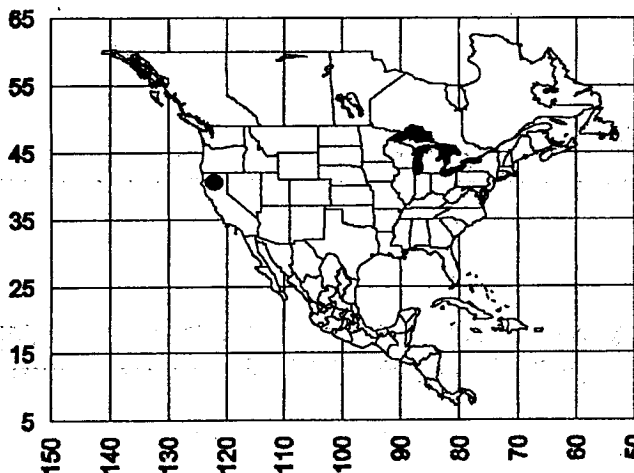


## Description

Worker measurement (mm): HL 0.67-0.70, HW 0.53-0.62, SL 0.52-0.53, EL 0.16-0.17, WL 0.68-0.72, PW 0.16-0.18, PL 0.13-0.14, PPW 0.21-0.23, PPL 0.14-0.16. Indices: CI 79-89, SI 76-78, PI 114-138, PPI 144-150.

Mandibles with apparently 5 teeth (mandibles closed), 3 apical most teeth well formed, 2 basal most teeth poorly developed; anterior border of clypeus convex, clypeus with several carinae, including medial carina; vertex concave; eyes extending past sides of head; scape failing to reach occipital corners by about first 2 funicular segments; mesosoma without impressions at sutures; propodeum with pair of well developed teeth; petiole with very sharp apex (Fig. 99), anterior petiolar face slightly concave, posterior face slightly convex.

Erect hairs sparse, most with blunt tips, some nearly spatulate,



Map 11. Distribution of *Leptothorax chandleri*.

especially on mesosoma; decumbent pubescence sparse.

Sculpture of dorsum of head consisting of punctures mixed with longitudinal striae, only central strip free of sculpture, concentric whorls posterior to insertions of antennae, mesosoma mostly punctate, dorsum with a few rugulae,

dorsal face of propodeum punctate, posterior face with transverse striae, sides and tops of petiole and postpetiole punctate, gaster glossy and shining.

Color: light yellow brown.

Female and male: Unknown.

Type series: Holotype worker (MCZC) and 2 paratype workers (University of New Hampshire, CWEM), USA: California, Tehama Co., Red Bluff, Samson Slough, 29-iv, 9-v-1984, D. S. Chandler.

Discussion: This species is closely related to *L. mariposa*, differing in that most of the head is sculptured, whereas the head of *L. mariposa* is nearly entirely smooth and shining.