

Last updated: 28 January 2025

SERICOPHORUS

Sericophorus Shuckard, 1840:181. Nomen nudum.

Sericophorus F. Smith, 1851:32. Type species: *Sericophorus chalybeus* F. Smith, 1851, by monotypy.

Tachyrrhostus de Saussure, 1854:69. Type species: *Tachyrrhostus cyaneus* de Saussure, 1854 [= *Sericophorus chalybeus* F. Smith, 1851], designated by Pate, 1937c:63.

Zoyphium Kohl, 1893c:569, junior homonym of *Zoyphium* Agassiz, 1847, an emendation of *Zuphium* Latreille, 1806. Type species: *Zoyphium sericeum* Kohl, 1893, by monotypy.

Zoyphidium Pate, 1937c:68. Substitute name for *Zoyphium* Kohl, 1893.

Anacrucis Rayment, 1955:55. Type species: *Anacrucis laevigata* Rayment, 1966, by original designation. Synonymized with *Sericophorus* (*Zoyphidium*) by Menke in R. Bohart and Menke, 1976:44.

Prey carriage on sting: McCorquodale, 1988a.

Revision: Lomholdt and Pulawski, 2010.

1. *affinis* (Hacker and Cockerell)

Zoyphium affine Hacker and Cockerell 1922:289, ♀, ♂. Syntypes: Australia: Queensland: Brisbane (QMB). – As *Sericophorus affinis*: R. Bohart and Menke, 1976:302 (new generic assignment, in checklist of world Sphecidae); Cardale, 1985:251 (in catalog of Australian Sphecidae); Lomholdt and Pulawski, 2010:30 (in revision of world *Sericophorus*).

2. *albitarsis* Lomholdt

Sericophorus albitarsis Lomholdt in Lomholdt and Pulawski, 2010:32, ♀. Holotype: ♀, Australia: Australian Capital Territory: Canberra (MCZ).

3. *aliceae* R. Turner

Sericophorus alicae R. Turner, 1936:542, ♀, ♂. Lectotype: ♀, Western Australia: Mingenew (BMNH), designated by Pulawski in Lomholdt and Pulawski, 2010:33. – R. Bohart and Menke, 1976:302 (in checklist of world Sphecidae); Cardale, 1985:245 (in catalog of Australian Sphecidae); Lomholdt and Pulawski, 2010:33 (in revision of world *Sericophorus*).

4. *ambonensis* Pulawski

Sericophorus ambonensis Pulawski in Lomholdt and Pulawski, 2010:35, ♀. Holotype: ♀, Indonesia: Maluku Province: Island of Ambon: no specific locality (RMNH).

5. *argentifacies* Lomholdt

Sericophorus argentifacies Lomholdt in Lomholdt and Pulawski, 2010:36, ♀, ♂. Holotype: ♀, Australia: Western Australia: Geraldton (BMNH).

6. *argyreus* (Hacker and Cockerell)

Zoyphium argyreum Hacker and Cockerell, 1922:286, ♀. Holotype or syntypes: ♀, Australia: Queensland: Birkdale near Brisbane (QMB). – As *Sericophorus argyreus*: R. Bohart and Menke, 1976:302 (new generic assignment, in checklist of world Sphecidae); Cardale, 1985:251 (in catalog of Australian Sphecidae); Lomholdt and Pulawski, 2010:38 (in revision of world *Sericophorus*).

7. *arrernte* Pulawski

Sericophorus arrernte Pulawski in Lomholdt and Pulawski, 2010:39, ♀. Holotype: ♀, Australia: Northern Territory: Areyonga (AEI).

8. *asperithorax* (Rayment)

Anacrucis asperithorax Rayment, 1955a:57, ♀. Holotype: ♀, Western Australia: Bolgart (NMV). – **As *Sericophorus asperithorax***: R. Bohart and Menke, 1976:302 (new generic assignment, in checklist of world Sphecidae); Cardale, 1985:251 (in catalog of Australian Sphecidae); Lomholdt and Pulawski, 2010:41 (in revision of world *Sericophorus*).

9. *aurifrons* Lomholdt

Sericophorus aurifrons Lomholdt in Lomholdt and Pulawski, 2010:42, ♀, ♂. Holotype: ♀, Australia: Queensland: Bald Mountain area (UQIC).

10. *axillaris* Lomholdt

Sericophorus axillaris Lomholdt in Lomholdt and Pulawski, 2010:44, ♀, ♂. Holotype: ♀, Australia: South Australia: Edeowie Homestead near Wilpena Pound (USNM).

11. *barakula* Pulawski

Sericophorus barakula Pulawski in Lomholdt and Pulawski, 2010:46, ♀. Holotype: ♀, Australia: Queensland: Auburn Road at Hellhole Creek in Barakula National Forest at 26°20'S 150°42'E (QMB).

12. *bicellularis* Pulawski

Sericophorus bicellularis Pulawski in Lomholdt and Pulawski, 2010:48, ♀, ♂. Holotype: ♀, Australia: Western Australia: 36 km north of Tom Price on Hamersley Iron Road at 22°32.5'S 117°37.2'E (ANIC).

13. *bicolor* F. Smith

Sericophorus bicolor F. Smith, 1873c:405, ♀. Holotype or syntypes: ♀, Australia: Western Australia: Swan River, now Geraldton (BMNH). – Froggatt, 1892:221 (in catalog of Australian Hymenoptera); Dalla Torre, 1897:578 (in catalog of world Sphecidae); R. Turner, 1914c:351 (in revision of Australian *Sericophorus*); Rayment, 1955a:25 (in revision of Australian *Sericophorus*); R. Bohart and Menke, 1976:302 (in checklist of world Sphecidae); Cardale, 1985:245 (in catalog of Australian Sphecidae); Lomholdt and Pulawski, 2010:49 (in revision of world *Sericophorus*). – **As *Tachyrrhostus bicolor***: Kohl, 1885a:430 (new generic assignment, in checklist of world *Tachyrrhostus*).

Sericophorus brisbanensis Rayment, 1955a:26, ♂. Holotype: ♂, Australia: Queensland: Brisbane (QMB). Synonymized with *Sericophorus bicolor* by Lomholdt in Lomholdt and Pulawski, 2010:49. – R. Bohart and Menke, 1976:302 (in checklist of world Sphecidae); Cardale, 1985:245 (in catalog of Australian Sphecidae).

Sericophorus castaneus Rayment, 1955a:27, ♀. Holotype: ♀, Australia: Queensland: Brisbane (QMB). Synonymized with *Sericophorus bicolor* by Lomholdt in Lomholdt and Pulawski, 2010:49. – R. Bohart and Menke, 1976:302 (in checklist of world Sphecidae); Cardale, 1985:245 (in catalog of Australian Sphecidae).

Sericophorus hackeri Rayment, 1955a:34, ♂, junior secondary homonym of *Sericophorus hackeri* (Cockerell, 1932). Holotype: ♂, Australia: Queensland: Brisbane (QMB). Synonymized with *Sericophorus bicolor* by Lomholdt in Lomholdt and Pulawski, 2010:50.

