

V. Subfamily Myrmicidæ.

Smith, Cat. Brit. Hym. 1851.

Genus SIMA.

Roger, Berl. ent. Zeitschr. 1863 = *Eciton* Jerdon, nec Latreille.

15. SIMA RUFO-NIGRA, Jerdon (Madras Journ. Lit. & Sc. 1851, *Eciton*), ♂.

16. SIMA COMPRESSA, Roger (Berl. ent. Zeitschr. 1863?), ♀.

The only specimen from Calcutta is very large (7.5 millims.) The specimens which were described by Roger (l. c.) and Mayr (Tijdschr. voor Entomol. 1867) measured only 4—5 millims. Therefore the identity of our specimen with *S. compressa* does not seem to me to be perfectly sure, though the other characters agree with the description.

Genus MYRMICARIA.

Saunders, Trans. Ent. Soc. Lond. 1841-43 = *Heptacondylus* and *Physatta*, Smith.

17. MYRMICARIA SUBCARINATA, Smith (Cat. Brit. Mus. 1858, *Heptacondylus*), ♀.

Genus HOLCOMYRMEX.

Mayr, Verh. k. k. zool.-bot. Ges. Wien, 1878.

18. HOLCOMYRMEX SCABRICEPS, Mayr (Verh. k. k. zool.-bot. Ges. Wien 1878), ♂ major and ♀ minor.

Genus PHEIDOLE.

Westwood, Ann. & Mag. Nat. Hist. vi, 1841 = *Ocodoma*, Jerdon, l. c.

19. PHEIDOLE INDICA, Mayr (Verh. k. k. zool.-bot. Ges. Wien 1878), ♂, ♀, and ♀.

The specimens are smaller than Mayr's. I have submitted this ant to Prof. Mayr, who has pronounced it to be his *P. indica*; but joints 3—4 of the antennæ are longer than broad in the soldier, as long as broad in the female.

♂. Length: 4—5 millims. A curved striation at the posterior angles of the head. Head shining between the striæ.

♀. Length: 2.5—2.8 millims.

♀. Length: 7—7.5 millims. Head narrower than the thorax.

20. PHEIDOLE LATINODA, Roger (Berl. ent. Zeitschr. 1863), ♀, ♂, and ♀, var. MAJOR.

The specimens are larger than Roger's and Mayr's. This species has hitherto only been found in India, and the ♀ is still unknown.

♂. Length: 5.4—6.2 millims. Head coarsely striate-rugose, posteriorly coarsely rugose-reticulated. The ground of the reticulations is moderately shining and sometimes contains secondary rugosities. Less shining than *P. indica*; the clypeus carinate (in *P. indica* not carinate);