality: Brazil, Mato Grosso, Corumba [ca. 19.01S 57.64W]).

*Bidessus plicatus* Zimmermann; Blackwelder 1944: 76 (catalogue).

*Bidessus plicatus* (Zimmermann); Young 1969: 2 (new combination; catalogue).

*Bidessodes* (s. str.) *plicatus* (Zimmermann); Young 1986: 218 (redescription, designation of lectotype); Braga & Ferreira 2009: 48 (key).

*Bidessodes (Bidessodes) plicatus* (Zimmermann); Nilsson 2001: 112 (catalogue).

**Comments.** Zimmermann (1921) introduced the new species in the combination '*Bidessodes plicatus* nov. spec.' However, on the previous page, the author stated '*Bidessus* subg. *Bidessodes*' and thus clearly gave subgeneric status to *Bidessodes* Régimbart, 1900. Therefore the correct original combination is '*Bidessus (Bidessodes) plicatus*'. The fact was overlooked by the subsequent revising author (Young 1969, 1986) and was corrected only in the World catalogue (Nilsson 2001). Following ICZN (1999: Article 53.3), *Bidessus plicatus* Zimmermann, 1921 is a junior primary homonym of *Bidessus plicatus* Sharp, 1882, and is therefore permanently invalid and has to be substituted (ICZN 1999: Article 60.1). Because the taxon has no available synonym, a new substitute name *Bidessodes zimmermanni* nom. nov. is here proposed (ICZN 1999: Article 60.3). The fact that the junior homonym was described in the subgenus *Bidessodes* has no effect on the homonymy (ICZN 1999: Article 57.4). A similar situation has already been solved by Hendrich & Wang (2006) for the Australian *Bidessus bifasciatus* Zimmermann, 1922, preoccupied by the Neotropical *Bidessus (Hemibidessus) bifasciatus* Zimmermann, 1921.

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### References

Blackwelder, R.E. (1944) Checklist of the coleopterous insects of Mexico, Central America, the West Indies, and South America. Part I. *United States National Museum Bulletin*, 185, xii + 1–188.