

the details necessary for its proper classification are known. The gaster is the only part which shows much distortion, and this has been pressed so flat that the first segment is broken away from the second segment, producing much the appearance of a ponerine.

DOLICHODERINI

DOLICHODERUS (HYPOCLINEA) Lund

This genus has turned up regularly in the larger fossil ant deposits. Seven species have been recognized in the Baltic amber, two in the Radoboj beds, and three are described below from Florissant. This wide distribution in the Tertiary is only to be expected in view of the large area inhabited by the genus at the present time. It is interesting to observe, however, that although *Dolichoderus* is well represented in the eastern United States, no living species has been taken in the western part. The presence of these species in the Florissant shales shows that during the Miocene at least the genus extended much further westward than at the present time.

DOLICHODERUS ANTIQUUS, sp. nov.

Plate 4, fig. 6. Plate 9, fig. 1. Plate 10, fig. 2

Female.—Length, 6.5 mm. Moderately robust; head a little longer than broad, posterior margin only slightly concaved, posterior angles rounded, sides convex; mandibles large, with curved outer margins; scapes rather short, not quite reaching the posterior margin of the head; funicular segments 2–10 a little longer than broad, segments 1, 11 nearly twice as long as broad; eyes oval, of moderate size, situated at the middle of the sides of the head; thorax a little longer than the head and nearly as wide; epinotum concaved posteriorly, the dorsal part projecting over the petiole; scale of the petiole obtuse, nearly cuneiform; gaster about twice as long as the head, and about one and one-half times as broad; forewings short, with two cubital cells. The dorsal part of the head, epinotum and the sides of the rest of the thorax are marked with coarse rugose reticulations. Length of head, 1.5 mm.; scape, 1.0 mm.; funiculus, 1.5 mm.; thorax, 1.9 mm.; gaster, 3.1 mm.; forewing, 4.0 mm. Width of head, 1.2 mm.; thorax, 1.1 mm.; gaster, 1.9 mm.

Holotype.—No. 2798, M. C. Z. (S. H. Scudder).

Paratypes.—No. 10,000, Peabody Museum; no. 7824, Princeton Uni-