

41. Genus *Dolichoderus* Lund, 1831.

Dolichoderus Lund, 1831, *Ann. Sc. Nat.* 23:130.

Dolichoderus, Brown, 1973, *In Tropical forest ecosystems in Africa and South America*: 161-185.

Diagnostic characters : Mandibles broad, with 10-12 small teeth; Clypeus convex, anterior margin transverse; antennae 12-jointed; thorax laterally compressed; pronotum convex or flat; thorax emarginate at the mesometanotal suture; pedicel with a single joint.

Key to the species of *Dolichoderus* Lund.

1. Mesonotum longitudinally sulcate above 2
- Mesonotum not longitudinally sulcate above; thorax coarsely punctate *sundari*
2. Head, thorax and abdomen with erect hairs 3
- Head, thorax and abdomen without erect hairs, but with abundant silky pubescence . . . *fuscus*
3. Head finely punctured, pubescent and opaque; thorax very coarsely rugose . . . *bituberculatus*
- Head smooth and shining, not opaque 4
4. Head and thorax reddish yellow; abdomen black *taporbanae*
- Head, thorax and abdomen concolourous *affinis*

115. *Dolichoderus affinis* Emery

Dolichoderus affinis Emery, 1889, *Ann. Mus. Civ. Stor. Nat. Genova.*, 27:508.

Dolichoderus (Hypoclinea) affinis, Chapman and Capco, 1951, *Checklist of ants of Asia*, 1:181.

Material examined : 68 ex: 3 ex, India, Meghalaya, West Garo hills, Auogiri, 22.iii.75, Coll. S. Biswas; 15 ex, East Khasi hills, Umran, 12.ix.67; Coll. R.K. Varshney; 25 ex, Jaintia hills, Nartiang, 7.v.87, Coll. C. Radhakrishnan; 25 ex, West Garo hills, Selbalgiri, Alt. 2000¹, 28.iv.88, Coll. V.T. Darlong.

Diagnostic characters : worker. Reddish brown to dark brown, head shining, very finely closely punctate; apical tooth of mandibles acute and slightly curved; eyes placed above the middle of the head; pronotum slightly flat and anteriorly margined; mesonotum raised, somewhat flat, indistinctly medially sulcate; metanotum slightly convex, and sloping from back to front, its apical portion truncate and concave; the whole thorax irregularly but very distinctly punctured wrinkled and sculptured; abdomen smooth and shining.