

in the same pitfall trap station, but one in August and the second in October. The site is a low flat area covered with loose, volcanic ash. They are probably active primarily at night, based on the light color and large eyes. Barry Pullen found his series nesting in the soil in a desert scrub habitat.

***Leptothorax (Myrafant) lindae* new species**

Figs. 51, 52, 123, & 124; Map 22

Species complex: *andersoni*

Diagnosis: The antenna of the worker of this species is 12 segmented, the head finely and densely rugose, the rugae are fine, but are well separated from the surface, the intrarugal spaces are mostly smooth and glossy. The mesosoma is also coarsely rugose, especially the dorsum, the sides are partially punctate. The propodeal spines are large, long, and well developed, longer than the distance between the bases. The subpetiolar process is

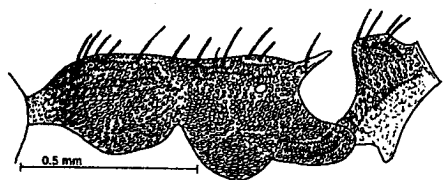


Fig. 123. Mesosoma of the holotype worker of *Leptothorax lindae*.

well developed, blunt tipped, the dorsum of the petiole is somewhat obliquely truncate (Fig. 123), but with rounded edges. The top of the petiole and postpetiole are punctate. The gaster is glossy and completely smooth and shining.

Distribution: South central California (Map 22).

Description

Worker measurement (mm):

HL 0.68-0.76, HW 0.58-0.62, SL 0.55-0.59, EL 0.16-0.17, WL 0.74-0.77, PW 0.17-0.19, PL 0.16-0.17, PPW 0.24-0.25, PPL 0.18-0.20. Indices CI 83-84, SI 78-81, PI 108-114, PPI 127-133.

Mandible with 5 teeth; anterior border of clypeus convex, medial clypeal carina well formed, 1 well developed lateral carina on each side of clypeus; vertex weakly concave; eyes extending slightly past sides of head; scape failing to reach occipital corner by first funicular segment; outline of mesosoma not broken at sutures; propodeum with well developed spines (total length 0.18mm); petiole thick in profile, but node relatively sharp (Fig. 123), subpeduncular process well devel-

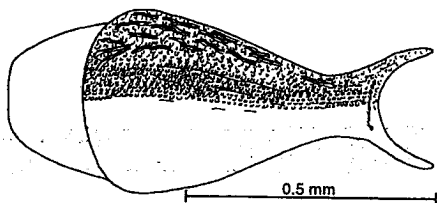


Fig. 124. Top of the mesosoma of the holotype worker of *Leptothorax lindae*. The sculpture is shown only on the right side.