

mm.; funiculus, 1.5 mm.; thorax, 2.0 mm.; gaster, 5.0 mm.; forewing, 5.1 mm. Width of head, 1.4 mm.; thorax, 1.4 mm.; gaster, 2.4 mm.

Holotype.—No. 2851, M. C. Z. (S. H. Scudder).

Paratypes (♀).—Nos. 2852–2854, M. C. Z.; no. 10,017, Peabody Museum; no. 17,006a, University of Colorado; no. 78,795, U. S. N. M.; no. 22,959, A. M. N. H.; no. 2, Carnegie Museum.

The worker of this species appears to be represented by a few, rather poorly preserved individuals. Although none of them show details of structure, they have a habitus much like that of the worker of the preceding species but are smaller. Length, 5.0 mm. Length of head, 1.2 mm.; scape, 0.9 mm.; funiculus, 1.5 mm.; thorax, 1.5 mm.; gaster, 2.4 mm. Width of head and thorax, 0.9 mm.; gaster, 1.8 mm.

Ergatotype.—No. 2855, M. C. Z. (S. H. Scudder).

The female of this species is very similar to that of *L. miocenicum*, but can be distinguished from it by its smaller size and proportionally longer scapes.

ELAEOMYRMEX, gen. nov.

Female.—Head much longer than broad, narrowed anteriorly, posterior margin straight or slightly rounded, posterior angles broadly rounded, lateral margins nearly straight; mandibles prominent, triangular, with a large terminal tooth and five or six smaller teeth on the inner margin; clypeus large, anterior margin apparently straight, posterior margin with a prominent, median prolongation; entire clypeus with a series of fine striations which converge anteriorly; scapes of moderate size, not quite reaching the anterior margin of the head; eyes oval, of moderate size, situated at about the middle of the sides of the head; ocelli well developed; thorax rather long, slender; petiole small, the scale flattened, highest anteriorly; gaster slender; forewing with two closed cubital cells. The whole insect has a peculiar greasy appearance, unlike that of any other of the Florissant ants.

Worker.—Much smaller than the female but essentially the same in structure, except for somewhat smaller eyes. Clypeus striated as in the female.

Genotype.—*Elaeomyrmex gracilis*, sp. nov.

This genus has rather obscure affinities, but it probably belongs to Tapinomini, not very remote from *Iridomyrmex*.

ELAEOMYRMEX GRACILIS, sp. nov.

Plate 3, fig. 7. Plate 6, fig. 2. Plate 11, fig. 1

Female.—Length, 9.0 to 10.0 mm. Moderately slender; head rather long, oval, about one and one-half times as long as broad, posterior