

**Dolichoderus (Hypoclinea) crawleyi n.sp., a species of Ant new to Science; with a few notes on the Genus.**

By H. DONISTHORPE, F.Z.S., F.E.S.

♂ Black, shining, sides of clypeus, inner borders and base of mandibles, club of antennæ, base of joint of funiculus, and apex and base of scape, anterior border, and posterior border narrowly, of pronotum, base of epinotum narrowly, tarsi, apex of tibiæ and trochanters, yellow. Antennæ, legs, and whole body furnished with pale yellow outstanding hairs; gaster with white decumbent pubescence.

Head rugose and wrinkled, together with mandibles, triangular; clypeus convex, coarsely wrinkled; frontal area distinct; mandibles triangular, with large widely separated punctures, and many teeth on terminal border; antennæ with scape thickened towards apex; eyes high on sides of head. Thorax rugosely wrinkled; pronotum unarmed, flat on disc, rounded at sides; mesonotum higher than pronotum; epinotum unarmed, rounded, more rugosely wrinkled and pitted than rest of thorax, with declivity somewhat scooped out and much smoother. Scale of pedicel viewed from side conical, triangular, rugosely punctured; gaster short broad oval, finely punctured. Long. 4.5-4.8mm.

♀ Mandibles, clypeus, cheeks, mesonotum, scutellum, and metanotum pale yellowish white; a longitudinal stripe on centre of mesonotum and on the parapsidal furrows brown; gaster and rest of body yellowish brown; pilosity and pubescence as in ♂. (Probably immature.)

Head shape and punctuation as in ♂. Thorax smoother; mesonotum high and convex; scutellum very prominent and raised; epinotum rounded, convex, with white decumbent pubescence. Scale shape as in ♂, but not nearly so rugose; gaster smooth, short broad oval, but less round than in ♂. Long. 6mm.

Described from 12 ♂♂ and 1 winged ♀ from Singapore, given to me by my friend Mr. E. E. Green. They were associated with species of *Lecanium* (Coccids) in hollow stems of *Macaranga*.

I have named this species in honour of my friend and colleague, Mr. W. C. Crawley.

*D. (H.) crawleyi* comes in section 15 of Mayr's table of *Hypoclinea* [Zool. Bot. Ges. Wien, 20, 955 (1870)] which contains two species from Borneo—*patens* Mayr and *semirugosa* Mayr; both species are larger, the former is of a reddish-yellow colour and is smoother, etc.; the latter is of a deeper black, duller, and the head and thorax are much more rugose and wrinkled. In some respects it approaches *sulcaticeps* Mayr, but that species is also larger, and has the gaster broadly yellow anteriorly; moreover the clypeus is much less wrinkled, and the frontal area is not clearly defined, etc.

*Dolichoderus* Lund (tribe *Dolichoderini* Emery, subfamily *Dolichoderinae* Forel), is a large genus consisting of some 63 species, and is distributed over all the tropical and temperate regions of the world, except Africa, Madagascar, New Zealand, Polynesia and Chili. The type of the genus is *Dolichoderus attelaboides* Lund.

The chief characters are as follows:—

♂ Not very variable in size. Mandibles triangular, toothed. Maxillary palpi 6-jointed; labial palpi 4-jointed; antennæ 12-jointed; no ocelli. Thorax deeply impressed between mesonotum and epinotum. Pedicel with a scale, which is sometimes spined; gaster not overhanging pedicel; anus not visible from above. Gizzard without calyx, or cylindrical portion, and with a not very definite bulb.

♀ Anterior wings with two closed cubital cells, and one discoidal cell. Not much larger than, and resembling ♂ in general.

♂ Antennæ 13-jointed, scape a little longer than the second joint of the funiculus, first joint of the funiculus very small. Genitalia: stipes massive, volsellæ variable. Wings as in ♀.

OCTOBER 15TH, 1917.