

margin rounded; first two and last funicular segments nearly twice as long as broad, the others only a little longer than broad; thorax not quite one and one-half times as long as the head, and about as wide as the head; scale of the petiole with several coarse, longitudinal corrugations at the base of the posterior face; gaster more than twice as long as the head, but not quite twice as wide; forewing short, not reaching the end of the gaster. Length of head, 2.1 mm.; scape, 1.5 mm.; funiculus, 2.3 mm.; thorax, 2.7 mm.; gaster, 4.2-4.8 mm.; forewing, 6.0 mm. Width of head, 1.7 mm.; thorax, 1.4 mm.; gaster, 2.4 mm.

Holotype.—No. 2863, M. C. Z. (S. H. Scudder).

Paratypes (♀).—Nos. 2864-2865, M. C. Z.; no. 10,021, Peabody Museum; no. 17,009a, University of Colorado; no. 78,797, U. S. N. M.

Worker.—For specific characters the measurements only can be given, but these, in addition to the description under the genus, will suffice to identify this caste. Length, 7.0 mm. Length of head, 1.8 mm.; scape, 1.2 mm.; funiculus, 1.8 mm.; thorax, 2.1 mm.; gaster, 2.9 mm. Width of head, 1.3 mm.; thorax, 1.2 mm.; gaster, 2.4 mm.

Ergatotype.—No. 2866, M. C. Z. (H. F. Wickham).

Paratypes (♀).—No. 10,021, Peabody Museum; no. 17,009b, University of Colorado; no. 22,969, A. M. N. H.

Both queens and workers of this species are fairly common in the Florissant shales. Including the types mentioned above, I have seen forty-two females and eight workers.

ELAEOMYRMEX COLORADENSIS, sp. nov.

Plate 3, fig. 2. Plate 9, fig. 2

Female.—Length, 8.0 mm. Moderately slender; head only a little longer than broad, with less rounded posterior angles than in the preceding species; mandibles of moderate size; scapes very nearly reaching the posterior margin of the head; the first two funicular segments, as well as the last, about twice as long as broad, the other segments very nearly as broad as long; thorax twice as long and about as wide as the head; petiole of moderate size, apparently without corrugations; gaster large, not quite three times as long as the head, its greatest width twice that of the head; forewing short, just reaching the end of the gaster. Length of head, 1.5 mm.; scape, 1.2 mm.; funiculus, 1.8 mm.; thorax, 2.7 mm.; gaster, 4.0 mm.; forewing, 6.0 mm. Width of head, 1.3 mm.; thorax, 1.3 mm.; gaster, 2.4 mm.

Holotype.—No. 2867, M. C. Z. (F. M. Carpenter).

Paratypes (♀).—No. 2868, 2869, M. C. Z.; no. 10,022, Peabody