

flattened laterally, very wide at base; petiole in profile with relatively sharp apex (Fig. 102), section between upper base and apex straight, region posterior to apex rounded; anterior peduncle with well defined ventral flange which terminates anteriorly in blunt tooth.

Hairs numerous on body, 12 on submentum, 30 on dorsum of head (maximum length 0.07mm), 20 on dorsum of mesosoma (maximum length 0.10mm), petiole with 6 hairs on posterior of node pointing backwards and upwards (maximum length 0.11mm), 8 on posterior of postpetiole (maximum length 0.09mm).

Head punctate, dorsum of mesosoma with fine reticulated rugae, obscured in large part by punctures; side of mesosoma completely punctate with little evidence of rugae; basal face of propodeum with longitudinal striae, posterior face punctate; surfaces of petiole and post-petiole heavily punctate; dorsal surface of gaster strongly shining.

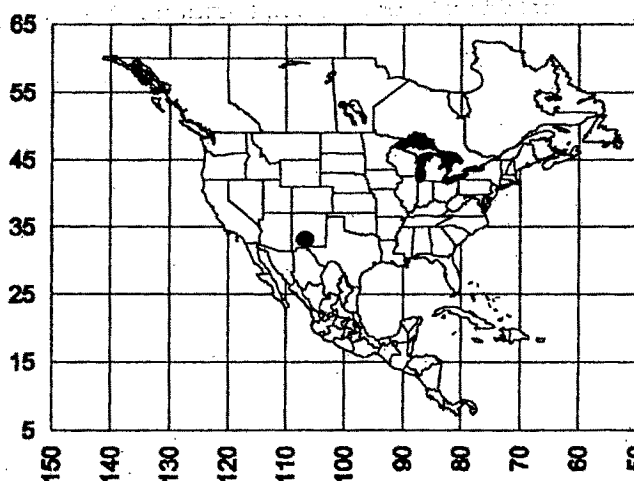
Color: pale yellow, eyes black, strongly contrasting with rest of specimen, mandibular teeth dark brown.

Female and male: Unknown.

Type series: Holotype worker (MCZC) collected in New Mexico, Doña Ana Co., 45k NE of Las Cruces on the Long Term Ecological Site.

Material examined: Holotype worker.

Etymology: This species is dedicated to the memory of Colleen "Coco" Adelia Whitford, daughter of our closest friends, Walter and Linda Whitford. Coco was born on Nov. 6, 1973 and died on Jan. 29, 1981 from Reyes Syndrome.



Map 13. Distribution of *Leptothorax coleaeae*.

Discussion: This species is clearly distinct from all other *Leptothorax* species. Although a small region posterior to the frontal area is somewhat smooth and shining, the head is almost completely punctated which would preclude any confusion with species such as *L. scarinatus*, *L. mariposa*, *L. nitens* or *L. adustus*, which usu-