Last updated: 4 December 2018

ARPACTOPHILUS

Arpactophilus F. Smith, 1863:36. Type species: *Arpactophilus bicolor* F. Smith, 1863, by monotypy.

Harpactophilus Kohl, 1897a:276. Emendation of *Arpactophilus* F. Smith, 1863.

Austrostigmus R. Turner, 1912f:55. Type species: *Austrostigmus queenslandensis* R. Turner, 1908 [= *Stigmus queenslandensis* R. Turner, 1908], by original designation. Synonymized with *Arpactophilus* by R. Bohart *in* R. Bohart and Menke, 1976:41 and 186.

Redescription of the genus: Menke, 1989a:737.

Abdominal silk glands in adult females: de Melo, 1997.

Revisions: Matthews and Naumann, 2002 (Australian species, includes review of nesting habits); Breitkreutz, Ohl, and Engel, 2016 (New Caledonian species; all New Caledonian males have 10 flagellomeres).

Key to New Caledonia species: R. Bohart, 1999.

1. *abdominalis* R. Bohart

Arpactophilus abdominalis R. Bohart, 1999:98, ♀. Holotype: ♀, New Caledonia: Pindai Forest (MNHN). – Jennings, Krogmann, and Burwell, 2013:30 (in checklist of Hymenoptera of New Caledonia); Breitkreuz, Ohl, and Engel, 2016:7 (in key to females of *Arpactophilus* of New Caledonia), 55 (in revision of *Arpactophilus* of New Caledonia).

2. *approximatus* (R. Turner)

Austrostigmus approximatus R. Turner, 1916a:131, ♀. Holotype or syntypes: ♀, Australia: Queensland: Kuranda (BMNH). – R. Turner, 1916a:130 (in key to *Austrostigmus*). – **As *Arpactophilus approximatus***: R. Bohart and Menke, 1976:186 (new combination, in checklist of world Sphecidae); Cardale, 1985:230 (in catalog of Australian Sphecidae); Matthews and Naumann, 2002:103 (in key to Australian *Arpactophilus*).

3. *arator* (R. Turner)

Harpactophilus arator R. Turner, 1908:461, ♀. Syntypes: ♀, Australia: Queensland: Cairns (BMNH). – R. Turner, 1916a:129 (in key to *Harpactophilus*). – **As *Arpactophilus arator***: R. Bohart and Menke, 1976:186 (new combination, in checklist of world Sphecidae); Cardale, 1985:230 (in catalog of Australian Sphecidae); Matthews and Naumann, 2002:103 (in key to Australian *Arpactophilus*).

4. *arboreus* R. Bohart

Arpactophilus arboreus R. Bohart, 1999:100, ♀. Holotype: ♀, New Caledonia: Rivière Bleue Provincial Park (MNHN). – Jennings, Krogmann, and Burwell, 2013:30 (in checklist of Hymenoptera of New Caledonia); Breitkreuz, Ohl, and Engel, 2016:7 (in key to females of *Arpactophilus* of New Caledonia), 59 (is a species of uncertain identity, tentative diagnosis given).

5. *arha* Breitkreuz, Ohl, and Engel

Arpactophilus arha Breitkreuz, Ohl, and Engel, 2016:8, ♀, ♂. Holotype: ♀, New Caledonia: Pic du Pin at 22°15'S 166°49'E (QMB). – Breitkreuz, Ohl, and Engel, 2016:7 (in key to females of *Arpactophilus* of New Caledonia).

6. *arhoe* Breitkreuz, Ohl, and Engel

Arpactophilus arhoe Breitkreuz, Ohl, and Engel, 2016:14, ♀. Holotype: ♀, New Caledonia: Pinda (MNHN).

7. *bicolor* F. Smith

Arpactophilus bicolor F. Smith, 1863a:36, ♀, ♂. Syntypes: Indonesia: West Papua: Mysol, now Island of Misool: no specific locality (BMNH). – F. Smith, 1863b:136 (known from Misool), 1871a:369 (in catalog of Oriental Aculeata); Dalla Torre, 1897:364 (in catalog of world Hymenoptera, in *Harpactophilus*); R. Turner, 1908:459 (additional description;

Indonesia: Misool), 1916b:129 (in key to *Harpactophilus*); R. Bohart and Menke, 1976:186 (in checklist of world Sphecidae); Matthews and Naumann, 2002:125 (original description was based on both sexes).

