

Last updated: 10 January, 2025

AUSTROGORYTES

Austrogorytes R. Bohart, 1967:155. Type species: *Gorytes bellicosus* F. Smith, 1862, by original designation.

Revision: R. Bohart, 1984.

In key to genera of Gorytina: Nemkov, 2010b:502.

Correction. In their key to genera of Gorytini, Bohart and Menke (1976) assign *Austrogorytes* to the key section with the hindwing media diverging before vein *cu-a*. This is a grave error, as in reality the media diverges more than one midocellar diameter beyond *cu-a* (as described on p. 498 and illustrated in Fig. 157c).

1. *aurantiacus* (R. Turner)

Arpactus aurantiacus R. Turner, 1915a:71, ♂. Holotype: ♂, Australia: Western Australia: Ankertell (South Australian Museum, Adelaide). – R. Turner, 1915a:70 (in key to Australian *Arpactus*). – **As *Gorytes aurantiacus***: Maidl and Klima, 1939:55 (new generic assignment, in catalog of world Astatinae and Bembicinae). – **As *Austrogorytes aurantiacus***: R. Bohart, 1967:155 (new generic assignment); R. Bohart and Menke, 1976:498 (in checklist of world Sphecidae); R. Bohart, 1984:395 (in revision of *Austrogorytes*); Cardale, 1985:281 (in catalog of Australian Sphecidae).

2. *bellicosus* (F. Smith)

Gorytes bellicosus F. Smith, 1862b:53, ♀. Holotype: ♀, Australia: South Australia: Adelaide (BMNH). – Handlirsch, 1888b:539 (original description translated into German); Froggatt, 1892:220 (in catalog of Australian Hymenoptera); Dalla Torre, 1897:537 (in catalog of world Sphecidae); Maidl and Klima, 1939:56 (in catalog of world Astatinae and Bembicinae). – **As *Arpactus bellicosus***: R. Turner, 1915a:69 and 70 (new generic assignment, in key to Australian *Arpactus*). – **As *Austrogorytes bellicosus***: R. Bohart, 1967:155 (new generic assignment); Evans and Matthews, 1971b:294 (nesting behavior), 297 (description of larva); R. Bohart and Menke, 1976:498 (in checklist of world Sphecidae); R. Bohart, 1984:395 (in revision of *Austrogorytes*); Cardale, 1985:281 (in catalog of Australian Sphecidae); McCorquodale and Thomson, 1989:95 (citation of Evans and Matthews, 1971); Evans and O'Neil, 2007:52 (summary of information on nesting habits); Nemkov, 2012b:119, 120 (review of known prey).

Gorytes dizonus Handlirsch, 1895:873, ♂. Holotype: ♂, Australia: Victoria: no specific locality (Stuttgart). Synonymized with *Gorytes bellicosus* by R. Turner, 1915a:70. – Dalla Torre, 1897:541 (in catalog of world Sphecidae).

3. *browni* (R. Turner)

Arpactus browni R. Turner, 1936:540, ♂. Lectotype: ♂, Australia: Western Australia: Dedari 40 mi. west of Coolgardie (BMNH), designated by R. Bohart, 1984:395. – **As *Gorytes browni***: Maidl and Klima, 1939:56 (new generic assignment, in catalog of world Astatinae and Bembicinae). – **As *Austrogorytes browni***: R. Bohart, 1967:155 (new generic assignment); R. Bohart and Menke, 1976:498 (in checklist of world Sphecidae); R. Bohart, 1984:395 (in revision of *Austrogorytes*); Cardale, 1985:281 (in catalog of Australian Sphecidae); .

4. *cardaleae* R. Bohart

Austrogorytes cardaleae R. Bohart, 1984:395, ♂. Holotype: ♂, Australia: Northern Territory: 53 km northeast of Alice Springs (ANIC).

5. *carinatus* R. Bohart

Austrogorytes carinatus R. Bohart, 1984:396, ♀, ♂. Holotype: ♂, Australia: Western Australia: King George Sound (Australian Museum, Sydney).

