

twelve-jointed. This caused considerable confusion when other species of *Pheidolacanthinus* were described. He also called it a worker. He had, however, described the worker as *Myrmica quadrispinosa* from the same locality three pages before in the same paper. The species, therefore, must be called *quadrispinosus*, as pointed out by Donisthorpe in 1938.

These ants nest in rotten wood, dead logs, under bark and in old beetle burrows, and have been taken on trees, foliage and on wet rocks partly submerged in the river, at elevations from 1,200 ft. to 3,500–4,500 ft.

Some nineteen species have been described, *striatus* bringing the total up to twenty. The literature on the same is as follows:—

*Pheidolacanthinus* F. Smith, 1864, *J. linn. Soc. (Zool.)*, **8**: 75. (Subgenus of *Pheidole* Westwood, 1840. Subfamily: Myrmicinae; Tribe: Pheidolini.) Type: *Pheidolacanthinus armatus* F. Smith, 1864, ♀ = *Myrmica quadrispinosa* F. Smith, 1864, ♀ (monobasic). Donisthorpe, 1938, *Ann. Mag. nat. Hist. (11)* **1**: 144. Type locality: Salwatty, New Guinea.

1. *P. (P.) amber* Donisthorpe, 1941, *Trans. R. ent. Soc. Lond.*, **91**: 55. ♀ Japen Island.
2. *P. (P.) barumtaua* Donisthorpe, 1938, *Ann. Mag. nat. Hist. (11)* **1**: 141. ♀, ♂, ♂. Dutch New Guinea, Waigeu Island.
3. *P. (P.) bifurcus* Donisthorpe, 1941, *Entomologist*, **74**: 36. ♀, ♂. Dutch New Guinea, Waigeu Island.
4. *P. (P.) elegans* Donisthorpe, 1938, *Ann. Mag. nat. Hist. (11)* **1**: 144. ♀. Papua.
5. *P. (P.) flavothoracica* Viehmeyer, 1914, *Zool. Jb., Syst.*, **37**: 610, fig. c. ♀. New Guinea.
6. *P. (P.) hercules* Donisthorpe, 1941, *Trans. R. ent. Soc. Lond.*, **91**: 53. ♀, ♂. Japen Island.
7. *P. (P.) medioflava* Donisthorpe, 1941, *Entomologist*, **74**: 37. ♀. Dutch New Guinea, Waigeu Island.
8. *P. (P.) mjobergi* Forel, 1915, *Ark. Zool.*, **9**: 66, pl. I, fig. 5. ♀, ♂. Australia.
9. *P. (P.) purpurascens* Emery, 1897, *Ann. Mus. Stor. nat. Genova*, **38**: 565. ♀ (Sub. *Pheidole*). New Guinea.
10. *P. (P.) quadrispinosa* F. Smith, 1864, *J. linn. Soc. (Zool.)*, **8**: 72, pl. IV, fig. 6. ♀. (Sub. *Myrmica*.) = *Pheidolacanthinus armatus* F. Smith, 1864, *l.c.*: 75, fig. 8. ♀. ♂ and ♀ described, Donisthorpe, *Entomologist*, **74**: 38–39. New Guinea.
11. *P. (P.) sexspinos* Mayr, 1870, *Verh. zool.-bot. Ges. Wien*, **20**: 997. ♀, ♂. Ellice Island.
- 11a. *P. (P.) sexspinos* *adamsoni* Wheeler, 1932, *Pacific Ent. Survey Publ.*, **1** (16); *Bull. Biol. Bish. Mus., Honolulu*, **98**: 157. ♀, ♂, ♀, ♂. Maquesas Isls. and Tahiti.
- 11b. *P. (P.) sexspinos* *biroi* Emery, 1900, *TermTud. Füz.*, **23**: 323. 4 ♀, ♂. New Guinea.
- 11c. *P. (P.) sexspinos* *biroi* Emery var. *ralumensis* Forel, 1901, *Mitt. zool. Mus. Berl.*, **2**: 14. ♀. Bismarck Archipelago.
- 11d. *P. (P.) sexspinos* *Mayr* var. *fuscescens* Emery, 1900, *TermTud. Füz.*, **23**: 323. 4 ♀. New Guinea.
12. *P. (P.) singularis* F. Smith, 1863, *J. linn. Soc. (Zool.)*, **7**: 22. ♀. (Sub. *Pheidole*.) Mysol.
13. *P. (P.) tetracantha* Emery, 1894, *Ann. Mus. Stor. nat. Genova*, **38**: 564. ♀. New Guinea.
14. *P. (P.) transfigens* Forel, 1911, *S.B. bayerisch. Akad. Wiss.*, **41**: 268. ♀. (Sub. *Pheidole*.) New Guinea.
15. *P. (P.) cervicornis* Emery, 1900, *TermTud. Füz.*, **23**: 322, pl. 8, fig. 25. ♀. New Guinea.
16. *P. (P.) lokitae* Forel, 1913, *Zool. Jb., Syst.*, **36**: 46, figs. L, M. ♀, ♂, ♀. Malacca Sumatra.
17. *P. (P.) quadrensis* Emery, 1900, *Ann. Soc. ent. Belg.*, **44**: 25. ♀. Sumatra. Malacca.
18. *P. (P.) quadricuspis* Emery, 1901, *Ann. Mus. Stor. nat. Genova*, **40**: 683. ♀, ♂. Sumatra. Malacca.
19. *P. (P.) sperata* Forel, 1915, *Tijdschr. Ent.*, **58**: 29. ♀, ♂. Simalur.
20. *P. (P.) striatus* Donisthorpe, *huj. ref.* ♀, ♂, ♂. New Guinea.

British Museum (Nat. Hist.), London, S.W.7.

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