8. *brochus* R. Bohart

Arpactophilus brochus R. Bohart, 1999:100, ♀. Holotype: ♀, New Caledonia: Province du Sud: 9.1 km northwest of Sanaméa (MNHN). – Jennings, Krogmann, and Burwell, 2013:30 (in checklist of Hymenoptera of New Caledonia); Breitkreuz, Ohl, and Engel, 2016:7 (in key to females of *Arpactophilus* of New Caledonia), 55 (in revision of *Arpactophilus* of New Caledonia).

9. *bwatoo* Breitkreuz, Ohl, and Engel

Arpactophilus bwatoo Breitkreuz, Ohl, and Engel, 2016:14,♀, ♂. Holotype: New Caledonia: Mount Koghis (MNHN). – Breitkreuz, Ohl, and Engel, 2016:8 (in key to females of *Arpactophilus* of New Caledonia)

10. *caac* Breitkreuz, Ohl, and Engel

Arpactophilus caac Breitkreuz, Ohl, and Engel, 2016:15,♀, ♂. Holotype: New Caledonia: 9.2 km E Col d'Amieu on Route 5, slopes of Mount Rembai (Bishop Mus.). – Breitkreuz, Ohl, and Engel, 2016:8 (in key to females of *Arpactophilus* of New Caledonia)

11. *caledonicus* R. Bohart

Arpactophilus caledonicus R. Bohart, 1999:♀, ♂. Holotype: ♀, New Caledonia: Mount Koghis (Bishop Mus.). – Jennings, Krogmann, and Burwell, 2013:30 (in checklist of Hymenoptera of New Caledonia); Breitkreuz, Ohl, and Engel, 2016:6 (in key to females of *Arpactophilus* of New Caledonia), 56 (in revision of *Arpactophilus* of New Caledonia).

12. *cemuhi* Breitkreuz, Ohl, and Engel

Arpactophilus cemuhi Breitkreuz, Ohl, and Engel, 2016:17, ♀, ♂. Holotype: ♀, New Caledonia: Mount Koghis (MNHN). – Breitkreuz, Ohl, and Engel, 2016:6 (in key to females of *Arpactophilus* of New Caledonia)

13. *concavus* R. Bohart

Arpactophilus concavus R. Bohart, 1999:102, ♀. Holotype: ♀, New Caledonia: Rivière Bleue Provincial Park: km 25.8 on Rivière Bleue Road (MNHN). – Jennings, Krogmann, and Burwell, 2013:30 (in checklist of Hymenoptera of New Caledonia); Breitkreuz, Ohl, and Engel, 2016:7 (in key to females of *Arpactophilus* of New Caledonia), 56 (in revision of *Arpactophilus* of New Caledonia).

14. *cuspidis* R. Bohart

Arpactophilus cuspidis R. Bohart, 1999:102, ♀. Holotype: ♀, New Caledonia: Mount Khogis 17 km north-northeast of Nouméa (MNHN). – Jennings, Krogmann, and Burwell, 2013:30 (in checklist of Hymenoptera of New Caledonia); Breitkreuz, Ohl, and Engel, 2016:7 (in key to females of *Arpactophilus* of New Caledonia), 56 (in revision of *Arpactophilus* of New Caledonia).

15. *deakinus* Matthews and Naumann

Arpactophilus deakinus Matthews and Naumann, 2002:104, ♀, ♂. Holotype: ♀, Australia: Australian Capital Territory: Deakin at 35°19'S 149°06'E (ANIC). – Matthews and Naumann, 2002:103 (in key to Australian *Arpactophilus*).

16. *deserticolus* R. Turner

Arpactophilus steindacheri race *deserticolus* R. Turner, 1936:534, ♀. Holotype or syntypes: ♀, Western Australia: Dedari 40 mi W Coolgardie (BMNH). – **As *Arpactophilus steindacheri deserticolus***: R. Bohart and Menke, 1976:186 (new status, in checklist of world Sphecidae); Cardale, 1985:231 (in catalog of Australian Sphecidae). – **As *Arpactophilus deserticolus***: Matthews and Naumann, 2002:103 (new status, in key to Australian *Arpactophilus*).