Sericophorus cockerelli Menke in R. Bohart and Menke, 1976:302. Substitute name for *Sericophorus hackeri* Rayment, 1955. Synonymized with *Sericophorus bicolor* by Lomholdt in Lomholdt and Pulawski, 2010:50. – Cardale, 1985:246 (in catalog of Australian Sphecidae).

14. *cardaleae* Lomholdt

Sericophorus cardaleae Lomholdt in Lomholdt and Pulawski, 2010:52, ♀, ♂. Holotype: ♀, Australia: Northern Territory: Cooper Creek 19 km southeast of Mount Borradaile at 12°06'S 133°04'E (ANIC).

15. *centralis* Pulawski

Sericophorus centralis Pulawski in Lomholdt and Pulawski, 2010:229, ♀. Holotype: ♀, Australia: Northern Territory: 14 mi. south of Kulgera at 25°00'S 133°11.5'E (CAS).

16. *chalybeus* F. Smith

Sericophorus chalybeus F. Smith, 1851a:32, ♀. Holotype: ♀, New Holland, now Australia: no specific locality (BMNH). – F. Smith, 1856:356 (in catalog of Hymenoptera in British Museum); Froggatt, 1892:221 (in catalog of Australian Hymenoptera); Dalla Torre, 1897:578 (in catalog of world Sphecidae); R. Turner, 1914c:348 (in revision of Australian *Sericophorus*, as *chalybaeus*), 1915b:552 (Tasmania: Eaglehawk Neck, as *chalybaeus*); Rayment, 1955a:27 (in revision of Australian *Sericophorus*, as *chalybaeus*, as stat. n.), 1955b:139 (nesting habits); R. Bohart and Menke, 1976:302 (in checklist of world Sphecidae); Cardale, 1985:246 (in catalog of Australian Sphecidae); K. Walker, Naumann, Austin, Taylor, and Cardale, 1992:48 (in catalog of insects of Tasmania); Lomholdt and Pulawski, 2010:54 (in revision of world *Sericophorus*). – **As *Tachyrrhostus chalybeus***: Kohl, 1885a:430 (new generic assignment, in checklist of world *Tachyrrhostus*).

Tachyrrhostus cyaneus de Saussure, 1854:26, ♀. Holotype or syntypes: ♀, New Holland, now Australia: no specific locality (MHNG). Synonymized with *Sericophorus chalybeus* by F. Smith, 1856:356. – **As *Sericophorus cyaneus***: de Saussure, 1863:69 (new generic assignment); W. Schulz, 1911b:183 (redescription).

Sericophorus inornatus Rayment, 1955a:34, ♀. Holotype: ♀, Australia: given as Queensland, but actually Tasmania: Wynyard (QMB). Synonymized with *Sericophorus chalybeus* by Lomholdt in Lomholdt and Pulawski, 2010:54. – R. Bohart and Menke, 1976:302 (in checklist of world Sphecidae); Cardale, 1985:247 (in catalog of Australian Sphecidae); K. Walker, Naumann, Austin, Taylor, and Cardale, 1992:48 (in catalog of insects of Tasmania).

Sericophorus lilacinus Rayment, 1955a:35, ♀. Holotype: ♀, Australia: given as Queensland, but actually Tasmania: Wynyard (QMB). Synonymized with *Sericophorus chalybeus* by Lomholdt in Lomholdt and Pulawski, 2010:54. – R. Bohart and Menke, 1976:302 (in checklist of world Sphecidae); Cardale, 1985:247 (in catalog of Australian Sphecidae).

Sericophorus rufipes Rayment, 1955a:47, ♀, junior secondary homonym of *Sericophorus rufipes* (Rohwer, 1911). Holotype: ♀, Australia: Tasmania: no specific locality (South Australian Museum).

Sericophorus sculpturatus Rayment, 1955b:134, ♂. Holotype: ♂, Western Australia: Busselton (ANIC). Synonymized with *Sericophorus chalybeus* by Lomholdt in Lomholdt and Pulawski, 2010:54. – R. Bohart and Menke, 1976:302 (in checklist of world Sphecidae); Cardale, 1985:249 (in catalog of Australian Sphecidae); Piek and Spanjer, 1986:189 (in list of Sphecidae with known prey).

Sericophorus subviridis Rayment, 1955a:49, ♀. Holotype: ♀, Australia: Victoria: Victoria Valley (NMV). Synonymized with *Sericophorus chalybeus* by Lomholdt in Lomholdt and Pulawski, 2010:54. – R. Bohart and Menke, 1976:302 (in checklist of world Sphecidae); Cardale, 1985:249 (in catalog of Australian Sphecidae).

Sericophorus sydneyi Rayment, 1955a:50, ♀. Holotype: ♀, Western Australia: Bolgart (NMV). Synonymized with *Sericophorus chalybeus* by Lomholdt in Lomholdt and Pulawski, 2010:55. – Rayment, 1955a:64 (nesting habits); R. Bohart and Menke, 1976:302 (in checklist of world Sphecidae); Cardale, 1985:250 (in catalog of Australian Sphecidae).

Sericophorus victoriensis Rayment, 1955a:52, ♀. Holotype: ♀, Australia: Victoria: Portland (NMV). Synonymized with *Sericophorus chalybeus* by Lomholdt in Lomholdt and Pulawski, 2010:55. – Rayment, 1955b:134 (description of ♂), 135 (nesting habits.); R. Bohart and Menke, 1976:302 (in checklist of world Sphecidae); Cardale, 1985:250 (in catalog of Australian Sphecidae).

Sericophorus raymenti Menke in R. Bohart and Menke, 1976:302. Substitute name for *Sericophorus rufipes* Rayment, 1955. Synonymized with *Sericophorus chalybeus* by Lomholdt in Lomholdt and Pulawski, 2010:55. – Cardale, 1985:248 (in catalog of Australian Sphecidae); K. Walker, Naumann, Austin, Taylor, and Cardale, 1992:48 (in catalog of insects of Tasmania).

17. *chrysophorus* Pulawski

Sericophorus chrysophorus Pulawski in Lomholdt and Pulawski, 2010:57, ♀, ♂. Holotype: ♀, Australia: Western Australia: Mardie Station 28 km east of Forescue Roadhouse at 21°11.3'S 115°58.5'E (ANIC).

18. *cliffordi* Rayment

Sericophorus cliffordi Rayment, 1955a:30, ♀. Holotype: ♀, Australia: Victoria: Gorae West (NMV). – R. Bohart and Menke, 1976:302 (in checklist of world Sphecidae); Cardale, 1985:246 (in catalog of Australian Sphecidae); Lomholdt and Pulawski, 2010:60 (in revision of world *Sericophorus*).

Sericophorus cyanophilus Rayment, 1955a:31, ♀. Holotype: ♀, Australia: Queensland: Stanthorpe (QMB). Synonymized with *Sericophorus cliffordi* by Lomholdt in Lomholdt and Pulawski, 2010:60. – R. Bohart and Menke, 1976:302 (in checklist of world Sphecidae); Cardale, 1985:247 (in catalog of Australian Sphecidae).

Sericophorus chalybaeus [sic] *fulleri* Rayment, 1955a:29, ♀. Holotype or syntypes: ♀, Australia: Australian Capital Territory: Blundells 20 mi. west of Canberra (ANIC). Synonymized with *Sericophorus cliffordi* by Lomholdt in Lomholdt and Pulawski, 2010:60. – R. Bohart and Menke, 1976:302 (in checklist of world Sphecidae); Cardale, 1985:246 (in catalog of Australian Sphecidae).