6. *chrysozonus* (R. Turner)

Arpactus chrysozonus R. Turner, 1915a:72, ♀. Holotype: ♀, Australia: Queensland: Brisbane (Sydney). – R. Turner, 1915a:69 (in key to Australian *Arpactus*). – **As *Gorytes chrysozonus***: Maidl and Klima, 1939:56 (new generic assignment, in catalog of world Astatinae and Bembicinae). – **As *Austrogorytes chrysozonus***: R. Bohart, 1967:155 (new generic assignment); R. Bohart and Menke, 1976:498 (in checklist of world Sphecidae); R. Bohart, 1984:396 (in revision of *Austrogorytes*); Cardale, 1985:281 (in catalog of Australian Sphecidae).

7. *ciliatus* (Handlirsch)

Gorytes ciliatus Handlirsch, 1895:874, ♂. Holotype: ♂, Australia: South Australia: Adelaide (ZMHU); Dalla Torre, 1897:539 (in catalog of world Sphecidae). – Maidl and Klima, 1939:56 (in catalog of world Astatinae and Bembicinae). – **As *Arpactus ciliatus***: R. Turner, 1915a:69 (new generic assignment, in key to Australian *Arpactus*). – **As *Austrogorytes ciliatus***: R. Bohart, 1967:155 (new generic assignment); R. Bohart and Menke, 1976:498 (in checklist of world Sphecidae); R. Bohart, 1984:397 (in revision of *Austrogorytes*); Cardale, 1985:281 (in catalog of Australian Sphecidae).

8. *cygnorum* (R. Turner)

Gorytes cygnorum R. Turner, 1908:501, ♂. Holotype: ♂, Australia: Western Australia: Swan River near Perth (BMNH). – Maidl and Klima, 1939:56 (in catalog of world Astatinae and Bembicinae). – **As *Arpactus cygnorum***: R. Turner, 1915a:70 (in key to Australian *Arpactus*), 71 (new generic assignment, diagnostic characters). – **As *Austrogorytes cygnorum***: R. Bohart, 1967:155 (new generic assignment); R. Bohart and Menke, 1976:498 (in checklist of world Sphecidae); R. Bohart, 1984:397 (in revision of *Austrogorytes*); Cardale, 1985:282 (in catalog of Australian Sphecidae).

9. *evansi* R. Bohart

Austrogorytes evansi R. Bohart, 1984:398, ♀, ♂. Holotype: ♂, Australia: South Australia: Ororoo (South Australian Museum, Adelaide).

10. *exleyae* R. Bohart

Austrogorytes exleyae R. Bohart, 1984:398, ♀. Holotype: ♀, Australia: Queensland: Nocatunga (ANIC).

11. *fimbriatus* R. Bohart

Austrogorytes fimbriatus R. Bohart, 1984:399, ♂. Holotype: ♂, Australia: New South Wales: Lane Cove, suburb of Sydney (ANIC).

12. *frenchii* R. Turner

Gorytes frenchii R. Turner, 1908:501, ♂. Holotype: ♂, Australia: Victoria: no specific locality (BMNH). – Maidl and Klima, 1939:56 (in catalog of world Astatinae and Bembicinae). – **As *Arpactus frenchii***: R. Turner, 1915a:70 (new generic assignment, in key to Australian *Arpactus*), 70 (new generic assignment, diagnostic characters). – **As *Austrogorytes frenchii***: R. Bohart, 1976:157 (new generic assignment); R. Bohart and Menke, 1976:498 (in checklist of world Sphecidae); R. Bohart, 1984:399 (in revision of *Austrogorytes*); Cardale, 1985:282 (in catalog of Australian Sphecidae).

Arpactus consuetipes R. Turner, 1915a:77, ♂. Holotype: ♂, Australia: New South Wales: no specific locality (BMNH). Synonymized with *Austrogorytes frenchii* by R. Bohart, 1984:399. – R. Turner, 1915a:70 (in key to Australian *Arpactus*). – **As *Gorytes consuetipes***: Maidl and Klima, 1939:56 (new generic assignment, in catalog of world Astatinae and Bembicinae). – **As *Austrogorytes consuetipes***: R. Bohart, 1967:155 (new generic assignment);

R. Bohart and Menke, 1976:498 (in checklist of world Sphecidae); Cardale, 1985:282 (in catalog of Australian Sphecidae).

13. *grahami* R. Bohart

Austrogorytes grahami R. Bohart, 1984:401, ♀, ♂. Holotype: ♂, Australia: Australian Capital Territory: Blundells (ANIC).

