

Fig. 119. Clypeus of a paratype male of *L. josephi*.

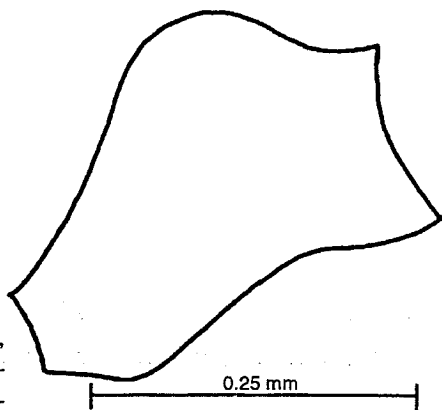
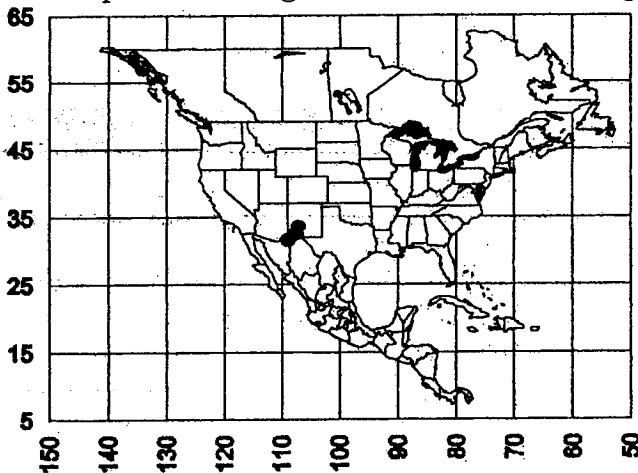


Fig. 120. Petiole of a paratype male of *L. josephi*.

length), covering most body surfaces, except antennae and legs; decumbent pubescence present on antennae and legs.

Entire head covered with coarse, longitudinal rugae, intrarugal spaces punctate and weakly shining, dorsum of mesosoma with longitudinal rugae, both faces of propodeum with transverse rugae, sides of mesosoma, including propodeum, with very rough sculpture, consisting of coarse, predominately longitudinal rugae, interspersed with coarse punctuation, gaster smooth and shining.



Map 20. Distribution of *Leptothorax josephi*.

Bicolored, head and gaster black, mesosoma reddish brown.

Female (dealate) measurements (mm): HL 0.90, HW 0.83, SL 0.62, EL 0.25, WL 1.58, PW 0.37, PL 0.35, PPW 0.44, PPL 0.23. Indices: CI 92, SI 69, PI 106, PPI 191.

Similar to worker in most aspects, except possessing ocelli and having

mesosoma modified for flight. Propodeal spines more robust and relatively shorter, petiole nearly identical in shape.

Male measurement (mm): HL 0.62-0.77, HW 0.68-0.74, SL 0.20-0.22, EL 0.34-0.35, WL 1.36-1.45, PW 0.23-0.28, PL 0.25-0.32, PPW