Sericophorus gracilis Rayment, 1955a:33, ♀. Holotype: ♀, Australia: Queensland: Glen Aplin (NMV). Synonymized with *Sericophorus cliffordi* by Lomholdt in Lomholdt and Pulawski, 2010:60. – R. Bohart and Menke, 1976:302 (in checklist of world Sphecidae); Cardale, 1985:247 (in catalog of Australian Sphecidae).

Sericophorus rufotibialis Rayment, 1955a:47, ♂. Holotype: ♂, Australia: Australia Capital Territory: Blundells 20 mi. west of Canberra (ANIC). Synonymized with *Sericophorus cliffordi* by Lomholdt in Lomholdt and Pulawski, 2010:60. – R. Bohart and Menke, 1976:302 (in checklist of world Sphecidae); Cardale, 1985:249 (in catalog of Australian Sphecidae).

19. *clypeatus* (Rayment)

Anacrusis clypeata Rayment, 1955a:58, ♀. Holotype: ♀, Australia: Victoria: South Yarra (NMV). – **As *Sericophorus clypeatus***: R. Bohart and Menke, 1976:303 (new generic assignment, in checklist of world Sphecidae); Cardale, 1985:251 (in catalog of Australian Sphecidae); Lomholdt and Pulawski, 2010:62 (in revision of world *Sericophorus*).

20. *collaris* (Hacker and Cockerell)

Zoyphium collare Hacker and Cockerell, 1922:287, ♀. Holotype or syntypes: ♀, Australia: Queensland: Birkdale near Brisbane (QMB). – **As *Sericophorus collaris***: R. Bohart and Menke, 1976:302 (new generic assignment, in checklist of world Sphecidae); Cardale, 1985:251 (in catalog of Australian Sphecidae); Lomholdt and Pulawski, 2010:64 (in revision of world *Sericophorus*).

21. *confusus* Lomholdt

Sericophorus confusus Lomholdt in Lomholdt and Pulawski, 2010:65, ♀, ♂. Holotype: ♀, Australia: Queensland: Kuranda (BMNH).

22. *cornutus* Lomholdt

Sericophorus cornutus Lomholdt in Lomholdt and Pulawski, 2010:67, ♀. Holotype: ♀, Australia: South Australia: no specific locality (South Australian Museum).

23. *crassicornis* (Cockerell)

Zoyphium crassicornis Cockerell, 1914b:271, ♂. Holotype: ♂, Australia: Queensland: Brisbane (QMB). – R. Turner, 1914c:358 (in revision of Australian *Zoyphium*); Hacker and Cockerell, 1922:285 (description of ♀). – **As *Sericophorus crassicornis***: R. Bohart and Menke, 1976:302 (new generic assignment, in checklist of world Sphecidae); Cardale, 1985:251 (in catalog of Australian Sphecidae); Lomholdt and Pulawski, 2010:68 (in revision of world *Sericophorus*).

24. *deserticola* Pulawski

Sericophorus deserticola Pulawski in Lomholdt and Pulawski, 2010:71, ♀. Holotype: ♀, Australia: South Australia: 14 km west–northwest of Renmark at 34°07'S 140°37'E (ANIC).

25. *dipteroides* R. Turner

Sericophorus dipteroides R. Turner, 1907:275, ♀. Holotype: ♀, Australia: Queensland: Cairns (BMNH). – R. Bohart and Menke, 1976:302 (in checklist of world Sphecidae); Cardale, 1985:252 (in catalog of Australian Sphecidae); Lomholdt and Pulawski, 2010:73 (in revision of world *Sericophorus*, description of ♂). – **As *Zoyphium dipteroides***: R. Turner, 1912f:60 (new generic assignment), 1914c:354 (in revision of Australian *Zoyphium*).

Zoyphium hackeri Cockerell, 1932:117, ♀. Holotype: ♀, Australia: Queensland: Kuranda (QMB). Synonymized with *Sericophorus dipteroides* by Lomholdt in Lomholdt and Pulawski, 2010:73. – **As *Sericophorus hackeri***: R. Bohart and Menke, 1976:303 (new generic assignment, in checklist of world Sphecidae); Cardale, 1985:252 (in catalog of Australian Sphecidae).

26. *doddi* (R. Turner)

Zoyphium doddi R. Turner, 1912f:59, ♂. Holotype: ♂, Australia: Queensland: Cairns (BMNH). – R. Turner, 1914c:357 (in revision of Australian *Zoyphium*). – **As *Sericophorus doddi***: R. Bohart and Menke, 1976:303 (new generic assignment, in checklist of world Sphecidae); Cardale, 1985:252 (in catalog of Australian Sphecidae); Lomholdt and Pulawski, 2010:74 (in revision of world *Sericophorus*, description of ♀).

27. *emarginatus* (Hacker and Cockerell)

Zoyphium emarginatum Hacker and Cockerell, 1922:285, ♀, ♂. Lectotype: ♀, Australia: Queensland: Brisbane (QMB), designated by Lomholdt in Lomholdt and Pulawski, 2010:76. – **As *Sericophorus emarginatus***: R. Bohart and Menke, 1976:303 (new generic assignment, in checklist of world Sphecidae); Cardale, 1985:252 (in catalog of Australian Sphecidae); Lomholdt and Pulawski, 2010:78 (in revision of world *Sericophorus*).

28. *erythrosoma* (R. Turner)

Zoyphium erythrosoma R. Turner, 1908:493, ♀, ♂. Lectotype: ♀, Australia: Queensland: Townsville (BMNH), designated by Lomholdt in Lomholdt and Pulawski, 2010:78. – R. Turner, 1914c:355 (in revision of Australian *Zoyphium*). – **As *Sericophorus erythrosoma***: R. Bohart and Menke, 1976:303 (new generic assignment, in checklist of world Sphecidae); Cardale, 1985:252 (in catalog of Australian Sphecidae); Lomholdt and Pulawski, 2010:78 (in revision of world *Sericophorus*).

29. *evansi* Lomholdt

Sericophorus evansi Lomholdt in Lomholdt and Pulawski, 2010:80, ♀, ♂. Holotype: ♀, Australia: Queensland: Cooktown (ANIC).

30. *fissus* Lomholdt

Sericophorus fissus Lomholdt in Lomholdt and Pulawski, 2010:82, ♀, ♂. Holotype: ♀, Australia: New South Wales: 25 km east of Tibooburra (ANIC).

31. *flavipes* Pulawski

Sericophorus flavipes Pulawski in Lomholdt and Pulawski, 2010:84, ♀, ♂. Holotype: ♀, Australia: Queensland: Hann River at 15°11'S 143°52'E (ANIC).

32. *flavofasciatus* (R. Turner)

Zoyphium flavofasciatum R. Turner, 1916a:126, ♂. Holotype: ♂, Australia: Queensland: Brisbane (BMNH). – Hacker and Cockerell, 1922:285 (description of ♀). – **As *Sericophorus flavofasciatus***: R. Bohart and Menke, 1976:303 (new generic assignment, in checklist of world Sphecidae); Cardale, 1985:252 (in catalog of Australian Sphecidae); Lomholdt and Pulawski, 2010:86 (in revision of world *Sericophorus*).

