

175-182.

Mandible with 3-5 teeth, most except apical poorly defined; median anterior border of clypeus convex, clypeus convex; eyes large, extending well past sides of head; ocelli large; scape short, approximately length of first 3 funicular segments; vertex weakly concave; propodeal armature nearly absent, area where spines normally occur simply bulging from surface and connected across propodeum to other bulge by carina; petiole as in worker, but lower and less acute.

Erect hairs sparse, those on head very short (less than 0.04mm), those on mesosoma slightly longer (up to 0.07mm), those on petiole long (0.12mm), gastral hairs slightly shorter (0.10mm); decumbent pubescence very sparse, few hairs only on head.

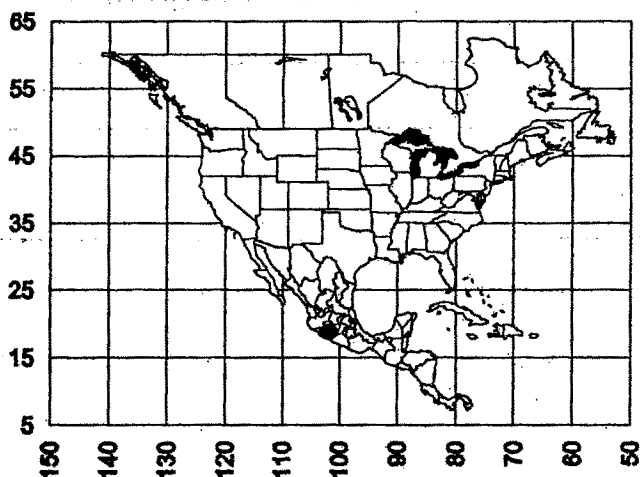
Sculpture very different than that of worker and female, dorsum and ventral surface of head completely punctate, rugae present near mandibles and near frontal carinae, clypeus with coarse rugae, a major ruga extending transversely across middle of clypeus, a smaller medial ruga extending from anterior margin of clypeus to this ruga, other rugae smaller, pronotum glossy with fine costulae on lower surface, scutum moderately shining, surface covered with costulae, mesopleural area mostly shining, side of propodeum with costulae, top with fine rugae, posterior face coriaceous, petiole and postpetiole with fine punctures and costulae, gaster smooth and shining.

Color medium brown.

Type series: Holotype worker (MCZC), 33 paratype workers (CWEM, MCZC, MHNG, UNAM, USNM), 1 paratype female (MCZC) and 3

paratype males (CWEM, MCZC, USNM); MEXICO, Michoacán, Parque Nacional Cerro Gárnica, 2700 meters, 25 May 1988, W. Mackay #10357, nest in soil. The site is one mile E of park entrance, 3.2 miles road distance from Pino Gordo, using odometer.

Material examined: Type series.



Map 8. Distribution of *Leptothorax brevispinosus*.