17. *dolichocara* R. Bohart

Arpactophilus dolichocara R. Bohart, 1999:102, ♀. Holotype: ♀, New Caledonia: Anse Vata (Bishop Mus.). – Jennings, Krogmann, and Burwell, 2013:30 (in checklist of Hymenoptera of New Caledonia); Breitkreuz, Ohl, and Engel, 2016:6 (in key to females of *Arpactophilus* of New Caledonia), 60 (is a species of uncertain identity, tentative diagnosis given).

18. *drehu* Breitkreuz, Ohl, and Engel

Arpactophilus drehu Breitkreuz, Ohl, and Engel, 2016:18, ♀. Holotype: ♀, New Caledonia: Pindaï (MNHN). – Breitkreuz, Ohl, and Engel, 2016:6 (in key to females of *Arpactophilus* of New Caledonia).

19. *drubea* Breitkreuz, Ohl, and Engel

Arpactophilus drubea Breitkreuz, Ohl, and Engel, 2016:22, ♀, ♂. Holotype: ♀, New Caledonia: Pindaï (MNHN). – Breitkreuz, Ohl, and Engel, 2016:6 (in key to females of *Arpactophilus* of New Caledonia).

20. *dubius* (R. Turner)

Austrostigmus dubius R. Turner, 1916a:131, ♀. Holotype or syntypes: ♀, Australia: Queensland: Kuranda (BMNH). – R. Turner, 1916a:130 (in key to *Austrostigmus*). – **As *Arpactophilus dubius***: R. Bohart and Menke, 1976:186 (new combination, in checklist of world Sphecidae); Cardale, 1985:231 (in catalog of Australian Sphecidae).

21. *fagauvea* Breitkreuz, Ohl, and Engel

Arpactophilus fagauvea Breitkreuz, Ohl, and Engel, 2016:23, ♀, ♂. Holotype: ♀, New Caledonia: Pinda (MNHN). – Breitkreuz, Ohl, and Engel, 2016:7 (in key to females of *Arpactophilus* of New Caledonia).

22. *flavifrons* Matthews and Naumann

Arpactophilus flavifrons Matthews and Naumann, 2002:111, ♀, ♂. Holotype: ♀, Australia: Queensland: Magnetic Island: Arcadia at 19°09'S 146°52'E (ANIC). – Matthews and Naumann, 2002:102 (in key to Australian *Arpactophilus*), 129 (nesting habits).

23. *futuna* Breitkreuz, Ohl, and Engel

Arpactophilus futuna Breitkreuz, Ohl, and Engel, 2016:24, ♀, ♂. Holotype: ♀, New Caledonia: Pinda (MNHN). – Breitkreuz, Ohl, and Engel, 2016:7 (in key to females of *Arpactophilus* of New Caledonia).

24. *fwai* Breitkreuz, Ohl, and Engel

Arpactophilus fwai Breitkreuz, Ohl, and Engel, 2016:24, ♀, ♂. Holotype: ♀, New Caledonia: Pinda (MNHN). – Breitkreuz, Ohl, and Engel, 2016:7, 8 (in key to females of *Arpactophilus* of New Caledonia).

25. *glabrellus* (R. Turner)

Austrostigmus glabrellus R. Turner, 1916a:132, ♀ Holotype or syntypes: ♀, Australia: Western Australia: Kalamunda in Darling Ranges (BMNH). – R. Turner, 1916a:130 (in key to *Austrostigmus*). – **As *Arpactophilus glabrellus***: R. Bohart and Menke, 1976:186 (new combination, in checklist of world Sphecidae); Cardale, 1985:231 (in catalog of Australian Sphecidae); Matthews and Naumann, 2002:103 (in key to Australian *Arpactophilus*).

26. *gressitti* R. Bohart

Arpactophilus gressitti R. Bohart, 1999:104, ♀. Holotype: ♀, New Caledonia: W Ponerihauen (Bishop Mus.). – Jennings, Krogmann, and Burwell, 2013:30 (in checklist of Hymenoptera of New Caledonia); Breitkreuz, Ohl, and Engel, 2016:7 (in key to females of *Arpactophilus* of New Caledonia), 57 (in revision of *Arpactophilus* of New Caledonia).

