

- 6(5). Head densely and evenly punctate (Fig. 41, left) ..... *coleenae* new species  
   — Head with rugae ..... 7
- 7(6). Postpetiole widened (Fig. 46), about 1.5 X or more width of petiole ..... 8  
   — Postpetiole not noticeably widened as seen from above, about 1.25 X width of petiole (Fig. 45) ..... *stenotyle* Cole
- 8(7). Rugae on dorsum of head coarse (Fig. 58, right); propodeal spines small, but developed (Fig. 59); distributed in much of USA south into northern México ..... *tricarinatus* Emery  
   — Sculpture of head fine, consisting of rugulae (Fig. 53, left); propodeal armature consisting of small angles; Hidalgo .....  
     ..... *rugithorax* new species
- 9(5). Much of dorsum of head, especially posterior half, smooth and glossy (Fig. 31, left) ..... 10  
   — Entire head, except for central area, covered with fine striae (Fig. 31, right) ..... 12
- 10(9). Propodeal armature consisting of blunt angles (Fig. 32); pale brown or yellow, or dark brown; New Mexico, Texas, and Chihuahua ..... 11  
   — Propodeal spines small, but developed and acute (Fig. 151); dark brown; central México ..... *punctithorax* new species
- 11(10). Pale brown or yellow; subpetiolar process large (Fig. 100) ....  
     ..... *cokendolpheri* new species  
   — Dark brown; subpetiolar process small (Fig. 80) .....  
     ..... *adustus* new species
- 12(9). Hairs on scape raised above surface, may be semierect (Fig. 26, right) ..... 13  
   — Hairs on scape appressed (Fig. 26, left) ..... 15
- 13(12). Node of petiole with relatively sharp apex (Fig. 99); California ..... *chandleri* new species  
   — Node of petiole blunt and rounded as seen in profile (Fig. 61); southwestern United States and México ..... 14
- 14(13). Node of petiole relatively high, height above posterior peduncle nearly equal to thickness of petiole at same point (Fig. 61); southwestern US and northern México (Chihuahua) ..... *carinatus* Cole  
   — Node of petiole lower, height above posterior peduncle about half thickness of petiole at same point (Fig. 60); Michoacán .....  
     ..... *rugulosus* new species
- 15(12). Pale brown or yellow; subpeduncular process well developed (Fig. 109); central Colorado and Wyoming ..... *furunculus* Wheeler  
   — Dark brown; subpeduncular process consisting of small bump (Fig.