CAMPONOTUS MICROCEPHALUS, sp. nov.

Plate 6, fig. 4.   Plate 11, fig. 8

Female.— Length, 8.0 mm. Moderately slender; head small, elongate, about twice as long as broad, posterior margin short, nearly straight; posterior angles broadly rounded, lateral margins convex; mandibles rather large in comparison with the size of the head; scapes not reaching the posterior margin of the head; funicular segments about as long as broad; thorax a little longer than the head, and nearly twice as wide; gaster about three times as long as the head, and nearly three times as wide; wing just reaching the tip of the abdomen. Length, of head, 1.3 mm.; scape, 1.0 mm.; funiculus, 1.5 mm.; thorax, 1.8 mm.; gaster, 4.2 mm.; forewing, 5.4 mm. Width of head, 7.0 mm.; thorax, 1.5 mm.; gaster, 2.5 mm.

Holotype.— No. 2898, M. C. Z. (S. H. Scudder).

This ant has been described from a rather poorly preserved individual, but the small head will enable easy recognition.

CAMPONOTUS PETRIFACTUS, sp. nov.

Plate 6, fig. 5

Worker.— Length, 10.0 mm. Head oval, nearly twice as long as broad, with a rounded posterior margin; mandibles triangular, slender, armed with three sharp teeth; antennae slender, inserted close to the middle line of the head, all the segments about twice as long as broad; eyes small, placed well back on the posterior half of the head; thorax slender, much longer than the head, but not nearly as broad. Length of head, 2.4 mm.; scape, 2.4 mm.; funiculus, 3.0 mm.; thorax, 4.0 mm.; gaster, 3.6 mm. Width of head, 1.8 mm.; thorax, 1.5 mm.; gaster, 3.0 mm.

Holotype.— No. 2936, M. C. Z. (S. H. Scudder).

Paratypes.— No. 10,034, Peabody Museum; no. 17,020a, University of Colorado; no. 22,964, A. M. N. H.

The large size of this worker, as well as the shape of the head, shows that it cannot be associated with either of the two preceding queens. Only seven specimens have been found.

V. COMPARISON OF THE TERTIARY AND RECENT ANTS OF NORTH AMERICA

With the completion of our examination of the ants known from the Tertiary rocks of North America, we are in a position to compare this