27. *haveke* Breitkreuz, Ohl, and Engel

Arpactophilus haveke Breitkreuz, Ohl, and Engel, 2016:27, ♀, ♂. Holotype: ♀, New Caledonia: Pinda (MNHN). – Breitkreuz, Ohl, and Engel, 2016:8 (in key to females of *Arpactophilus* of New Caledonia).

28. *hursti* Matthews and Naumann

Arpactophilus hursti Matthews and Naumann, 2002:122, ♀, ♂. Holotype: ♀, Australia: South Australia: Lake Gilles Conservation Park (ANIC). – Matthews and Naumann, 2002:102 (in key to Australian *Arpactophilus*).

29. *iaai* Breitkreuz, Ohl, and Engel

Arpactophilus iaai Breitkreuz, Ohl, and Engel, 2016:8, ♀, ♂. Holotype: ♀, New Caledonia: Pinda (MNHN). – Breitkreuz, Ohl, and Engel, 2016:7 (in key to females of *Arpactophilus* of New Caledonia).

30. *irwini* R. Bohart

Arpactophilus irwini R. Bohart, 1999:104, ♀, ♂. Holotype: ♀, New Caledonia: Mount Khogis 17 km north-northeast of Nouméa (MNHN). – Jennings, Krogmann, and Burwell, 2013:30 (in checklist of Hymenoptera of New Caledonia), 57 (in revision of *Arpactophilus* of New Caledonia).

31. *jawe* Breitkreuz, Ohl, and Engel

Arpactophilus jawe Breitkreuz, Ohl, and Engel, 2016:8, ♀. Holotype: ♀, New Caledonia: Pinda (MNHN). – Breitkreuz, Ohl, and Engel, 2016:8 (in key to females of *Arpactophilus* of New Caledonia)

32. *kakaduensis* Matthews and Naumann

Arpactophilus kakaduensis Matthews and Naumann, 2002:115, ♀, ♂. Holotype: ♀, Australia: Northern Territory: Kakadu National Park: Nourlangie Rock at 12°51'S 132°48' (ANIC). – Matthews and Naumann, 2002:102 (in key to Australian *Arpactophilus*), 129 (nesting habits).

33. *kohlii* (R. Turner)

Harpactophilus kohlii R. Turner, 1908:459, ♀. Syntypes: ♀, Australia: Queensland: Mackay (BMNH). – R. Turner, 1916a:129 (in key to *Harpactophilus*). – **As *Arpactophilus kohlii***: R. Bohart and Menke, 1976:186 (new combination, in checklist of world Sphecidae); Cardale, 1985:231 (in catalog of Australian Sphecidae); Matthews and Naumann, 2002:103 (in key to Australian *Arpactophilus*).

34. *kraussi* R. Bohart

Arpactophilus kraussi R. Bohart, 1999:106, ♀. Holotype: ♀, New Caledonia: Mount Khogis (Bishop Mus.). – Jennings, Krogmann, and Burwell, 2013:31 (in checklist of Hymenoptera of New Caledonia); Breitkreuz, Ohl, and Engel, 2016:8 (in key to females of *Arpactophilus* of New Caledonia), 61 (is a species of uncertain identity, tentative diagnosis given).

35. *kumak* Breitkreuz, Ohl, and Engel

Arpactophilus kumak Breitkreuz, Ohl, and Engel, 2016:30, ♀. Holotype: ♀, New Caledonia: Aoupinie top camp at 21°11'S 165°18'E (QMB). – Breitkreuz, Ohl, and Engel, 2016:7 (in key to females of *Arpactophilus* of New Caledonia)

36. *magneticus* Matthews and Naumann

Arpactophilus magneticus Matthews and Naumann, 2002:113, ♀, ♂. Holotype: ♀, Australia: Queensland: Magnetic Island: Arcadia at 19°09'S 146°52'E (ANIC). – Matthews and Naumann, 2002:102 (in key to Australian *Arpactophilus*), 128 (nesting habits).