33. *flavorufoniger* Pulawski

Sericophorus flavorufoniger Pulawski in Lomholdt and Pulawski, 2010:89, ♀, ♂. Holotype: ♀, Australia: Northern Territory: Gregory National Park at 16°06.6'S 130°27.7'E (ANIC).

34. *froggatti* Rayment

Sericophorus froggatti Rayment, 1955a:33, ♀. Holotype: ♀, Australia: New South Wales: Mittagong (Orange Agricultural Institute, Orange, New South Wales, Australia). – R. Bohart and Menke, 1976:302 (in checklist of world Sphecidae); Cardale, 1985:247 (in catalog of Australian Sphecidae); Lomholdt and Pulawski, 2010:90 (in revision of world *Sericophorus*, description of ♂).

Sericophorus pescotti Rayment, 1955a:39, ♀. Holotype: ♀, Australia: Victoria: Sandringham (NMV), synonymized with *Sericophorus froggatti* by Lomholdt in Lomholdt and Pulawski, 2010:90. – Rayment, 1955a:64 (nesting habits, prey); R. Bohart and Menke, 1976:302 (in checklist of world Sphecidae); Cardale, 1985:248 (in catalog of Australian Sphecidae).

Anacrucis punctuosa Rayment, 1955a:59, ♀. Holotype: ♀, Australia: Western Australia: Nedlands (ANIC), synonymized with *Sericophorus froggatti* by Pulawski in Lomholdt and Pulawski, 2010:90. – **As *Sericophorus punctuosus***: R. Bohart and Menke, 1976:303 (new generic assignment, in checklist of world Sphecidae); Cardale, 1985:253 (in catalog of Australian Sphecidae); Lomholdt and Pulawski, 2010:78 (in revision of world *Sericophorus*).

35. *frontalis* (R. Turner)

Zoyphium frontale R. Turner, 1908:496, ♀. Holotype: ♀, Australia: Queensland: Mackay (BMNH). – R. Turner, 1914c:358 (in revision of Australian *Zoyphium*). – **As *Sericophorus frontalis***: R. Bohart and Menke, 1976:303 (new generic assignment, in checklist of world Sphecidae); Cardale, 1985:252 (in catalog of Australian Sphecidae); Lomholdt and Pulawski, 2010:95 (in revision of world *Sericophorus*).

36. *funebis* R. Turner

Sericophorus funebis R. Turner, 1907:276, ♀. Holotype or syntypes: ♀, Australia: Queensland: Mackay (BMNH). – R. Bohart and Menke, 1976:302 (in checklist of world Sphecidae); Cardale, 1985:247 (in catalog of Australian Sphecidae); Lomholdt and Pulawski, 2010:97 (in revision of world *Sericophorus*, description of ♂). – **As *Zoyphium funebre***: R. Turner, 1912f:60 (new generic assignment, as *funebis*), 1914c:355 (in revision of Australian *Zoyphium*).

Zoyphium humile Cockerell, 1932:117, ♀. Holotype or syntypes: ♀: Australia: Queensland: Bribie Island (QMB). Synonymized with *Sericophorus funebis* by Lomholdt in Lomholdt and Pulawski, 2010:97. – **As *Sericophorus humilis***: R. Bohart and Menke, 1976:303 (new generic assignment, in checklist of world Sphecidae); Cardale, 1985:253 (in catalog of Australian Sphecidae).

37. *genalis* Pulawski

Sericophorus genalis Pulawski in Lomholdt and Pulawski, 2010:99, ♀, ♂. Holotype: ♀, Australia: Queensland: Hann River at 15°11'S 143°52'E (ANIC).

38. *glaucus* Pulawski

Sericophorus glaucus Pulawski in Lomholdt and Pulawski, 2010:102, ♀, ♂. Holotype: ♀, Australia: Western Australia: 158 km south of Newman (= 9 km north of Kumarina Roadhouse) at 24°37.8'S 119°36.8'E (ANIC).

39. *glossatus* Lomholdt

Sericophorus glossatus Lomholdt in Lomholdt and Pulawski, 2010:103, ♀, ♂. Holotype: ♀, Australia: Western Australia: West Kimberley: 8 km south of Cape Bertholet at 17°19'S 122°10'E (ANIC).

40. *glyptus* Pulawski

Sericophorus glyptus Pulawski in Lomholdt and Pulawski, 2010:105, ♀, ♂. Holotype: ♀, Australia: Northern Territory: Keep River National Park at 15°54'55"S 129°04'11"E (ANIC).

41. halli Lomholdt

Sericophorus halli Lomholdt in Lomholdt and Pulawski, 2010:107, ♂. Holotype: ♂, Papua New Guinea: Morobe Province: Nadzab at 6°35'S 146°46'E (USNM).

42. houstoni Lomholdt

Sericophorus houstoni Lomholdt in Lomholdt and Pulawski, 2010:109, ♀, ♂. Holotype: ♀, Australia: Western Australia: Tutanning Reserve 18-25 km east of Pingelly (WAMP).

43. iridipennis (R. Turner)

Zoyphium iridipenne R. Turner, 1914c:356, ♀. Lectotype: ♀, Australia: Tasmania: Eaglehawk Neck (BMNH), designated by Lomholdt in Lomholdt and Pulawski, 2010:111. – R. Turner, 1915b:552 (Tasmania: Eaglehawk Neck). – **As *Sericophorus iridipennis***: R. Bohart and Menke, 1976:303 (new generic assignment, in checklist of world Sphecidae); Cardale, 1985:253 (in catalog of Australian Sphecidae); K. Walker, Naumann, Austin, Taylor, and Cardale, 1992:48 (in catalog of insects of Tasmania); Lomholdt and Pulawski, 2010:111 (in revision of world *Sericophorus*, description of ♂).

Zoyphium fuscipenne Hacker and Cockerell, 1922:289, ♀. Holotype: ♀, Australia: Tasmania: Wedge Island (QMB). Synonymized with *Sericophorus iridipenne* by Lomholdt in Lomholdt and Pulawski, 2010:111. – **As *Sericophorus fuscipennis***: R. Bohart and Menke, 1976:303 (new generic assignment, in checklist of world Sphecidae); Cardale, 1985:252 (in catalog of Australian Sphecidae); K. Walker, Naumann, Austin, Taylor, and Cardale, 1992:48 (in catalog of insects of Tasmania).

44. karrathensis Pulawski

Sericophorus karrathensis Pulawski in Lomholdt and Pulawski, 2010:113, ♀. Holotype: ♀, Australia: Western Australia: Karratha at 20°44.4'S 116°50.2'E (ANIC).

45. kohlii (R. Turner)

Zoyphium kohlii R. Turner, 1908:495, ♀. Holotype: ♀, Australia: Queensland: Mackay (BMNH). – R. Turner, 1914c:357 (in revision of Australian *Zoyphium*). – **As *Sericophorus kohlii***: R. Bohart and Menke, 1976:303 (new generic assignment, in checklist of world Sphecidae); Cardale, 1985:253 (in catalog of Australian Sphecidae); Lomholdt and Pulawski, 2010:115 (in revision of world *Sericophorus*, description of ♂).

