

An Eighth Instalment of the Ross Collection of Ants
from New Guinea. By HORACE DONISTHORPE, F.Z.S.,
F.R.E.S., etc.

Subfamily Ponerine.

Tribe Amblyoponini.

Myopopone rossi Donisthorpe, Ann. Mag. Nat. Hist.
(s. 11), xiv. p. 297 (1947), ♀.

1 ♀, Finschhafen, New Guinea, April 20, 1944. E. S.
Ross Coll.

Tribe Platythyreini.

Platythrea melancholica F. Smith, Journ. Proc. Linn.
Soc. Lond. Zool. viii. p. 1 (1864), ♀.

19 ♀♀, Maffin Bay, Dutch New Guinea, September 10,
1944. E. S. Ross Coll.

Tribe Ponerini.

Diacamma rugosum Le Guill., subsp. *sculpturata* F.
Smith, Journ. Proc. Linn. Soc. Lond. Zool. iii. p. 142
(1858), ♀.

14 ♀♀, Maffin Bay, Dutch New Guinea, October 10,
1944. E. S. Ross Coll.

Euponera (Trachymesopus) brunneus Donisthorpe, Ann.
Mag. Nat. Hist. (s. 11), xiv. p. 300 (1947), ♀♀.

1 ♀, 3 deälated ♀♀, Maffin Bay, Dutch New Guinea,
September, 1944. E. S. Ross Coll.

Tribe Odontomachini.

Odontomachus rossi Donisthorpe, Ann. Mag. Nat. Hist.
(s. 11), xiv. pp. 186-87 (1947), ♀♀.

12 ♀♀, 1 w. ♀, Maffin Bay, Dutch New Guinea,
September 9, 1944. E. S. Ross Coll.

Subfamily Myrmicine.

Tribe Pheidolini.

Pheidole (Pheidolacanthinus) brevispinosa Donisthorpe,
Ann. Mag. Nat. Hist. (s. 11), xiv. p. 593 (1947), 1948 ♀.

5 ♀♀, Maffin Bay, Dutch New Guinea, September, 1944.
E. S. Ross Coll.

Tribe PHEIDOLOGETINI.

Pheidologeton diversus Jerd., Madras Journ. Litt. Soc.
xvii. p. 109 (1851) 2♀.

1 w. ♀, Maffin Bay, Dutch New Guinea, October 10,
1944. E. S. Ross Coll.

Tribe SOLENOPSIDINI.

Volenhovia oblonga F. Smith, subsp. *pedestris* F. Smith,
Journ. Proc. Linn. Soc. Lond. Zool. vi. p. 46 (1861), ♀.

6 ♀♀, Maffin Bay, Dutch New Guinea, September 9,
1944; 2 ♀♀, ditto, October 10, 1944. E. S. Ross Coll.

Monomorium floricola Jerd., Madras Journ. Lit. Sci. xvii.
p. 107 (1851), ♀.

3 ♀♀, Finschhafen, New Guinea, May 12, 1944. E. S.
Ross Coll.

Tribe MYRMECININI.

Pristomyrmex orbiculatus Donisthorpe, Ann. Mag. Nat.
Hist. (s. 11), xiv. p. 306 (1947), ♀♀♂.

1 ♀, 1 ♂, Maffin Bay, Dutch New Guinea, June 20,
1944. E. S. Ross Coll.

Pristomyrmex nitidissimus Donisthorpe, in litt., ♀.

1 ♀, Maffin Bay, Dutch New Guinea, September, 1944.
E. S. Ross Coll.

Podomyrma basalis F. Smith, Journ. Proc. Linn. Soc.
Lond. Zool. iii. p. 147 (1858), ♀.

3 ♀♀, Maffin Bay, Dutch New Guinea, August, 1944.
E. S. Ross Coll.

Subfamily DOLICHODERINÆ.

Tribe TAPINOMINI.

Iridomyrmex rufoniger Lowne, var. *metallescens* Emery.
Rev. Suisse Zool. i. p. 194 (1893).

2 ♀♀, Maffin Bay, Dutch New Guinea, September, 1944.
E. S. Ross Coll. 5 ♂♂, ditto, ditto.

Iridomyrmex humilis Mayr, Ann. Soc. Nat. Modena, iii.
p. 164 (1868), ♀.

1 ♀, Maffin Bay, Dutch New Guinea, September, 1944.
E. S. Ross Coll.

Bothriomyrmex rossi, sp. n.

♀.—Dirty pale brownish yellow, gaster a little darker; clothed with pale yellowish white decumbent pubescence.

Head slightly longer than broad, sides subparallel, posterior angles evenly rounded, posterior border excised in centre; *mandibles* comparatively large, triangular, smooth and shining, *masticatory border* armed with five teeth, the apical one being the longest, this and the fourth being somewhat more prominent than the rest. *Clypeus* narrow, convex on disc, anterior border slightly excised in middle; *frontal area* indistinct; *frontal carinae* short, with a narrow sharp edge only slightly raised, divergent behind; *eyes* rather small, flat, round, situated behind centre of sides of head, not touching the lateral borders; *antennae* 12-jointed, moderate, *scape* curved at base, not reaching posterior border of head, *funiculus* slightly thickened towards apex, first joint longer than the second and third taken together, which are as long as broad, fourth and first transverse, last joint longer than the two preceding taken together. *Thorax* longer than broad, contracted in middle, broadest at humeral angles; *pronotum* narrowed anteriorly, shoulders rounded, convex on disc, sides embracing mesonotum; *mesonotum* small, convex on disc, very slightly longer than broad; *epinotum* slightly longer than broad, sloping to base, angle between dorsal surface and declivity not marked. *Scale of petiole* narrow, longer than broad, inclined forward; *gaster* broad and pointed at apex, broadest at apex of first segment. *Legs* moderately long. *Long.* 1.8–2 mm.

Described from fifteen workers. Maffin Bay, Dutch New Guinea, September, 1944. E. S. Ross Coll.

Type in California Academy of Sciences.

Subfamily FORMICINÆ.

Tribe PLAGIOLEPIDINI.

Anoplolepis longipes Jerd., Madras Journ. Litt. Sci. xvii.
p. 122 (1851), ♀.

3 ♀♀, Finschhafen, New Guinea, May 12, 1944. E. S. Ross Coll.

Tribe CAMPONOTONI.

Camponotas (Tanæmyrmex) coxalis F. Smith, Journ. Proc. Linn. Soc. Lond. Zool. iii, p. 136 (1858), ♀.

1 ♂, Finschhafen, April 21, 1944; 1 ♂, Maffin Bay, Dutch New Guinea, October 10, 1944. E. S. Ross Coll.

Tribe ACANTHOMYOPSINI.

Paratrichina (*Nylanderia*) *vaga* Forel, Mitt. Zool. Mus.

Berlin, ii. p. 26 (1901), ♂.

1 ♀, Maffin Bay, Dutch New Guinea, September, 1944.
E. S. Ross Coll.

Circumstances have arisen which cause this, the eighth instalment of my work on this very valuable and interesting collection of ants made by Mr. Edward S. Ross in New Guinea, to be the last. In these instalments I have described four new genera, one new subgenus, sixty-two new species, two new varieties, and four forms not previously known by that sex.