37. *merle* Breitkreuz, Ohl, and Engel

Arpactophilus merle Breitkreuz, Ohl, and Engel, 2016:33, ♀, ♂. Holotype: ♀, New Caledonia: Pic d'Amoa, northern slopes at 20°58'S 165°17'E (QMB). – Breitkreuz, Ohl, and Engel, 2016:7 (in key to females of *Arpactophilus* of New Caledonia).

38. *mimi* Naumann

Arpactophilus sp.: Naumann, 1983:151 (Australia: Kakadu National Park; more than one female associated with single nest), corrected to *Arpactophilus mimi* by Naumann, 1988:586.

Arpactophilus mimi Naumann *in* Matthews and Naumann, 1989:586, ♀, ♂. Holotype: ♀, Australia: Northern Territory: Nourlangie Rock in Kakadu National Park at 12°51'S 132°48'E (ANIC). – Matthews and Naumann, 2002:103 (in key to Australian *Arpactophilus*); Melo, 2000:91 (use of nest by more than one female).

39. *nemi* Breitkreuz, Ohl, and Engel

Arpactophilus nemi Breitkreuz, Ohl, and Engel, 2016:35, ♀. Holotype: ♀, New Caledonia: Aoupinie top camp at 21°11'S 165°18'E (QMB). – Breitkreuz, Ohl, and Engel, 2016:8 (in key to females of *Arpactophilus* of New Caledonia).

40. *nemoralis* R. Bohart

Arpactophilus nemoralis R. Bohart, 1999:106, ♀. Holotype: ♀, New Caledonia: Sarraméa (MNHN). – Jennings, Krogmann, and Burwell, 2013:31 (in checklist of Hymenoptera of New Caledonia), 62 (is a species of uncertain identity).

41. *nengone* Breitkreuz, Ohl, and Engel

Arpactophilus nengone Breitkreuz, Ohl, and Engel, 2016:35, ♀, ♂. Holotype: ♀, New Caledonia: Mount Koghis (MNHN). -- – Breitkreuz, Ohl, and Engel, 2016:6 (in key to females of *Arpactophilus* of New Caledonia).

42. *nere* Breitkreuz, Ohl, and Engel

Arpactophilus nere Breitkreuz, Ohl, and Engel, 2016:36, Holotype: New Caledonia: junction of Dzumac road at 22°02'S 166°28'E (QMB). – Breitkreuz, Ohl, and Engel, 2016:7 (in key to females of *Arpactophilus* of New Caledonia).

43. *nigripes* R. Bohart

Arpactophilus nigripes R. Bohart, 1999:106, ♀. Holotype: ♀, New Caledonia: Heinghene (Bishop Mus.). – Jennings, Krogmann, and Burwell, 2013:31 (in checklist of Hymenoptera of New Caledonia); Breitkreuz, Ohl, and Engel, 2016:6 (in key to females of *Arpactophilus* of New Caledonia), 62 (is a species of uncertain identity, tentative diagnosis given).

44. *numee* Breitkreuz, Ohl, and Engel

Arpactophilus numee Breitkreuz, Ohl, and Engel, 2016:37, ♀. Holotype: ♀, New Caledonia: summit of Mount Do at 21°45'S 166°00'E (QMB). – Breitkreuz, Ohl, and Engel, 2016:7 (in key to females of *Arpactophilus* of New Caledonia)

45. *nyelayu* Breitkreuz, Ohl, and Engel

Arpactophilus nyelayu Breitkreuz, Ohl, and Engel, 2016:38, ♀. Holotype: ♀, New Caledonia: Forêt Nord at 22°19'S 166°55'E (QMB). – Breitkreuz, Ohl, and Engel, 2016:7 (in key to females of *Arpactophilus* of New Caledonia).

46. *orowe* Breitkreuz, Ohl, and Engel

Arpactophilus orowe Breitkreuz, Ohl, and Engel, 2016:40, ♀. Holotype: ♀, New Caledonia: Forêt Nord at 22°19'S 166°55'E (QMB). – Breitkreuz, Ohl, and Engel, 2016:7 (in key to females of *Arpactophilus* of New Caledonia).

47. *paici* Breitkreuz, Ohl, and Engel

Arpactophilus paici Breitkreuz, Ohl, and Engel, 2016:41, ♀. Holotype: ♀, New Caledonia: col d'Amieu at 21°37'S 165°49'E (QMB). – Breitkreuz, Ohl, and Engel, 2016:7 (in key to females of *Arpactophilus* of New Caledonia).