46. kurandae Pulawski

Sericophorus kurandae Pulawski in Lomholdt and Pulawski, 2010:232, ♀. Holotype: ♀, Australia: Queensland: Kuranda at 16°49'S 145°38'E (BMNH).

47. laevigatus (Rayment)

Anacrucis laevigata Rayment, 1955a:56, ♀. Holotype or syntypes: ♀, Australia: Victoria: Frankston (NMV). – **As *Sericophorus laevigatus***: R. Bohart and Menke, 1976:303 (new generic assignment, in checklist of world Sphecidae); Cardale, 1985:253 (in catalog of Australian Sphecidae); Lomholdt and Pulawski, 2010:116 (in revision of world *Sericophorus*, description of ♂).

48. laticeps Lomholdt

Sericophorus laticeps Lomholdt in Lomholdt and Pulawski, 2010:118, ♀. Holotype: ♀, Australia: Northern Territory: 11 mi. south of Katherine (UQIC).

49. lissonotus Lomholdt

Sericophorus lissonotus Lomholdt in Lomholdt and Pulawski, 2010:119, ♀. Holotype: ♀, Australia: Western Australia: Nilemah Station 50 mi. south of Denham (MCZ).

50. littoralis Rayment

Sericophorus littoralis Rayment, 1955a:35, ♀. Holotype: ♀, South Australia: Ardrossan (South Australian Mus.). – R. Bohart and Menke, 1976:302 (in checklist of world Sphecidae); Cardale, 1985:247 (in catalog of Australian Sphecidae); Lomholdt and Pulawski, 2010:120 (in revision of world *Sericophorus*, description of ♂).

51. maculatus Pulawski

Sericophorus maculatus Pulawski in Lomholdt and Pulawski, 2010:122, ♀. Holotype: ♀, Australia: Queensland: 13 km southeast of Weipa at 12°40'S 143°00'E (ANIC).

52. mandibularis Lomholdt

Sericophorus mandibularis Lomholdt in Lomholdt and Pulawski, 2010:124, ♂. Holotype: ♂, Australia: Northern Territory: 19 km northeast of Mount Cahill in Kakadu National Park at 12°50'S 132°52'E (ANIC).

53. mesopleuralis Pulawski

Sericophorus mesopleuralis Pulawski in Lomholdt and Pulawski, 2010:125, ♀. Holotype: ♀, Australia: Western Australia: 158 km south of Newman (= 9 km north of Kumarina Roadhouse) at 24°37.8'S 119°36.8'E (ANIC).

54. metallescens Rayment

Sericophorus metallescens Rayment, 1955a:36, ♂. Holotype: ♂, Australia: New South Wales: Fraser Park (NMV). – R. Bohart and Menke, 1976:302 (in checklist of world Sphecidae); Cardale, 1985:247 (in catalog of Australian Sphecidae); Lomholdt and Pulawski, 2010:127 (in revision of world *Sericophorus*, description of ♀).

Sericophorus patongensis Rayment, 1955a:39, ♀. Holotype: ♀, Australia: New South Wales: Patonga (AMS). Synonymized with *Sericophorus metallescens* by Lomholdt in Lomholdt and Pulawski, 2010:127. – R. Bohart and Menke, 1976:302 (in checklist of world Sphecidae); Cardale, 1985:248 (in catalog of Australian Sphecidae).

Sericophorus rugosus Rayment, 1955a:48, ♀. Holotype: ♀, Australia: Queensland: Brisbane (QMB). Synonymized with *Sericophorus metallescens* by Lomholdt in Lomholdt and Pulawski, 2010:127. – R. Bohart and Menke, 1976:302 (in checklist of world Sphecidae); Cardale, 1985:249 (in catalog of Australian Sphecidae).

55. mimus Pulawski

Sericophorus mimus Pulawski in Lomholdt and Pulawski, 2010:128, ♀, ♂. Holotype: ♀, Australia: Western Australia: 158 km south of Newman (= 9 km north of Kumarina Roadhouse) at 24°37.8'S 119°36.8'E (ANIC).

56. minutus Rayment

Sericophorus minutus Rayment, 1955a:37, ♂. Holotype: ♂, Australia: New South Wales: 20 mi. southeast of Bourke (ANIC). – R. Bohart and Menke, 1976:302 (in checklist of world Sphecidae); Cardale, 1985:248 (in catalog of Australian Sphecidae); Lomholdt and Pulawski, 2010:131 (in revision of world *Sericophorus*).

57. minys Pulawski

Sericophorus minys Pulawski in Lomholdt and Pulawski, 2010:132, ♂. Holotype: ♂, Australia: Western Australia: 22 km north of Bullfinch at 30°59'S 119°06'E (WAMP).

58. multipictus Pulawski

Sericophorus multipictus Pulawski in Lomholdt and Pulawski, 2010:133, ♀, ♂. Holotype: ♀, Australia: Queensland: Cockatoo Creek crossing 17 km northwest of Heathlands at 11°39'S 142°27'E (ANIC).

59. nasicornis Lomholdt

Sericophorus nasicornis Lomholdt in Lomholdt and Pulawski, 2010:136, ♀. Holotype: ♀, Australia: Northern Territory: 16 km northeast of Mount Cahill in Kakadu National Park at 12°50'S 132°51'E (ANIC).

60. nasutus Pulawski

Sericophorus nasutus Pulawski in Lomholdt and Pulawski, 2010:138, ♀. Holotype: ♀, Australia: New South Wales: Shoalhaven River via Braidwood (ANIC).

61. niger (Hacker and Cockerell)

Zoyphium nigrum Hacker and Cockerell, 1922:286, ♀, ♂. Lectotype: ♂, Australia: Queensland: Brisbane (QMB), designated by Lomholdt in Lomholdt and Pulawski, 2010:139. – **As *Sericophorus niger***: R. Bohart and Menke, 1976:303 (new generic assignment, in checklist of world Sphecidae); Cardale, 1985:253 (in catalog of Australian Sphecidae); Lomholdt and Pulawski, 2010:139 (in revision of world *Sericophorus*).

62. nigrescens Lomholdt

Sericophorus nigrescens Lomholdt in Lomholdt and Pulawski, 2010:141, ♀. Holotype: ♀, Australia: New South Wales: Kiandra (ANIC).

63. nigripes Lomholdt

Sericophorus nigripes Lomholdt in Lomholdt and Pulawski, 2010:142, ♀, ♂. Holotype: ♀, Australia: Western Australia: Goongarrie at 29°55'S 121°08'E (WAMP).

64. nigror Rayment

Sericophorus nigror Rayment, 1955a:37, ♀. Holotype: ♀, South Australia: Lucindale (South Australian Museum). – R. Bohart and Menke, 1976:302 (in checklist of world Sphecidae); Cardale, 1985:248 (in catalog of Australian Sphecidae); Lomholdt and Pulawski, 2010:144 (in revision of world *Sericophorus*, description of ♂).

65. nitidus Pulawski

Sericophorus nitidus Pulawski in Lomholdt and Pulawski, 2010:147, ♀. Holotype: ♀, Australia: Western Australia: 30 mi. east of Merredin (CAS).

