

Last updated: 29 March 2025

AULACOPHILINUS

Aulacophilinus Lomholdt, 1980a:27. Type species: *Aulacophilinus rennelliensis*, by original designation and monotypy.

Revisions: Naumann, 1990b (as *caliginosum* species group of *Pison*); Menke, 2016:6 (key to world species of *Aulacophilinus*); Pulawski, 2017 (world species of *Aulacophilinus*).

1. amblygnathus Menke

Aulacophilinus amblygnathus Menke, 2016:335, ♀, ♂. Holotype: ♂, Papua New Guinea: Morobe Province: Wau (AEI). – Menke, 2016:337 (in key to world *Aulacophilinus*); Pulawski, 2017:6 (in key to world *Aulacophilinus*, in revision of *Aulacophilinus*).

2. caliginosum (R. Turner)

Pison caliginosum R. Turner, 1908:518, ♀. Holotype or syntypes: ♀, Australia: Queensland: Kuranda near Cairns (BMNH). – R. Turner, 1916g:596 (in key to Australian *Pison*), 600 (diagnostic characters); R. Bohart and Menke, 1976:335 (in checklist of world Sphecidae); Cardale, 1985:258 (in catalog of Australian Sphecidae); Naumann, 1990a:24 (Norfolk Island), 1990b:235 (in revision of *caliginosum* species group of *Pison*); K. Walker, Naumann, Austin, Taylor, and Cardale, 1992:49 (in catalog of insects of Tasmania); Naumann, 1998:185 (Australia: north-west Queensland: Musselbrook area, approximately 18°40'S 138°23'E); Smithers, 1998:46 (in list of insects of Norfolk Island). – As *Aulacophilinus caliginosus*: Menke, 2016:335 (new combination), 337 (in key to world *Aulacophilinus*); Pulawski, 2017:5 (in key to world *Aulacophilinus*), 8 (in revision of *Aulacophilinus*).

3. carinatus Pulawski

Aulacophilinus carinatus Pulawski, 2017:12, ♀, ♂. Holotype: ♀, Indonesia: Western Papua: Waris south of Jayapura (Bishop Mus.). – Pulawski, 2017:6 (in key to world *Aulacophilinus*).

4. mandibulatum (R. Turner)

Pison mandibulatum R. Turner, 1916g:605, ♀, ♂. Lectotype: ♀, Australia: Western Australia: Yallingup (BMNH), designated by Naumann, 1990b:242. – R. Turner, 1916g:597 (in key to Australian *Pison*), Bohart and Menke, 1976:336 (in checklist of world Sphecidae); Cardale, 1985:260 (in catalog of Australian Sphecidae); Naumann, 1990b:242 (in revision of *caliginosum* species group of *Pison*). – As *Aulacophilinus mandibulatus*: Menke, 2016:335 (new combination), 337 (in key to world *Aulacophilinus*), 338 (diagnostic characters); Pulawski, 2017:5 (in key to world *Aulacophilinus*), 15 (in revision of *Aulacophilinus*).

5. pyrrhicum (Naumann)

Pison pyrrhicum Naumann, 1990b:240, ♀, ♂. Holotype: ♀, Australia: Queensland: Kookaburra Cave in Carnarvon National Park (QMB). – As *Aulacophilinus pyrrhicus*: Menke, 2016:335 (new combination), 338 (in key to world *Aulacophilinus*); Pulawski, 2017:5 (in key to world *Aulacophilinus*), 16 (in revision of *Aulacophilinus*).

6. rennelliensis Lomholdt

Aulacophilinus rennelliensis Lomholdt, 1980a:28, ♀, ♂. Holotype: ♀, Solomon Islands: Island of Rennell: Hutuna (ZMUC). – Menke, 2016:337 (in key to world *Aulacophilinus*), 338 (diagnostic characters of holotype and paratype); Pulawski, 2017:5 (in key to world *Aulacophilinus*), 19 (in revision of *Aulacophilinus*). – As *Pison rennelliense*: Antropov, 1999:564 (new combination, analysis of relationships).

7. *solitarius* Pulawski

Aulacophilinus solitarius Pulawski, 2017:14, ♀. Holotype: ♀, Indonesia: Western Papua: Paniai Lakes: Enarotadi (Bishop Mus.). – Pulawski, 2017:6 (in key to world *Aulacophilinus*).

8. *tegularis* Pulawski

Aulacophilinus tegularis Pulawski, 2017:23, ♀. Holotype: ♀ Papua New Guinea: Madang Province: Bundi at 5°45'S 145°15'E (CAS). – Pulawski, 2017:6 (in key to world *Aulacophilinus*). – Pulawski, 2017:6 (in key to world *Aulacophilinus*).

9. *weiri* (Naumann)

Pison weiri Naumann, 1990b:239, ♀, ♂. Holotype: ♀, Australia: Northern Territory: Island of Rimbija (ANIC). – As *Aulacophilinus weiri*: Menke, 2016:335 (new combination), 337 (in key to world *Aulacophilinus*); Pulawski, 2017:5 (in key to world *Aulacophilinus*), 25 (in revision of *Aulacophilinus*).