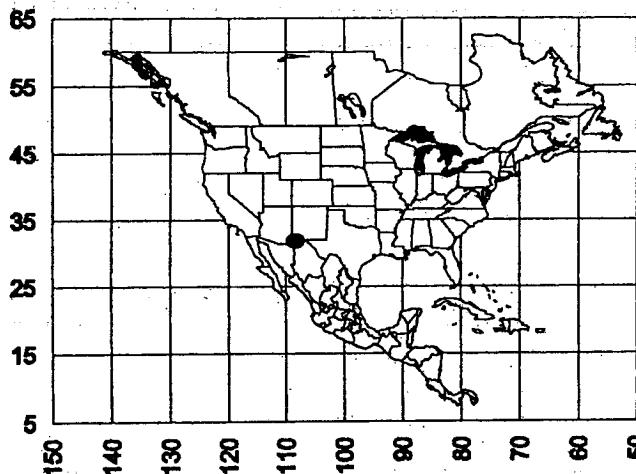


Female measurements (mm): HL 0.68, HW 0.62, SL 0.47, EL 0.22, WL 1.18, PW 0.27, PL 0.20, PPW 0.31, PPL 0.22. Indices CI 91, SI 68, PI 132, PPI 144.

Mandible with 5 teeth; anterior border of clypeus convex, medial carina well formed, several lateral carinae present; head narrowed slightly anteriorly; vertex convex; eyes extending well past sides of head; scape failing to reach occipital corner by first 2 funicular segments; propodeum without spines, but with lateral swellings; petiole thickened in profile with rounded node, subpetiolar peduncle moderately developed.



Map 16. Distribution of *Leptothorax emmae*.

Erect hairs abundant on head, mesosoma, petiole, postpetiole and gaster; decumbent hairs scarce, few present on head and gaster.

Sculpture on dorsum of head consisting of fine striae or rugulae, most surfaces moderately to strongly shining, dorsum of mesosoma with parallel striae,

sides of petiole and postpetiole very finely punctate with scattered rugae, dorsum of petiole with transverse striae, dorsum of postpetiole nearly smooth, with the few lateral striae, dorsum of gaster smooth and shining.

Dorsum of head dark brown, lower surfaces lighter, mesosoma, petiole and postpetiole yellow-brown, gaster dark brown.

Male: Unknown.

Type series: Holotype worker (MCZC), 115 paratype workers (AMNH, CASC, CWEM, FMNH, LACM, EMAU, MCSN, MCZC, MHNG, MZSP, USNM, UNAM), 1 paratype female (MCZC), New Mexico, Hidalgo Co., Peloncillo Mts., Coronado National Forest, 31°30'58"N 109°00'04"W, 21-iii-1998, Mackay family #17975; 54 paratype workers, same area, Cloverdale Creek, 31°26'25"N 108°58'29"W, 1491 m 19-iii-1998, Mackay family #17925.

Material examined: One hundred sixty nine workers, and 1 female