66. niveifrons Rayment

Sericophorus niveifrons Rayment, 1955a:38, ♀. Holotype: ♀, Australia: Queensland: 5 mi north of Nocatunga (ANIC). – R. Bohart and Menke, 1976:302 (in checklist of world Sphecidae); Cardale, 1985:248 (in catalog of Australian Sphecidae); Lomholdt and Pulawski, 2010:148 (in revision of world *Sericophorus*, description of ♂).

67. ornatus (Hacker and Cockerell)

Zoyphium ornatum Hacker and Cockerell, 1922:287, ♀, ♂. Lectotype: ♀, Australia: Queensland: Birkdale near Brisbane (QMB), designated by Lomholdt in Lomholdt and Pulawski, 2010:150. – **As *Sericophorus ornatus***: R. Bohart and Menke, 1976:303 (new generic assignment, in checklist of world Sphecidae); Cardale, 1985:253 (in catalog of Australian Sphecidae); Lomholdt and Pulawski, 2010:150 (in revision of world *Sericophorus*).

68. papuanus Pulawski

Sericophorus papuanus Pulawski in Lomholdt and Pulawski, 2010:152, ♀. Holotype: ♀, Papua New Guinea: Morobe Province: Bulolo (AEI).

69. pectinatus Lomholdt

Sericophorus pectinatus Lomholdt in Lomholdt and Pulawski, 2010:153, ♀. Holotype: ♀, Australia: Western Australia: 17 km west–northwest of Balladonia Roadhouse at 32°17'S 123°28'E (ANIC).

70. politus Lomholdt

Sericophorus politus Lomholdt in Lomholdt and Pulawski, 2010:156, ♀. Holotype: ♀, Australia: Western Australia: Carnarvon area (ANIC).

71. *protrudens* Lomholdt

Sericophorus protrudens Lomholdt in Lomholdt and Pulawski, 2010:158, ♀. Holotype: ♀, Australia: Western Australia: Merredin (BMNH).

72. *pulawskii* Ohl

Sericophorus pulawskii Ohl, 2009b:28, ♀. Holotype: ♀, New Caledonia: Forêt Nord at 22°19'S 165°55'E (QMB). – Lomholdt and Pulawski, 2010:160 (in revision of world *Sericophorus*); Jennings, Krogmann, and Burwell, 2013:31 (in checklist of Hymenoptera of New Caledonia).

73. *punctum* Lomholdt

Sericophorus punctum Lomholdt in Lomholdt and Pulawski, 2010:162, ♂. Holotype: ♂, Australia: South Australia: Mount Davies in Tomkinson Range (USNM).

74. *pusillus* (Hacker and Cockerell)

Zoyphium pusillum Hacker and Cockerell, 1922:288, ♂. Holotype or syntypes: Australia: Queensland: Brisbane (QMB). – **As *Sericophorus pusillus***: R. Bohart and Menke, 1976:303 (new generic assignment, in checklist of world Sphecidae); Cardale, 1985:253 (in catalog of Australian Sphecidae); Lomholdt and Pulawski, 2010:163 (in revision of world *Sericophorus*, description of ♀).

75. *relucens* F. Smith

Sericophorus relucens F. Smith, 1856:357, ♀. Holotype or syntypes: ♀, Australia: South Australia: Adelaide (BMNH). – Froggatt, 1892:221 (in catalog of Australian Hymenoptera); Dalla Torre, 1897:578 (in catalog of world Sphecidae); R. Turner, 1914c:350 (in revision of Australian *Sericophorus*, description of ♂); Rayment, 1955a:41 (in revision of Australian *Sericophorus*); Riek, 1970:943 (in Insect Fauna of Australia); Matthews and Evans, 1971:427 (nesting habits); R. Bohart and Menke, 1976:302 (in checklist of world Sphecidae); Cardale, 1985:248 (in catalog of Australian Sphecidae); McCorquodale, 1988a:121 (prey, *Musca vetustissima* Walker, carried impaled on sting); McCorquodale and Thomson, 1989:95 (citation of Matthews and Evans, 1971); Radović and Sušić, 1997:537 (sting structure); Lomholdt and Pulawski, 2010:165 (in revision of world *Sericophorus*).

Zoyphidium rufipes Rohwer, 1911b:585, ♀. Holotype: ♀, Australia: Queensland: Duaringa (USNM). Synonymized with *Sericophorus relucens* by Lomholdt in Lomholdt and Pulawski, 2010:165. – **As questionable synonym of *Sericophorus relucens***: R. Turner, 1914c:350; R. Bohart and Menke, 1976:302.

Sericophorus carinatus Rayment, 1955a:26, ♀. Holotype: ♀, Australia: Victoria: Sandringham (NMV). Synonymized with *Sericophorus relucens* by Lomholdt in Lomholdt and Pulawski, 2010:166. – R. Bohart and Menke, 1976:302 (in checklist of world Sphecidae); Cardale, 1985:245 (in catalog of Australian Sphecidae).

Sericophorus relucens nigricornis Rayment, 1955a:43, ♀. Lectotype: ♀, Australia: Queensland: 25 mi. east of Durham Downs (ANIC), designated by Lomholdt in Lomholdt and Pulawski, 2010:166. Synonymized with *Sericophorus relucens* by Lomholdt in Lomholdt and Pulawski, 2010:166. – R. Bohart and Menke, 1976:302 (in checklist of world Sphecidae); Cardale, 1985:249 (in catalog of Australian Sphecidae).

Sericophorus relucens ruficornis Rayment, 1955a:44, ♀. Holotype: ♀, Australia: central Australia: Tennants Creek (South Australian Museum). Synonymized with *Sericophorus relucens* by Lomholdt in Lomholdt and Pulawski, 2010:166. – R. Bohart and Menke, 1976:302 (in checklist of world Sphecidae); Cardale, 1985:249 (in catalog of Australian Sphecidae).

Sericophorus rufobasalis Rayment, 1955a:46, ♂. Holotype: ♂, Australia: Queensland: Brisbane (QMB, now lost). Neotype: Queensland: Cairns (South Australian Museum), designated by Pulawski in Lomholdt and Pulawski, 2010:166. Synonymized with *Sericophorus relucens* by Lomholdt in Lomholdt and Pulawski, 2010:166. – R. Bohart and Menke, 1976:302 (in checklist of world Sphecidae); Cardale, 1985:249 (in catalog of Australian Sphecidae).

76. rhamphigaster Menke

Sericophorus rhamphigaster Menke, 1989b:459, ♀. Holotype: ♀, Papua New Guinea: Western Highlands: Baiyer River (AEI). – Lomholdt and Pulawski, 2010:173 (in revision of world *Sericophorus*).

77. rhinoceros Pulawski

Sericophorus rhinoceros Pulawski, 1989a:319, ♀. Holotype: ♀, New Caledonia: Mount Koghi (Bishop Mus.). – Ohl, 2009:30 (locality records), 31 (photograph); Lomholdt and Pulawski, 2010:175 (in revision of world *Sericophorus*); Jennings, Krogmann, and Burwell, 2013:31 (in checklist of Hymenoptera of New Caledonia).

