

## AUSTRALASIAN SPECIES OF GENUS *LEIODES* LATREILLE (COLEOPTERA: LEIODIDAE: LEIODINAE)<sup>1</sup>

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**ABSTRACT:** Species described by Lea and Olliff as *Anisotoma* from Australia and Tasmania are transferred to *Leiodes* Latreille as follows: *Leiodes tasmaniae* (Olliff) comb. n., *L. ammophila* (Lea) comb. n., *L. bicoloriclava* (Lea) comb. n., *L. myrmecophila* (Lea) comb. n., *L. micropunctata* (Lea) comb. n., and *L. wiburdi* (Lea) comb. n.

Hatch (1929) corrected the misuse of the generic name *Anisotoma* Illiger for the genus *Leiodes* Latreille (see Horn, 1880), synonymizing the former with the latter. Species described by Lea (1911, 1912) and Olliff (1889) from Australia and Tasmania, however, were listed as *Anisotoma* Panzer by Hatch (1929).

This error came to my attention during revision of the North and Middle American species of *Anisotoma* Panzer (Wheeler, 1977). Removal of these species from the genus *Anisotoma* is harmonious with my views on the phylogeny and zoogeography of the leiodid beetles. For example, *Leiodes* Latreille is closely related to *Hydnobius* Schmidt and is, therefore, among the most pleisiotypic of leiodid genera (Crowson, 1967), and *Anisotoma* is among the more apotypic genera (Wheeler, 1977). It is hypothesized that the more pleisiotypic genera might occur in the Australian region, while the more apotypic genera would not. Recognition of the following species as *Leiodes* Latreille is in agreement with this notion.

I hereby propose the following placement of the species described by Lea (1911, 1912) and Olliff (1889):

<i>Leiodes tasmaniae</i> (Olliff), <b>New Combination</b>	Tasmania
<i>Leiodes ammophila</i> (Lea), <b>New Combination</b>	Tasmania
<i>Leiodes bicoloriclava</i> (Lea), <b>New Combination</b>	Tasmania
<i>Leiodes myrmecophila</i> (Lea), <b>New Combination</b>	Tasmania
<i>Leiodes micropunctata</i> (Lea), <b>New Combination</b>	New South Wales
<i>Leiodes wiburdi</i> (Lea), <b>New Combination</b>	New South Wales

I have not examined specimens of the above species. The proposed changes are based on citation of *Anisotoma* Illiger (not *Anisotoma* Panzer) by Olliff, and descriptions made by both Olliff and Lea.

This paper should clarify the placement of these Australasian species, and emend their misplacement by Hatch.

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A.N.(S.) 104

The required six months' notice is given of the possible use of plenary powers by the International Commission on Zoological Nomenclature in connection with the following names listed by case number: (see *Bull. Zool. Nom.* 34, part 3, 9 November, 1977).

- 2199 *Pangonia conica* Bigot, 1857: designation as type-species of *Mycteromyia* Philippi, 1865 (Insecta, Diptera, TABANIDAE).
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Those received early enough will be published in the Bulletin of Zoological Nomenclature.



Wheeler, Quentin D. 1978. "Australasian Species Of Genus *Leiodes* Latreille." *Entomological news* 89, 63–64.

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