

A revision of the Australian endemic water beetle genus *Gymnanthelius* Perkins (Coleoptera: Hydraenidae)

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Abstract

The Australian endemic water beetle genus *Gymnanthelius* Perkins is revised, based on the study of 1,995 specimens. Five new species are described: *G. lamingtonensis* (Queensland, Lamington, Binna Burra), *G. maxipunctus* (New South Wales), *G. opacicollis* (Victoria, Traralgon Creek., 0.2 km N. “Hogg Bridge”, 5.0 km NNW Balook), *G. porchi* (Victoria, Possum Hollow Falls, W. br. Tarwin River, 5.6 km SSW Allambee), and *G. tunicus* (Victoria, Traralgon Creek., 0.2 km N. “Hogg Bridge”, 5.0 km NNW Balook). A key to the eight known species is given. High resolution digital images of all holotypes are presented (online version in color), geographic distributions are mapped, and the male genitalia are illustrated. Available microhabitat data indicate that *Gymnan-*