48. *papua* Menke

Arpactophilus papua Menke, 1989a:745, ♀. Holotype: ♀, Papua New Guinea: Eastern Highlands Province: Purposa 15 km southwest of Okapa (Bishop Mus.).

49. *pije* Breitkreuz, Ohl, and Engel

Arpactophilus pije Breitkreuz, Ohl, and Engel, 2016:43, ♀. Holotype: ♀, New Caledonia: pic d'Amoa at 20°58'S 165°17'E (QMB). – Breitkreuz, Ohl, and Engel, 2016:8 (in key to females of *Arpactophilus* of New Caledonia)

50. *platycephalus* Matthews and Naumann

Arpactophilus platycephalus Matthews and Naumann, 2002:108, ♀. Holotype: ♀, Australia: Queensland: Magnetic Island: Arcadia at 19°09'S 146°52'E (ANIC). – Matthews and Naumann, 2002:102 (in key to Australian *Arpactophilus*), 125 (nesting habits).

51. *preposterus* Menke

Arpactophilus preposterus Menke, 1989a:741, ♀. Holotype: ♀, Papua New Guinea: East Sepik Province: Angoram (Bishop Mus.).

52. *propodealis* R. Bohart

Arpactophilus propodealis R. Bohart, 1999:108, ♀. Holotype: ♀, New Caledonia: Mount Khogis (Bishop Mus.). – Jennings, Krogmann, and Burwell, 2013:31 (in checklist of Hymenoptera of New Caledonia); Breitkreuz, Ohl, and Engel, 2016:6 (in key to females of *Arpactophilus* of New Caledonia), 58 (in revision of *Arpactophilus* of New Caledonia).

53. *pwaamei* Breitkreuz, Ohl, and Engel

Arpactophilus pwaamei Breitkreuz, Ohl, and Engel, 2016:43, ♀. Holotype: ♀, New Caledonia: Aoupinie top camp at 21°11'S 165°18'E (QMB). – Breitkreuz, Ohl, and Engel, 2016:8 (in key to females of *Arpactophilus* of New Caledonia).

54. *pwapwa* Breitkreuz, Ohl, and Engel

Arpactophilus pwapwa Breitkreuz, Ohl, and Engel, 2016:46, ♀. Holotype: ♀, New Caledonia: Pic de Gran Kaori at 22°17'S 166°53'E (QMB). – Breitkreuz, Ohl, and Engel, 2016:7 (in key to females of *Arpactophilus* of New Caledonia).

55. *queenslandensis* (R. Turner)

Stigmus queenslandensis R. Turner, 1908:457, ♀. Holotype or syntypes: ♀, Australia: Queensland: Mackay (BMNH). – **As *Austrostigmus queenslandensis***: R. Turner, 1912f:55 (new combination), 1916a:130 (in key to *Austrostigmus*). – **As *Arpactophilus queenslandensis***: R. Bohart and Menke, 1976:186 (new combination, in checklist of world Sphecidae); Cardale, 1985:231 (in catalog of Australian Sphecidae); Matthews and Naumann, 2002:102 (in key to Australian *Arpactophilus*).

56. *reticulatus* (R. Turner)

Austrostigmus reticulatus R. Turner, 1912f:55, ♂. Holotype or syntypes: ♂, Australia: Queensland: Cairns District (BMNH). – R. Turner, 1916a:130 (in key to *Austrostigmus*). – **As *Arpactophilus reticulatus***: R. Bohart and Menke, 1976:186 (new combination, in checklist of world Sphecidae); Cardale, 1985:231 (in catalog of Australian Sphecidae);

Naumann, 1993:182 (Australia: Queensland: Heathlands area in Cape York); Matthews and Naumann, 2002:103 (in key to Australian *Arpactophilus*).

57. *rhinocerus* Menke

Arpactophilus rhinocerus Menke, 1989a:743, ♀. Holotype: ♀, Papua New Guinea: Eastern Highlands Province: Kassam Pass (AEI).

