

- dorso-ventrally, the posterior one-third of the head, seen in profile, with dorsal and ventral surfaces converging notably toward the crest of the lobe 58
- Head of the major without a flattened area extending posteriorly from the antennal fossa; the occipital lobes not compressed dorso-ventrally, thick and evenly rounded when seen in profile, and not sharply set off from the anterior part of the head *yaqui*
58. Major with the dorsum of the pronotum covered with numerous, coarse, reticulate rugae in addition to the more nearly parallel transverse rugae on the anterior face and on the neck; interrugal surfaces heavily coriaceous, opaque or nearly so *xerophila* subsp. *tucsonica*
- Major with the dorsum of the pronotum bearing few or no rugae, the rugae mainly restricted to the anterior face and neck of the pronotum, and not noticeably reticulate; interrugal surfaces smooth to slightly coriaceous, moderately to strongly shining 59
59. Postpetiole of the major trapezoidal, the lateral connules short and obtuse; color golden yellow to dull yellow, head of the minor sometimes infuscated *gilvescens*
- Postpetiole of the major strongly transverse, with long lateral connules; color ferruginous red to blackish red, the minor piceous brown *xerophila*
60. Vertex and occiput of the minor with small, close-set punctures which give the surface a noticeably duller appearance on those parts than elsewhere on the head 61
- Vertex and occiput of the minor strongly shining or only slightly less shining than the rest of the head, the punctures widely scattered over the whole head 62
61. Basal face of the epinotum of the major sculptured and opaque *casta*
- Basal face of the epinotum of the major in large part shining, its sculpture restricted to punctures near the mesoepinotal suture *cerebrosior*
62. Basal face of the epinotum of the major free from sculpture and strongly shining *humeralis*
- Basal face of the epinotum of the major distinctly sculptured, feebly shining and opaque 63
63. Sides of the epinotum of the minor largely free from sculpture and strongly shining *tysoni*
- Sides of the epinotum of the minor densely punctured, feebly shining and opaque 64
64. Lateral connules on the postpetiole of the major prominent and sharp pointed *pinealis*
- Lateral connules on the postpetiole of the major blunt and not prominent 65
65. Erect hairs on the thorax of the minor short, sparse, and strongly clavate *marcidula*
- Erect hairs on the thorax of the minor long, abundant and, although often blunt at the tips, not clavate 66