

- 136); southeastern Arizona, southern New Mexico, western Texas ..... *neomexicanus* Wheeler
- 16(4). Eye elongate, kidney-shaped (Fig. 16, right); first gastral tergum finely punctate (Fig. 12, left) ..... *obliquicanthus* Cole
- Eye not kidney shaped (Fig. 16, left); first gastral tergum smooth and shining (Fig. 12, right) ..... 17
- 17(16). Dorsum of postpetiole covered with coarse rugae (Fig. 57, left) ..... *texanus* Wheeler
- Dorsum of postpetiole covered with punctures (Fig. 57, right), if any rugae are present, they are fine and form reticulations with punctures ..... 18
- 18(17). Postpetiole wide, at least half width of gaster (Fig. 57, right); eastern USA ..... *davisi* Wheeler
- Postpetiole not greatly widened, much narrower than half width of gaster (Fig. 57, left); western USA ..... 19
- 19(18). At least part of head smooth and shining (Fig. 25, right) ..... *neomexicanus* Wheeler
- Entire head punctate or striolate (Fig. 36, left), very weakly shining ..... 20
- 20(19). Propodeal spines straight; nests in soil (Fig. 51) ..... *nevadensis* Wheeler
- Propodeal spines slightly bend downwards (Fig. 48); nests in plant cavities ..... *gallae* Smith

#### LIST OF THE NORTH AMERICAN SPECIES IN THE SUBGENUS MYRAFANT

#### ***Leptothorax (Myrafant) adustus* new species**

Figs. 31, 32, 35, 80, & 81; Map 1

Species complex: *nitens*

Diagnosis: This is a small, dark species with very tiny propodeal spines (Fig. 80), the node of the petiole has a relatively sharp apex and the ventral surface of the peduncle has a small tooth or at least a bump. The antenna has 12 segments. The head is usually partially smooth and shining, although this lack of sculpture may be restricted to only a slender strip.

Distribution: México: Chihuahua, and northern New Mexico (Map 1).

#### **Description**

Worker measurement (mm): HL 0.64-0.70, HW 0.54-0.65, SL 0.49-