58. *ruficollis* (R. Turner)

Austrostigmus ruficollis R. Turner, 1916a:133, ♀. Holotype or syntypes: ♀, Australia: Queensland: Kuranda (BMNH). – R. Turner, 1916a:130 (in key to *Austrostigmus*). – **As *Arpactophilus ruficollis***: R. Bohart and Menke, 1976:186 (new combination, in checklist of world Sphecidae); Cardale, 1985:231 (in catalog of Australian Sphecidae); Matthews and Naumann, 2002:102 (in key to Australian *Arpactophilus*).

59. *schlingeri* R. Bohart

Arpactophilus schlingeri R. Bohart, 1999:108, ♀, ♂. Holotype: ♀, New Caledonia: Rivière Bleue Provincial Park: km 16.6 on Rivière Bleue Road (MNHN). – Jennings, Krogmann, and Burwell, 2013:31 (in checklist of Hymenoptera of New Caledonia); Breitkreuz, Ohl, and Engel, 2016:7 (in key to females of *Arpactophilus* of New Caledonia), 58 (in revision of *Arpactophilus* of New Caledonia).

60. *scutellaris* R. Bohart

Arpactophilus scutellaris R. Bohart, 1999:109, ♀. Holotype: ♀, New Caledonia: W Ponerihauen (Bishop Mus.). – Jennings, Krogmann, and Burwell, 2013:31 (in checklist of Hymenoptera of New Caledonia); Breitkreuz, Ohl, and Engel, 2016:7 (in key to females of *Arpactophilus* of New Caledonia), 58 (in revision of *Arpactophilus* of New Caledonia).

61. *similus* Matthews and Naumann

Arpactophilus similus Matthews and Naumann, 2002:110, ♀. Holotype: ♀, Australia: Northern Territory: Kakadu National Park: Nourlangie Rock at 12°51'S 132°48' (ANIC). – Matthews and Naumann, 2002:102 (in key to Australian *Arpactophilus*), 125 (nesting habits).

62. *steindachneri* Kohl

Arpactophilus steindachneri Kohl, 1884a:334, ♀ (as *Steindacheri*, incorrect original capitalization). Lectotype: ♀, Australia: no specific locality (NHMW), designated by Matthews and Naumann, 2000:103. – Evans, 1964b:251 (description of larva); Bohart and Menke, 1976:186 (in checklist of world Sphecidae); Cardale, 1985:231 (listed; as *steindacheri steindacheri*); Radović, 1985:64 (sting apparatus analyzed); Matthews and Naumann, 2002:103 (in key to Australian *Arpactophilus*). – **As *Harpactophilus steindachneri***: Dalla Torre, 1897:364 (in catalog of world Hymenoptera); R. Turner, 1908:459 (Australia: Queensland: Cairns, Cooktown, Mackay), 1916a:129 (in key to *Harpactophilus*); Dollfuss, 1989:7 (type material in NHMW).

63. *sulcatus* (R. Turner)

Harpactophilus sulcatus R. Turner, 1908:460, ♀. Holotype or syntypes: ♀, Australia: Queensland: Kuranda near Cairns (BMNH). – R. Turner, 1916a:129 (in key to *Harpactophilus*). – **As *Arpactophilus sulcatus***: R. Bohart and Menke, 1976:186 (new combination, in checklist of world Sphecidae); Cardale, 1985:231 (in catalog of Australian Sphecidae); Matthews and Naumann, 2002:103 (in key to Australian *Arpactophilus*).

64. *sylvaticus* R. Bohart

Arpactophilus sylvaticus R. Bohart, 1999:109, ♀. Holotype: ♀, New Caledonia: Mount Koghis 17 km north-northeast of Nouméa (MNHN). – Jennings, Krogmann, and Burwell, 2013:31 (in checklist of Hymenoptera of New Caledonia), 62 (is a species of uncertain identity).

65. *tayo* Breitkreuz, Ohl, and Engel

Arpactophilus tayo Breitkreuz, Ohl, and Engel, 2016:46, ♀, ♂. Holotype: ♀, New Caledonia: Mont Koghis (MNHN). – Breitkreuz, Ohl, and Engel, 2016:8 (in key to females of *Arpactophilus* of New Caledonia)

66. *termes* Matthews and Naumann

Arpactophilus termes Matthews and Naumann, 2002:120, ♀. Holotype: ♀, Australia: Northern Territory: Kakadu National Park: Nourlangie Rock at 12°51'S 132°48' (ANIC). – Matthews and Naumann, 2002:103 (in key to Australian *Arpactophilus*), 126 (nesting habits).