14. *houstoni* R. Bohart

Austrogorytes houstoni R. Bohart, 1984:402, ♀, ♂. Holotype: ♂, Australia: Western Australia: 10 km west of Tamala Homestead (Western Australian Museum, Perth).

15. *humphreysi* R. Bohart

Austrogorytes humphreysi R. Bohart, 1984:402, ♀. Holotype: Australia: Western Australia: Yundamindra (Western Australian Museum, Perth).

16. *interruptus* R. Bohart

Austrogorytes interruptus R. Bohart, 1984:403, ♀. Holotype: ♀, Australia: New South Wales: Katoomba in Blue Mountains (Australian Museum, Sydney).

17. *meesi* R. Bohart

Austrogorytes meesi R. Bohart, 1984:403, ♂. Holotype: ♂, Australia: Western Australia: Kimberley: Sturt Creek Camp (RMNH).

18. *musgravei* R. Bohart

Austrogorytes musgravei R. Bohart, 1984:404, ♀. Holotype: ♀, Australia: New South Wales: Kurrajong (Australian Museum, Sydney).

19. *naumanni* R. Bohart

Austrogorytes naumanni R. Bohart, 1984:404, ♀. Holotype: ♀, Australia: New South Wales: 40 mi. north of Broken Hill (ANIC).

20. *norrisi* R. Bohart

Austrogorytes norrisi R. Bohart, 1984:405, ♂. Holotype: ♂, Australia: Western Australia: Crawley in Perth (Western Australian Museum, Perth).

21. *occidentalis* R. Bohart

Austrogorytes occidentalis R. Bohart, 1984:405, ♂. Holotype: ♂, Australia: Western Australia: 10 km east-southeast of Meedo Homestead. (West Australian Museum, Perth).

22. *perkinsi* (R. Turner)

Gorytes perkinsi R. Turner, 1912f:57, ♀. Holotype or syntypes: ♀, Australia: Queensland: Cairns (BMNH). – Maidl and Klima, 1939:56 (in catalog of world Astatinae and Bembicinae). – *As Arpactus perkinsi*: R. Turner, 1915a:69 (in key to Australian *Arpactus*), 71 (new generic assignment, diagnostic characters). – *As Austrogorytes perkinsi*: R. Bohart, 1967:157 (new generic assignment); R. Bohart and Menke, 1976:498 (in checklist of world Sphecidae); R. Bohart, 1984:407 (in revision of *Austrogorytes*); Cardale, 1985:282 (in catalog of Australian Sphecidae).

23. *permaculatus* R. Bohart

Austrogorytes permaculatus R. Bohart, 1984:407, ♀. Holotype: ♀, Australia: Western Australia: 7.5 km southeast of Banjiwarn Homestead (Western Australian Museum, Perth).

24. *pretiosus* (R. Turner)

Arpactus pretiosus R. Turner, 1915a:75, ♂. Holotype: ♂, Australia: Western Australia: Yallingup (BMNH). – R. Turner, 1915a:70 (in key to Australian *Arpactus*). – *As Gorytes pretiosus*: Maidl and Klima, 1939:56 (new ge-

neric assignment, in catalog of world Astatinae and Bembicinae). – **As Austrogorytes pretiosus**: R. Bohart, 1967:157 (new generic assignment); R. Bohart and Menke, 1976:498 (in checklist of world Sphecidae); R. Bohart, 1984:408 (in revision of *Austrogorytes*); Cardale, 1985:282 (in catalog of Australian Sphecidae).

25. *rieki* R. Bohart

Austrogorytes rieki R. Bohart, 1984:408, ♀, ♂. Holotype: ♂, Australia: New South Wales: 25 mi. south of Tibooburra (ANIC).

26. *rufidulus* R. Bohart

Austrogorytes rufidulus R. Bohart, 1984:409, ♀. Holotype: ♀, Australia: Western Australia: 10 km south of Perenjori (ANIC).

