

0.29-0.31, PPL 0.24-0.25. Indices: CI 96-110, SI 29-32, PI 88-92, PPI 116-129.

Mandible with 5 teeth, only apical reasonably well developed; median anterior border of clypeus straight, clypeus convex, with medial carina and 3 on each side of clypeus, remainder of clypeus smooth; eyes large; ocelli well developed; scape very short, about as long as first 2 funicular segments; propodeum without spines, but with dull carinae at positions of armature; petiole without subpeduncular process, anterior petiolar face broadly concave, posterior face convex, petiolar node rounded in profile, weakly bilobate as seen from behind, with depressed, smooth area between lobes.

Hairs sparse, few on mandibles, 1 or 2 on propodeum, very few scattered on gaster.

Sculpture finer than in worker and female, granulate with poorly defined rugae on head, top of mesosoma striolate, side of mesosoma granulate with fine rugae, top of petiole and postpetiole mostly shining, gaster strongly shining.

Color: dark brown.

Type series: Holotype worker (MCZC), 41 paratype workers (AMNH, CASC, CWEM, FMNH, LACM, EMAU, MCSN, MCZC, MHNG, MZSP, USNM, UNAM), 1 paratype female (MCZC), and 6 paratype males (CASC, CWEM, LACM, MCZC, USNM), NEW MEXICO, Socorro Co., near Mount Withington, 33°48'32.2" 107°22'57.2", 7-viii-1994, 2185 meters, W. Mackay #16952. Additional 146 paratype workers from New Mexico; Hidalgo Co., Coronado National Forest, Clayton Draw, 20-iii-1998, Mackay family #17934 (CWEM), 76 paratype workers, 1 paratype dealate female, Coronado National Forest, Peloncillo Mountains, 21-iii-1998, Mackay family #17973 (CWEM), 52 paratype workers, 1 dealate paratype female same locality, 21-iii-1998, Mackay family #17974 (CWEM).

Material examined: Three hundred sixteen workers, 3 females and 6 males, including type series and NEW MEXICO, Sierra Co., 20.7 K 209° from Hillsburro, Road 888 off Highway 26, just inside the Gila Wilderness, 32°45'34.9" 107°40'13.7" 1720 meters, 3-ix-1995, W. Mackay #17213 (50 workers CWEM).

Etymology: This species is dedicated to the memory of my only son, Joseph Luis, born on March 25, 1984 and died on August 17, 1984 from an infection of *Hemophilus influenzae*.

Discussion: This species would key to *L. rugatulus* in Creighton (1950), but differs in being much larger (total length 3mm vs. 2.5mm or less in *L. rugatulus*) and bicolored (yellow brown with dark infuscation on head and gaster of *L. rugatulus*). In addition, the females are