

coidal and two cubital cells. Length of head, 2.4 mm.; scape, 1.5 mm.; funiculus, 1.9 mm.; thorax, 2.2 mm.; gaster, 3.3 mm. Width of head, thorax and gaster, 1.8 mm.

Holotype.—No. 2926, M. C. Z. (S. H. Scudder).

Paratypes.—No. 2927a-b, 2931a-b, M. C. Z.; no. 17,019a, University of Colorado.

Male.—Head broader than long; eyes of moderate size; funicular segments about as broad as long, the last three segments somewhat larger than the others; postpetiole larger than the petiole; gaster small, nearly globular; head and thorax reticulately rugose, gaster smooth. Venation as in female. Length, 7.0 mm. Length of head, 0.9 mm.; scape, 1.0 mm.; funiculus, 2.4 mm.; thorax, 2.2 mm.; gaster, 2.7 mm.; forewing, 7.0 mm. Width of head, 1.5 mm.; thorax and gaster, 1.8 mm.

Allotype.—No. 2932, M. C. Z. (S. H. Scudder).

One of the striking features of this ant is the strong sculpturing on the gaster, the striations extending to the very end of the abdomen. As far as I am aware no other fossil or living species has the sculpturing extending that far posteriorly. This species is not a particularly rare one at Florissant; I have seen forty good specimens in the material at my disposal.

LITHOMYRMEX STRIATUS, sp. nov.

Plate 6, fig. 1

Female.—Length, 8.0 mm. Head nearly subtriangular; antennal scrobes well developed, probably more so than in *L. rugosus*; funicular segments 3-9 nearly as long as broad, the antennal club not so marked as in the previous species; thorax a little longer than the head and about as broad; postpetiole only a very little longer than the petiole; gaster about the size of the thorax; head rugosely striated, the postpetiole and the base of the gaster faintly striated, most of the gaster without sculpturing. Length of head, 1.9 mm.; scape, 1.0 mm.; funiculus, 1.4 mm.; thorax, 2.1 mm.; gaster, 2.1 mm.; forewing, 4.8 mm. Width of head, 1.3 mm.; thorax, 1.3 mm.; gaster, 1.8 mm.

Holotype.—No. 2933, M. C. Z. (S. H. Scudder).

Worker.—Length, 6.0 mm. Identical with the female except for size. Length of head, 1.8 mm.; thorax, 1.2 mm.; gaster, 3.0 mm.

Ergatotype.—No. 2934, M. C. Z. (S. H. Scudder).

Both castes of this species are represented by uniques, the female by a dorso-ventral specimen, and the worker by a lateral specimen. The worker is rather poorly preserved, but there can be no question as