67. *tiri* Breitkreuz, Ohl, and Engel

Arpactophilus tiri Breitkreuz, Ohl, and Engel, 2016:47, ♀. Holotype: ♀, New Caledonia: Pic du Grand Kaori at 22°17'S 166°53'E (QMB). – Breitkreuz, Ohl, and Engel, 2016:8 (in key to females of *Arpactophilus* of New Caledonia).

68. *transversus* Matthews and Naumann

Arpactophilus transversus Matthews and Naumann, 2002:118, ♀. Holotype: ♀, Australia: Northern Territory: Kakadu National Park: Obiri Rock at 12°25'S 132°57'E (ANIC). – Matthews and Naumann, 2002:103 (in key to Australian *Arpactophilus*), 125 (nesting habits).

69. *tricolor* (R. Turner)

Harpactophilus tricolor R. Turner, 1908:462, ♀. Syntypes: ♀, Australia: Queensland: Mackay (BMNH). – R. Turner, 1916a:129 (in key to *Harpactophilus*). – **As *Arpactophilus tricolor***: R. Bohart and Menke, 1976:186 (new combination, in checklist of world Sphecidae); Cardale, 1985:232 (in catalog of Australian Sphecidae); Matthews and Naumann, 2002:102 (in key to Australian *Arpactophilus*).

70. *vamale* Breitkreuz, Ohl, and Engel

Arpactophilus vamale Breitkreuz, Ohl, and Engel, 2016:50, ♀. Holotype: ♀, New Caledonia: Mount Khogis (Bishop Mus.). – Breitkreuz, Ohl, and Engel, 2016:7 (in key to females of *Arpactophilus* of New Caledonia).

71. *webbi* R. Bohart

Arpactophilus webbi R. Bohart, 1999:109, ♀. Holotype: ♀, New Caledonia: Rivière Bleue Provincial Park: km 19.6 on Rivière Bleue Road (MNHN). – Jennings, Krogmann, and Burwell, 2013:31 (in checklist of Hymenoptera of New Caledonia); Breitkreuz, Ohl, and Engel, 2016:7 (in key to females of *Arpactophilus* of New Caledonia), 59 (in revision of *Arpactophilus* of New Caledonia).

72. *xaracuu* Breitkreuz, Ohl, and Engel

Arpactophilus xaracuu Breitkreuz, Ohl, and Engel, 2016:51, ♀. Holotype: ♀, New Caledonia: Pic du Pin at 22°15'S 166°49'E (QMB). – Breitkreuz, Ohl, and Engel, 2016:7 (in key to females of *Arpactophilus* of New Caledonia).

73. *xaragure* Breitkreuz, Ohl, and Engel

Arpactophilus xaragure Breitkreuz, Ohl, and Engel, 2016:53, ♀. Holotype: ♀, New Caledonia: col de Ho (Bishop Mus.). – Breitkreuz, Ohl, and Engel, 2016:7 (in key to females of *Arpactophilus* of New Caledonia).

74. *yuanga* Breitkreuz, Ohl, and Engel

Arpactophilus yuanga Breitkreuz, Ohl, and Engel, 2016:54, ♀. Holotype: ♀, New Caledonia: Mount Panier (Bishop Mus.). – Breitkreuz, Ohl, and Engel, 2016:8 (in key to females of *Arpactophilus* of New Caledonia).

sp.

Naumann, 1983b:151 (two species; Australia; nesting habits); Bernhardt, 1987:48 (visiting flowers of *Acacia*); Naumann, 1987:215 (*Megalyra troglodytes* Naumann, 1987, Megalyridae, is a parasite of immature stages); Naumann, 1993:182 (Australia: Queensland: Heathlands area in Cape York); Evenhuis, 2007:5 (in checklist of Hymenoptera of Fiji); Jennings, Krogmann, and Burwell, 2013:31 (in checklist of Hymenoptera of New Caledonia).