

complex is a Mexican group, with a single species (*L. hispidus*) which barely enters the southern United States. This complex includes *L. hispidus*, *L. peninsularis* and *L. punctaticeps*.

KEY TO THE WORKERS OF THE SPECIES OF THE *HISPIDUS* COMPLEX

1. Hairs on scape completely decumbent (Fig. 26, left); Baja California *peninsularis* Wheeler
- Hairs on scapes suberect (Fig. 26, right); southern United States and eastern México 2
- 2(1). Mesopropodeal suture deeply impressed (Fig. 5); dorsum of head with coarse rugae; dorsum of first gastral tergum finely punctate or finely striate (Fig. 12, left) *hispidus* Cole
- Mesopropodeal suture not deeply impressed, outline of mesosoma in the same plane and broadly rounded (Fig. 149); dorsum of head densely and finely punctate, with striae; first gastral tergite smooth and glossy (Fig. 12, right) ***punctaticeps*** new species

longispinosus species complex

Members of this species complex can be recognized by the 11 segmented antenna, the petiolar node is obliquely truncate and sloping posteriorly, the mesosoma is roughly sculptured in most species, and the head is roughly sculptured in some of the species, smooth and shining in others. The clypeus has a single medial carina and 2 prominent lateral carinae, as well as additional carinae. It could be confused with the *tricarinatus* species complex, but differs in having a 11-segmented antenna. Members include *L. josephi*, *L. longispinosus*, *L. rugatulus*, and *L. tuscaloosae*.

KEY TO THE WORKERS OF THE SPECIES OF THE *LONGISPINOSUS* COMPLEX

1. Head mostly smooth and shining (Fig. 72, left) 2
- Head covered with coarse rugae or striae (Fig. 72, right) 3
- 2(1). Mesosoma coarsely sculptured, with mixture of rugae and punctures (Fig. 70) *longispinosus* Roger
- Mesosoma finely sculptured, nearly smooth (Fig. 71) *tuscaloosae* Wilson
- 3(1). Larger species, total length over 3mm; bicolored (head and gaster dark, mesosoma lighter); New Mexico ***josephi*** new species
- Smaller species, total length less than 3mm; rarely bicolored; widely distributed *rugatulus* Emery