



## Synonyms and one new record in the spider family Trechaleidae (Araneae: Lycosoidea)

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After the publication of the first taxonomic revision of *Trechalea* Thorell, 1869 by Carico (1993), several genera of Trechaleidae were revised, including *Dossenus* Simon, 1898 (Silva *et al.* 2007), *Enna* O. Pickard-Cambridge, 1897 (Silva *et al.* 2008), *Syntrechalea* F.O. Pickard-Cambridge, 1902 (Carico 2008) and *Hesydrus* Simon, 1898 (Carico 2005a). New genera have also been proposed, for example, *Paratrechalea* Carico, 2005 and *Trechaleoides* Carico, 2005 (Carico 2005b). However, there is still much taxonomic work to be done in the spider family Trechaleidae and here we identify further synonymies and list misidentifications of genera and species.

*Demelodos* Mello-Leitão, 1943 is here considered as *insertae sedis*, since it is known only from a single immature specimen. *Trechalea amazonica* F.O. Pickard-Cambridge, 1903 is a senior synonym of *T. trinidadensis* Carico, 1993 and *T. rothi* Carico & Silva, 2010. *Trechalea boliviensis* Carico, 1993 is a senior synonym of *Syntrechalea colombiana* Silva & Lise, 2008. *Enna redundans* (Platnick, 1993) is a senior synonym of *Enna braslandia* Silva, Lise & Carico, 2008. *Syntrechalea caballero* Carico, 2008 is recorded at a new locality in southeastern Brazil.

The material examined is deposited in the following institutions (with abbreviations and curators in parentheses): American Museum of Natural History, New York, USA (**AMNH**, N.I. Platnick), The Natural History Museum, London, England (**BMNH**, P. Hillyard), the California Academy of Sciences, San Francisco, USA (**CAS**, C. Griswold), the Instituto de Ciencias Naturales de la Universidad Nacional de Colombia, Bogotá, Colombia (**ICN**, E. Florez), the Instituto Nacional de Pesquisas da Amazônia, Manaus, Brazil (**INPA**, C. Magalhães), the Instituto de Ecología, La Paz, Bolivia (**IE**), the Museum of Comparative Zoology, Massachusetts, USA (**MCZ**, G. Giribet), the Museu Nacional, Rio de Janeiro, Brazil (**MNRJ**, A.B. Kury), the Universidade Estadual Paulista, São Paulo, Brazil (**UBTU**, I.M.P. Rinaldi) and the Departamento de Zoologia, Universidade de Brasília, Brazil (**UnB**, P. Motta).

### Taxonomy

#### *Demelodos* Mello-Leitão, 1943

*Demelodos* Mello-Leitão, 1943: 164. Type species: *Demelodos iheringi* Mello-Leitão 1943: 164, immature female holotype from Rio Grande do Norte, Rudolf von Ihering (MNRJ, examined).

**Note.** The genus *Demelodos* was proposed by Mello-Leitão (1943), but in the original description, Mello-Leitão used two different spellings, the one above and *Demolodos*. Caporiacco (1948) presumed that the name is an anagram of *Dolomedes* Latreille, 1804, and the former spelling is assumed to be the correct one; the spelling *Demolodes*, used by Roewer (1955) and subsequent catalogues (Brignoli 1983; Platnick 1989), is incorrect (Platnick 1993). The holotype is labelled with the *in schedula* "*Demelodos dubius*" specific name (Silva-Moreira *et al.*, 2010). The genus was placed in the "*Trechalea* genus-group" by Sierwald (1990).

The holotype of *Demelodos iheringi*, which is a small, immature female and the only known specimen, cannot be distinguished from other genera in Trechaleidae, and is considered as *insertae sedis*.