

arctic, and southern palaearctic regions. In the Florissant collection I find two splendid specimens of a single species.

*PHEIDOLE TERTIARIA*, sp. nov.

Plate 5, fig. 2. Plate 11, fig. 2

*Female*.—Length, 7.0 mm. Head large, nearly as broad as long, narrowed anteriorly; posterior margin slightly incised; mandibles well developed; antennae situated rather far forward; scapes slender, reaching the posterior margin of the head; funiculus moderately slender, segments 2–9 a little longer than broad, the last three segments enlarged to form a club; eyes small, situated very nearly at the middle of the sides of the head; ocelli unusually large; thorax about as long as the head, but not quite as wide; epinotum (apparently) unarmed; petiole and postpetiole short, but probably quite high; gaster small, as long as the head, and about as wide; forewing extending much beyond the end of the gaster. Head coarsely and reticulately rugose; mesonotum and metanotum also rugose, but not so distinctly. Length of head, 2.3 mm.; scape, 0.12 mm.; funiculus, 2.4 mm.; thorax, 2.3 mm.; gaster, 2.5 mm. Width of head, 1.8 mm.; thorax, 1.6 mm.; gaster, 1.8 mm.

*Holotypes*.—No. 2918, M. C. Z. (S. H. Scudder).

*Paratypes*.—No. 2919, M. C. Z.

Both types are well preserved and are obverses, showing the dorsal aspect of the ant. Since there is no indication of epinotal spines in either specimen, I have concluded that the thorax was unarmed, as in *Ph. guilemi-muelleri* Forel.

MYRMICINI

*POGONOMYRMEX* Mayr

This neotropical and nearctic genus, of which two species now occur in Colorado, is represented for the first time in the Tertiary by one species in the Florissant beds.

*POGONOMYRMEX FOSSILIS*, sp. nov.

Plate 9, fig. 6

*Worker*.—Length, 6.0 mm. Head large, rounded, a little longer than broad, with coarse longitudinal striations, the posterior margin straight, mandibles large; scape inserted close to the posterior margin of the clypeus, short, not reaching the back of the head; funicular segments