

- right), region adjacent to central strip with fine punctures or costulae; dorsal surface of postpetiole densely punctate (Fig. 33, left) 23
- 23(22). Eyes small, distance from insertion of mandible to anterior border of eye about 1.2 X maximum diameter of eye (Fig. 30, right); New Mexico and southern Texas **cokendolpheri** new species
- Eyes larger, distance from insertion of mandible to anterior border of eye about equal to maximum eye diameter (Fig. 31, left); central México (state of México) **punctithorax** new species
- 24(21). Much of the dorsum of head smooth and shining (Fig. 30, right); petiolar node in profile with very sharp apex (Fig. 29) 25
- Head usually with only a central strip free of sculpture (Fig. 31, right); petiolar node in profile with a relatively sharp apex (Fig. 32) 26
- 25(24). Posterior surface of petiolar node with punctures (Fig. 33, left); New Mexico **melinus** new species
- Posterior surface of petiolar node with fine rugulae (Fig. 33, right); Oregon, California and Arizona **mariposa** Wheeler
- 26(24). Dorsum of pronotum mostly glossy with a few longitudinal fine striae, but with little or no evidence of punctures (Fig. 34, left); region between propodeal spines finely punctate, nearly smooth **nitens** Emery
- Dorsum of pronotum punctate with little evidence of striae (Fig. 34 right); region between spines sculptured with fine rugae, or punctate 27
- 27(26). Propodeal spines well developed (Fig. 34, right), at least $\frac{1}{2}$ length of distance between bases of spines, often as long as distance **maryanae** new species
- Propodeal spines small to tiny, total length less than $\frac{1}{2}$ distance between bases (Fig. 35) 28
- 28(27). Dark brown; propodeal armature consisting of blunt angles (Fig. 35, left), region between propodeal angles with fine transverse rugae; known only from the state of Chihuahua, México, nesting under bark of cottonwood trees **adustus** new species
- Light yellow brown; propodeal spines small, but acute (Fig. 35 right), region between propodeal spines punctate; California (in litter) ... **chandleri** new species
- 29(15). Head densely and evenly punctate, never with central strip free of sculpture (Fig. 36, left), without striae or rugae, or rarely with punctures in rows that may form weak striae; pale yellow to light brown with black eyes 30
- Head usually with striae or rugae as well as punctures (Fig. 36,