

Abstract

The New World genus *Pissonotus* Van Duzee, 1897 is a member of the subfamily Delphacinae and the tribe Delphacini. *Pissonotus* contains 43 species, occurring from southern Canada to Argentina, including the Caribbean. A redescription of the genus is presented with illustrations and notes on morphology. All species are described and illustrated (dorsal view, frontal view, and male genitalia), and all available geographic and host plant records are presented. Most *Pissonotus* records are from host plants in the Asteraceae. Seven appendixes summarize patterns of geographic distribution.

In total, 9,091 *Pissonotus* specimens were examined (3,421 brachypterous and 573 macropterous males, 4,225 brachypterous and 872 macropterous females). Of the 43 species, 30 previously were included with the genus (*P. melanurus* Van Duzee, 1917 is elevated to species level), 2 are moved into *Pissonotus* from other genera, *P. neotropicus* (Muir, 1926) from *Phyllodinus* Van Duzee, 1897, and *P. abdominalis* (Crawford, 1914) from *Dicranotropis* Fieber, 1866 (as *D. bakeri abdominalis*); 11 are described as new by the 1st author (*P. boliviensis*, *P. brevistilus*, *P. canadensis*, *P. concolor*, *P. decussatus*, *P. divergens*, *P. festucae*, *P. jamaicensis*, *P. paraguayensis*, *P. radiolus*, and *P. spatulatus*); 3 are treated as new junior synonyms: *P. exiguus* Morgan and Beamer, 1949 = *P. frontalis* (Crawford, 1914); *Dicranotropis bakeri* Crawford, 1914 = *P. piceus* (Van Duzee, 1894b); *Delphacodes pictifrons* Osborn, 1938 = *P. piceus* (Van Duzee); and 9 are removed from *Pissonotus*, with new combinations as follows: *Euides belemensis* (Muir, 1926), *Euides brazilensis* (Muir, 1926), *Euides equadorensis* (Muir, 1926), *Euides megalostylus* (Muir, 1919) and *Terthron pylaon* (Kirkaldy, 1907). *Pissonotus absenta* Caldwell, 1951, *P. haywardi* Muir, 1929, *P. nigridorsum* Metcalf, 1923 and *P. substitua* (Walker, 1851) are considered unplaced within the Delphacini. Taxonomic keys to brachypterous males of all species, and to species within more limited geographic areas, are presented. Lectotypes are designated for 3 species: *P. crawfordi* Metcalf, 1923; *P. muiri* Metcalf, 1943; and *Phyllodinus koebelei* Osborn, 1903. A group of 4 species (*P. piceus*, *P. dentatus*, *P. abdominalis*, and *P. boliviensis*) is described as the *P. piceus* species complex.