

- as wide as gaster (Fig. 57, right); New York south to Florida .....  
 ..... *davisi* Wheeler
- Postpetiole usually less than 1.6 X as wide as petiole and less than half as wide as gaster; middle and western USA south into western México ..... 45
- 45(44). Sculpture on dorsum of head consisting primarily of striae or very fine rugulae (or finely punctate) (Fig. 58, left); side of petiole without rugae or rarely with rugulae (Fig. 60); often concolorous pale yellowish-brown (rarely dark brown), gaster often slightly darker. .... 46
- Sculpture on head consisting of fine rugae (Fig. 58, right); side of petiole with rugae which are not obscured by punctures (Fig. 59); concolorous dark brown; middle and western USA .....  
 ..... *tricarinatus* Emery
- 46(45). Side of pronotum weakly shining with well-defined parallel striae (Fig. 60); México (Michoacán and Hidalgo) ..... 47
- Side of pronotum dull and granulate or punctate, or with poorly defined parallel striae (Fig. 59); southwestern USA and NW México ..... 48
- 47(46). Propodeal spines poorly developed (Fig. 60), but present; rugulae on pronotum well defined and extending posteriorly onto mesonotum ..... ***rugulosus*** new species
- Propodeal spines consisting of tiny angles; fine rugae on pronotum poorly defined, dorsum of mesonotum punctate .....  
 ..... ***rugithorax*** new species
- 48(46). Propodeal armature consisting of simple angles (Fig. 61); light brown ..... *carinatus* Cole
- Propodeal spines well developed (Fig. 62), length at least  $\frac{1}{3}$  the distance between bases of the spines; petiole obliquely truncate (Fig. 62); dark brown ..... *neomexicanus* Wheeler
- 49(6). Propodeal spines short or dentiform (Fig. 63), length less than  $\frac{1}{2}$  distance between bases; often concolorous dark brown ..... 50
- Propodeal spines longer than  $\frac{1}{2}$  distance between bases (Fig. 64); ranging from yellowish-brown to concolorous dark-brown or bicolored ..... 53
- 50(49). Dorsum of head densely punctate, mixed with striae (Fig. 65, left); distributed over much of the United States ..... 51
- Dorsum of head partially smooth and shining (Fig. 65, right); New Mexico and México ..... 52
- 51(50). Node of petiole broadly rounded (Fig. 66); eastern half of USA (west to Kansas, Oklahoma & Texas) ..... *schaumii* Roger
- Node of petiole with sharp apex (Fig. 63); known only from California