

ments: length, 6.0 mm. Length of head, 1.5 mm.; thorax, 2.0 mm.; gaster, 2.1 mm. Width of head, 1.2 mm.; thorax, 0.4 mm.; gaster, 1.8 mm.

Ergatotype.— No. 2828, M. C. Z. (S. H. Scudder).

LIOMETOPUM Mayr.

The four living species which comprise this genus inhabit very disconnected regions. *L. apiculatum* Mayr occurs in Mexico, Arizona, New Mexico, and Colorado; *L. occidentale* Emery, in California and Oregon; *L. lindgreeni* Forel, in Burma and Assam; and *L. microcephalum* (Panzer), in southern Europe and Asia Minor. The Baltic amber contains one species, *L. oligocenicum* Wheeler, and the Radoboj beds another, *L. antiquum* Mayr. The two Florissant forms described below increase the number of extinct species to four, which equals that of those now living. The obvious conclusion is that the extant species are only a small remnant of a large series of forms which comprised the genus during the mid-Tertiary.

LIOMETOPUM MIOCENICUM, sp. nov.

Plate 3, fig. 6. Plate 8, fig. 3. Plate 9, fig. 8. Plate 10, fig. 8.
Plate 11, fig. 7

Female.— Length, 12.0 to 13.0 mm. Robust; head triangular, a little longer than its greatest width, posterior margin straight, lateral margins curved; mandibles large, triangular, with six or seven irregular teeth; scapes very short, not reaching the posterior margin of the head; first three funicular segments a little longer than broad, the remaining segments about as long as broad; eyes oval, of moderate size; thorax a little longer than the head, and nearly as broad; scale of petiole narrow, its anterior face vertical, and its posterior face inclined at an angle of about 60 degrees; gaster large, about three times as long as the head, and about twice as wide. Length of head, 3.8 mm.; scape, 2.0 mm.; funiculus, 3.5 mm.; thorax, 5.0 mm.; gaster, 10.5 mm.; forewing, 9.0 mm. Width of head, 3.3 mm.; thorax, 3.5 mm.; gaster, 7.0 mm.

Holotype.— No. 2829, M. C. Z. (H. F. Wickham).

Paratypes.— Nos. 2830–2840, M. C. Z.; nos. 10,013–10,015, Peabody Museum; nos. 7833–7837, Princeton University; no. 17,005a, b, c, University of Colorado; no. 78,794, U. S. N. M.; nos. 22,954–55, A. M. N. H.; no. (7–8), British Museum; no. (3–4), Dublin Museum; nos. 21–28, Wickham collection; no. 17, Carnegie Museum.