78. riparius Pulawski

Sericophorus riparius Pulawski in Lomholdt and Pulawski, 2010:177, ♀. Holotype: ♀, Australia: Northern Territory: Gregory National Park near Victoria River Roadhouse at 15°37.8'S 131°08.7'E (ANIC).

79. ruficollis Lomholdt

Sericophorus ruficollis Lomholdt in Lomholdt and Pulawski, 2010:179, ♀, ♂. Holotype: ♀, Australia: South Australia: Mount Hall in Eyre Peninsula (South Australian Museum).

80. rufithorax Lomholdt

Sericophorus rufithorax Lomholdt in Lomholdt and Pulawski, 2010:181, ♀, ♂. Holotype: ♀, Australia: New South Wales: 4 mi. east of Wilcannia (MCZ).

81. rufoniger (R. Turner)

Zoyphium rufonigrum R. Turner, 1908:494, ♂. Lectotype: ♂, Australia: North Territory: Darwin (BMNH), designated by Lomholdt in Lomholdt and Pulawski, 2010:183. – R. Turner, 1914c:356 (in revision of Australian *Zoyphium*). – **As *Sericophorus rufoniger*:** R. Bohart and Menke, 1976:303 (new generic assignment, in checklist of world Sphecidae, as *rufonigrus*), 628 (*rufoniger* is the correct spelling); Cardale, 1985:253 (in catalog of Australian Sphecidae); Lomholdt and Pulawski, 2010:183 (in revision of world *Sericophorus*, description of ♀).

82. rufus Pulawski

Sericophorus rufus Pulawski in Lomholdt and Pulawski, 2010:185, ♀. Holotype: ♀, Australia: Queensland: Mount Moffatt National Park at 25°03'S 147°53'E (QMB).

83. sabulosus Lomholdt

Sericophorus sabulosus Lomholdt in Lomholdt and Pulawski, 2010:186, ♀, ♂. Holotype: ♀, Australia: Western Australia: Gongarra at 29°55'S 121°08'E (WAMP).

84. sanguineus Lomholdt

Sericophorus sanguineus Lomholdt in Lomholdt and Pulawski, 2010:188, ♀. Holotype: ♀, Australia: Northern Territory: 33 km west–northwest of Alice Springs at 23°36'S 133°34'E (ANIC).

85. scintillans Pulawski

Sericophorus scintillans Pulawski in Lomholdt and Pulawski, 2010:189, ♀. Holotype: ♀, Australia: Western Australia: 158 km south of Newman (= 9 km north of Kumarina Roadhouse) at 24°37.8'S 119°36.8'E (ANIC).

86. sericeus (Kohl)

Zoyphium sericeum Kohl, 1893c:571, ♀. Holotype: ♀: South Australia: Adelaide (ZMHU). – R. Turner, 1914c:354 (in revision of Australian *Zoyphium*). – **As *Sericophorus sericeus*:** R. Bohart and Menke, 1976:303 (new generic assignment, in checklist of world Sphecidae); Cardale, 1985:253 (in catalog of Australian Sphecidae); Lomholdt and Pulawski, 2010:191 (in revision of world *Sericophorus*, description of ♂).

87. setulosus Lomholdt

Sericophorus setulosus Lomholdt in Lomholdt and Pulawski, 2010:194, ♀. Holotype: ♀, Australia: Western Australia: 5 km west-southwest of Paynes Find at 29°18'S 117°39'E (ANIC).

88. sparsus Pulawski

Sericophorus sparsus Pulawski in Lomholdt and Pulawski, 2010:196, ♀. Holotype: ♀, Australia: Northern Territory: Keep River National Park at 15°57'33"S 129°01'44" (ANIC).

89. splendidus (Hacker and Cockerell)

Zoyphium splendidum Hacker and Cockerell, 1922:288, ♀, ♂. Lectotype: ♀, Australia: Queensland: Brisbane (QMB), designated by Lomholdt in Lomholdt and Pulawski, 2010:197. – **As *Sericophorus splendidus***: R. Bohart and Menke, 1976:303 (new generic assignment, in checklist of world Sphecidae); Cardale, 1985:254 (in catalog of Australian Sphecidae); Lomholdt and Pulawski, 2010:197 (in revision of world *Sericophorus*).

Anacrucis cingulata Rayment, 1955a:57, ♀. Holotype: ♀, Australia: New South Wales: Millthorpe (Orange Agricultural Institute, Orange, New South Wales, Australia). Synonymized with *Sericophorus splendidus* by Lomholdt in Lomholdt and Pulawski, 2010:197. – **As *Sericophorus cingulatus***: R. Bohart and Menke, 1976:302 (new generic assignment, in checklist of world Sphecidae); Cardale, 1985:251 (in catalog of Australian Sphecidae).

Anacrucis ferruginea Rayment, 1955a:59, ♀. Holotype: ♀, Australia: New South Wales: Wauchope (Orange Agricultural Institute, Orange, New South Wales, Australia). Synonymized with *Sericophorus splendidus* by Lomholdt in Lomholdt and Pulawski, 2010:197. – **As *Sericophorus ferrugineus***: R. Bohart and Menke, 1976:303 (new generic assignment, in checklist of world Sphecidae); Cardale, 1985:252 (in catalog of Australian Sphecidae).

90. striatulus (Rayment)

Anacrucis striatula Rayment, 1955a:56, ♀. Holotype: ♀, Australia: New South Wales: Jamberoo (NMV). – **As *Sericophorus striatulus***: R. Bohart and Menke, 1976:303 (new generic assignment, in checklist of world Sphecidae); Cardale, 1985:254 (in catalog of Australian Sphecidae); Lomholdt and Pulawski, 2010:197 (in revision of world *Sericophorus*, description of ♂).

91. subalaris Lomholdt

Sericophorus subalaris Lomholdt in Lomholdt and Pulawski, 2010:202, ♀. Holotype: ♀, Papua New Guinea: Morobe Province: Buso (BMNH).

92. tibialis Pulawski

Sericophorus tibialis Pulawski in Lomholdt and Pulawski, 2010:203, ♀. Holotype: ♀, Australia: Western Australia: 158 km south of Newman (= 9 km north of Kumarina Roadhouse) at 24°37.8'S 119°36.8'E (ANIC).

93. triangularis Lomholdt

Sericophorus triangularis Lomholdt in Lomholdt and Pulawski, 2010:205, ♀. Holotype: ♀, Australia: Victoria: 11 km north of Kiamal at 34°54'S 142°18'E (ANIC).

94. trichocephalus Pulawski

Sericophorus trichocephalus Pulawski in Lomholdt and Pulawski, 2010:207, ♀, ♂. Holotype: ♀, Australia: Queensland: Hann River at 15°11'S 143°52'E (ANIC).

95. tuberculatus (R. Turner)

Zoyphium tuberculatum R. Turner, 1936:543, ♀. Holotype or syntypes: Western Australia: Dedari 40 mi. west of Coolgardie (BMNH). – **As *Sericophorus tuberculatus***: R. Bohart and Menke, 1976:303 (new generic assignment, in checklist of world Sphecidae); Cardale, 1985:254 (in catalog of Australian Sphecidae); Lomholdt and Pulawski, 2010:209 (in revision of world *Sericophorus*, description of ♂).

