

Very dark-brown, almost black. Mandibles, neck, funiculus and legs yellow; scape and club of antennæ and the middle of the femora and tibiæ infuscated; edges of mandibles black.

Type locality: Cañon City, Colo.

Described from four specimens collected by Rev. P. J. Schmitt, O.S.B., to whom I take pleasure in dedicating this very striking species. It is quite unlike any of the other described North American forms in the shape of the thorax and petiole and the smoothness of the head, pro- and mesonotum.

11. *Leptothorax nitens* Emery.

L. nitens Emery, Zool. Jahrb. Abth. f. Syst., VIII, 1894, pp. 318, 322, 323.

Worker (Pl. XII, fig. 15).—Length 2–2.25 mm.

Mandibles 5-toothed; basal teeth very small. Clypeus moderately convex, impressed in the middle and with sinuately excised anterior border. Antennæ 12-jointed; scape reaching to $\frac{2}{3}$ the distance between the eye and the posterior angle of the head; funiculus terminating in a distinctly 3-jointed club, the two basal joints of which are subequal in length, together decidedly shorter than the terminal joint; first funicular joint as long as the three succeeding joints together, joints 2–7 of the funiculus slightly broader than long, the 8th about as long as broad. Thorax slender, somewhat broader in front than behind; compressed laterally, pronotum rather prominent and square in front, humeri rounded; in profile the dorsal surface is somewhat flattened and without mesoëpinotal constriction. Epinotal spines very small, tooth-like, hardly as long as broad at their bases, directed upward, about as far apart as they are broad at their bases. Petiole about $1\frac{1}{2}$ times as long as broad, gradually widened behind when seen from above; in profile the node is very high, its anterior slope steep and concave, its summit very short and rounded, the posterior slope abrupt, the ventral tooth is distinct and pointed forward and downward. Petiole nodiform, a little broader than long, half again as broad as the petiole, its anterior angles much rounded. Gaster of the usual shape.

Mandibles smooth and shining, indistinctly striated and punctate. Clypeus smooth and shining, with a few longitudinal rugæ on its antero-lateral surfaces. Head very smooth and shining, minutely and sparsely punctate; sides of front, antennal foveæ and cheeks longitudinal rugulose. Thorax, petiole and postpetiole opaque, finely and regularly foveolate-reticulate. In some specimens more or less of the pro- and mesonotum is shining. Pleuræ faintly striated longitudinally. Gaster very smooth and shining.

Hairs moderately abundant, yellow; clavate on crown of head, thorax