

## FORMICOIDEA.

## MYRMICIDÆ.

**Leptothorax canadensis obscurus** n. subsp.—Length 2-3 mm. ♂. Clypeus longitudinally impressed medially, the impression rather broad, somewhat smooth and shining, to each side there are longitudinal well-marked striæ. Head longitudinally rugulosely striate, appearing finely dull striate under a low-power lens, hairs very sparse, mandibles striate, five toothed, apical tooth longest. Antennæ eleven jointed, scape and flagellum covered with appressed pubescence. Prothorax reticulately striate, mesothorax rather rugulosely striate closer, metathorax imperfectly reticulate, the teeth of metathorax diverging and extending a little beyond the posterior border of the metathorax, the thorax dorsally bears a few scattered, thickened hairs, sides of the thorax more closely sculptured, the mesonotum has the finest sculpture, that of the metanotum coarsest, this distinction is apparent when viewed by a hand lens. Suture between meso- and metanotum distinct though not deep. Legs very sparsely ciliate, first joint of petiole, as long as high, second joint wider than long, both dull, finely sculptured. Abdomen shining, with sparse short hairs. Head black, thorax and petiole not exactly black brownish black, abdomen black, apex of segments testaceous, Mandibles, antennæ and legs more or less dark ferruginous, part of femora and apical joints of flagellum darker than other parts.

Differs from the European *L. acervorum* by the impressed clypeus, finer sculpture and more distinct thoracic structure. This has not been compared with a specimen of *L. canadensis*, it may be specifically distinct.

Type, Coll. Acad. Nat. Sciences, Phila. Type locality, Beulah, N. M., Aug. 17, 1901 (H. Skinner). Thirteen ♂.

**Myrmica rubra** var. **schencki** Em.

One ♂, two ♀♀, two ♂♂. The males and females are almost entirely black, in the workers the head and abdomen are darkest.

## DOLICHODERIDÆ.

**\* Tapinomo sessile** Say.

(Det. André) (T. D. A. Cockerell).

**Liometopum apiculatum** Mayr.—♀ Length 14 mm.—Mandibles sparsely punctate, flagellum with one joint longer than the following joint, apical joint excepted. Head and thorax practically impunctate, smooth and shining, sericeous, in addition the head is less and thorax more thickly covered with a yellowish brown erect pubescence. Wings missing. Scale higher than wide, width above one-half width of the scale in the middle, deeply emarginate. Abdomen shining, minutely, closely punctate, sericeous and pubescent, fifth ventral abdominal segment keeled and emarginate.

Black. Mandibles, antennæ, tegulæ, coxæ and tarsi inclining more or less to ferruginous, apical edge of abdomen partly testaceous.