

shining, somewhat foveolate-punctate. Head subopaque except along a broad median strip, extending from the frontal area to the occiput, and on the posterior angles. These regions are smooth and shining. Cheeks and sides of head rather delicately and longitudinally reticulate-rugose. On the front and vertex there are also a few rather large indentations at widely separated intervals. Thorax nearly opaque, in front delicately and evenly reticulate-rugose; on the epinotum and pleuræ the rugæ are coarser and have a distinctly longitudinal trend. Petiole and postpetiole nearly opaque, finely reticulate-rugose. Gaster very smooth and shining.

Hairs rather sparse, silvery-white; those on the body subclavate, shorter and more erect on the head and thorax, longer and more reclinate on the pedicel and gaster. Hairs on the legs and antennæ short, non-clavate, appressed.

Black. In some specimens the pedicel and thorax are dark-brown. Scape and funiculus of antennæ brown. Mandibles yellow, with black teeth. Legs yellow, middle portion of the femora and tibiæ and terminal tarsal joint on each foot, black.

Type locality: Manzanares, N. M.

Described from five specimens taken by Miss Mary Cooper. The species is obviously closely related to *L. tricarinatus* Emery, and may prove to be merely a subspecies of this form. To judge from Emery's description, the head of *tricarinatus* is more opaque, the mesonotum shining, the first funicular joint larger than the three succeeding joints, the remaining joints of the funiculus shorter than broad. Apparently, also, the postpetiole is considerably larger than in *neomexicanus*.

15. *Leptothorax obturator* sp. nov.

*Worker* (Pl. XII, fig. 19).—Length 2.25–2.75 mm.

Mandibles 5-toothed. Clypeus rather flat, its anterior margin broadly truncated in the middle. Antennæ 12-jointed; scape reaching posterior angle of head; first funicular joint as long as the three succeeding joints; joints 3–8 broader than long, joints 9–11 forming a club, the ninth distinctly narrower and shorter than the tenth, the terminal joint longer and considerably thicker than the two preceding joints. Thorax slender, somewhat broader in front than behind; rounded at the humeri, in profile convex in front and slightly concave behind on the dorsal surface, without mesoëpinotal constriction. Epinotal spines small, rather acute, not longer than broad at their bases, nor further apart than long, directed upward. In front and