27. *spinicornis* (R. Turner)

Arpactus spinicornis R. Turner, 1915a:76, ♂. Holotype: ♂, Australia: Western Australia: Beverley (South Australian Museum, Adelaide). – R. Turner, 1915a:69 (in key to Australian *Arpactus*). – **As Gorytes spinicornis**: Maidl and Klima, 1939:57 (new generic assignment, in catalog of world Astatinae and Bembicinae). – **As Austrogorytes spinicornis**: R. Bohart, 1967:157 (new generic assignment); R. Bohart and Menke, 1976:498 (in checklist of world Sphecidae); R. Bohart, 1984:409 (in revision of *Austrogorytes*); Cardale, 1985:282 (in catalog of Australian Sphecidae).

28. *spryi* (R. Turner)

Arpactus spryi R. Turner, 1915a:73, ♂. Holotype: ♂, Australia: Victoria: Mordialloc (BMNH). – R. Turner, 1915a:69 (in key to Australian *Arpactus*). – **As Gorytes spryi**: Maidl and Klima, 1939:57 (new generic assignment, in catalog of world Astatinae and Bembicinae). – **As Austrogorytes spryi**: R. Bohart, 1967:157 (new generic assignment); R. Bohart and Menke, 1976:498 (in checklist of world Sphecidae); R. Bohart, 1984:410 (in revision of *Austrogorytes*); Cardale, 1985:282 (in catalog of Australian Sphecidae).

Arpactus obesus R. Turner, 1915a:74, ♀, ♂. Lectotype: ♂, Australia: Western Australia: Yallingup (BMNH), designated by R. Bohart, 1984:410. Synonymized with *Austrogorytes spryi* by R. Bohart, 1984:410. – R. Turner, 1915a:69 (in key to Australian *Arpactus*). – **As Gorytes obesus**: Maidl and Klima, 1939:56 (new generic assignment, in catalog of world Astatinae and Bembicinae). – **As Austrogorytes obesus**: R. Bohart, 1967:157 (new generic assignment); R. Bohart and Menke, 1976:498 (in checklist of world Sphecidae); Cardale, 1985:282 (in catalog of Australian Sphecidae).

29. *tarsatus* (F. Smith)

Gorytes tarsatus F. Smith, 1856:366, ♂. Holotype or syntypes: ♂, Australia: South Australia: Adelaide (BMNH). – Handlirsch, 1888b:543 (original description translated into German); Froggatt, 1892:220 (in catalog of Australian Hymenoptera); Dalla Torre, 1897:555 (in catalog of world Sphecidae); Maidl and Klima, 1939:57 (in catalog of world Astatinae and Bembicinae). – **As Arpactus tarsatus**: R. Turner, 1915a:69 and 70 (in key to Australian *Arpactus*), 71 (new generic assignment, diagnostic characters). – **As Austrogorytes tarsatus**: R. Bohart, 1967:157 (new generic assignment); R. Bohart and Menke, 1976:498 (in checklist of world Sphecidae); R. Bohart, 1984:410 (in revision of *Austrogorytes*); Cardale, 1985:283 (in catalog of Australian Sphecidae).

Gorytes eximius F. Smith, 1862b:55, ♀. Holotype: ♀, Australia: South Australia: Adelaide? (BMNH). Synonymized with *Gorytes tarsatus* by Handlirsch, 1888b:543. – Froggatt, 1892:220 (in catalog of Australian Hymenoptera). – **As Austrogorytes eximius**: R. Bohart, 1967:157 (new generic assignment); R. Bohart in Bohart and Menke, 1976:500 (as new synonym of *Austrogorytes tarsatus*).

30. *tindalei* R. Bohart

Austrogorytes tindalei R. Bohart, 1984:411, ♀, ♂. Holotype: ♂, Australia: Northern Territory: Groote Eylandt (South Australian Museum, Adelaide).

31. *turneri* R. Bohart

Austrogorytes turneri R. Bohart, 1984:412, ♂. Holotype: ♂, Australia: Western Australia: Yanchep (BMNH).