96. vicarius Lomholdt

Sericophorus vicarius Lomholdt in Lomholdt and Pulawski, 2010:212, ♀, ♂. Holotype: ♀, Australia: New South Wales: Euston (ANIC).

97. viridescens Lomholdt

Sericophorus viridescens Lomholdt in Lomholdt and Pulawski, 2010:215, ♀, ♂. Holotype: ♀, Australia: Northern Territory: 33 km west–northwest of Alice Springs at 23°36'S 133°34'E (ANIC).

98. viridis (de Saussure)

Tachyrrhostus viridis de Saussure, 1854:25, ♀. Lectotype: ♀, New Holland, now Australia: no specific locality (MHNG), designated by Lomholdt in Lomholdt and Pulawski, 2010:216. – **As *Sericophorus viridis***: F. Smith, 1856:356 (new generic assignment, in catalog of Hymenoptera in British Museum); de Saussure, 1863:69 (transfer to *Sericophorus* recorded); Froggatt, 1892:221 (in catalog of Australian Hymenoptera); Dalla Torre, 1897:578 (in catalog of world Sphecidae); W. Schulz, 1911b:183 (redescription); R. Turner, 1914c:349 (in revision of Australian *Sericophorus*); Rayment, 1955a:54 (original description translated into English; additional description); Matthews and Evans, 1971:413 (nesting habits), 423 (description of larva); R. Bohart and Menke, 1976:302 (in checklist of world Sphecidae); Cardale, 1985:250 (in catalog of Australian Sphecidae); McCorquodale and Thomson, 1989:95 (citation of Matthews and Evans, 1971); Lomholdt and Pulawski, 2010:216 (in revision of world *Sericophorus*, description of ♂).

Tachyrrhostus [sic] *claviger* Kohl, 1892:229, ♀. Holotype or syntypes: ♀, Australia: no specific locality (originally NHMW, now lost?). Synonymized with *Sericophorus viridis* by Lomholdt in Lomholdt and Pulawski, 2010:216. – **As *Sericophorus claviger***: Dalla Torre, 1897:578 (new generic assignment, in catalog of world Sphecidae); R. Turner, 1914c:350 (in revision of Australian *Sericophorus*); Rayment, 1955a:29 (in revision of Australian *Sericophorus*, as new generic assignment), Bohart and Menke, 1976:302 (in checklist of world Sphecidae); Cardale, 1985:246 (in catalog of Australian Sphecidae).

Sericophorus claviger burnsiellus Rayment, 1955a:30, ♂. Holotype: ♂, Australia: Victoria: Chelsea (NMV). Synonymized with *Sericophorus viridis* by Lomholdt in Lomholdt and Pulawski, 2010:216. – R. Bohart and Menke, 1976:302 (in checklist of world Sphecidae); Cardale, 1985:246 (in catalog of Australian Sphecidae).

Sericophorus elegantior Rayment, 1955a:32, ♀. Holotype: ♀, Australia: Western Australia: Bolgart (NMV). Synonymized with *Sericophorus viridis* by Lomholdt in Lomholdt and Pulawski, 2010:216. – R. Bohart and Menke, 1976:302 (in checklist of world Sphecidae); Cardale, 1985:247 (in catalog of Australian Sphecidae).

Sericophorus occidentalis Rayment, 1955a:38, ♀. Holotype: ♀, Australia: Western Australia: Narrogin (WAMP). Synonymized with *Sericophorus viridis* by Lomholdt in Lomholdt and Pulawski, 2010:216. – Bohart and Menke, 1976:302 (in checklist of world Sphecidae); Cardale, 1985:248 (in catalog of Australian Sphecidae).

Sericophorus spryi Rayment, 1955a:48, ♂. Holotype: ♂, Australia: Victoria: Chelsea (NMV). Synonymized with *Sericophorus viridis* by Lomholdt in Lomholdt and Pulawski, 2010:217. – R. Bohart and Menke, 1976:302 (in checklist of world Sphecidae); Cardale, 1985:249 (in catalog of Australian Sphecidae).

Sericophorus tallongensis Rayment, 1955a: 50, ♂. Holotype: ♂, Australia: New South Wales: Tallong (NMV). Synonymized with *Sericophorus viridis* by Lomholdt in Lomholdt and Pulawski, 2010:217. – R. Bohart and Menke, 1976:302 (in checklist of world Sphecidae); Cardale, 1985:250 (in catalog of Australian Sphecidae).

Sericophorus teliferopodus Rayment, 1955a:51, ♀, ♂. Holotype: ♀, Australia: Victoria: Sandringham (NMV). Synonymized with *Sericophorus viridis* by Lomholdt in Lomholdt and Pulawski, 2010:217. – Rayment, 1955a:66 (nesting and prey); R. Bohart and Menke, 1976:302 (in checklist of world Sphecidae); Cardale, 1985:250 (in catalog of Australian Sphecidae).

Sericophorus teliferopodus okiellus Rayment, 1955a:52, ♀. Holotype: ♀, Australia: Victoria: Melton (NMV). Synonymized with *Sericophorus viridis* by Lomholdt in Lomholdt and Pulawski, 2010:217. – R. Bohart and Menke, 1976:302 (in checklist of world Sphecidae); Cardale, 1985:250 (in catalog of Australian Sphecidae).

Sericophorus viridis roddi Rayment, 1955a:55, ♀. Holotype: ♀, Australia: New South Wales: Fraser Park (NMV). Synonymized with *Sericophorus viridis* by Lomholdt in Lomholdt and Pulawski, 2010:217. – Rayment, 1955a:78 (nesting and prey); R. Bohart and Menke, 1976:302 (in checklist of world Sphecidae); Cardale, 1985:251 (in catalog of Australian Sphecidae); Steiner, 1986:104 (references to publications on nesting habits).

Sericophorus violaceus Rayment, 1955a:53, ♀, ♂. Holotype: Australia: South Australia: Torrens George (South Australian Museum). Synonymized with *Sericophorus viridis* by Lomholdt in Lomholdt and Pulawski, 2010:217. – R. Bohart and Menke, 1976:302 (in checklist of world Sphecidae); Cardale, 1985:250 (in catalog of Australian Sphecidae).

99. *wheeleri* Lomholdt

Sericophorus wheeleri Lomholdt in Lomholdt and Pulawski, 2010:220, ♀, ♂. Holotype: ♀, Australia: Western Australia: Mullewa (MCZ).

100. *xanthogaster* Lomholdt

Sericophorus xanthogaster Lomholdt in Lomholdt and Pulawski, 2010:223, ♀. Holotype: ♀, Australia: Western Australia: Goongarrie at 29°55'10"S 121°14'45" (WAMP).

101. *xanthomelas* Pulawski

Sericophorus xanthomelas Pulawski in Lomholdt and Pulawski, 2010:226, ♀. Holotype: ♀, Australia: Queensland: Hann River at 15°11'S 143°52'E (ANIC).

sp.

Naumann, 1993:184 (Australia: Queensland: Heathlands area in Cape York), 1998:185 (Australia: northwest Queensland: Musselbrook area, approximately 18°40'S 138°23'E).

SPECIES DESCRIBED IN *SERICOPHORUS* AND TRANSFERRED TO *LARRISSON*

abnormis R. Turner, 1914 = *Larrisson*.