

8. Antennal scape of the major reaching three-fourths or more of the distance between its insertion and the occipital angle ..... 9  
     Antennal scape of the major reaching two-thirds or less of the distance between its insertion and the occipital angle ..... 14
9. The entire dorsal surface of the head of the major covered with reticulo-rugose sculpture, the interrugal spaces granulose ..... 10  
     The reticulo-rugose sculpture of the head of the major largely confined to the anterior half, the occipital lobes punctate or feebly granulose, the surface moderately to strongly shining at least on the posterior half of the head ..... 12
10. Head of minor densely sculptured and completely opaque; postpetiole transversely oval and twice as wide as the node of the petiole ..... *texana*  
     Head of the minor in part, especially the frons, strongly shining and smooth, the rest punctate; postpetiole globular and less than twice as wide as the node of the petiole ..... 11
11. Pronotal rugae of the major coarse, transverse, and with interrugal spaces notably shining; petiolar notch broad and shallow; gastric hairs long, nearly of equal length, coarse, blunt at the tips, and widely spaced ..... *sciara*  
     Pronotal rugae of the major weak and somewhat reticulate, with interrugal spaces granular, subopaque; petiolar notch feeble; gastric hairs short, uneven in length, fine, pointed at the tips, and more numerous ..... *cockerelli*
12. Head of minor densely punctate, opaque; erect hairs on the gaster of the major sparse and widely spaced ..... *vallicola*  
     Head of the minor smooth and shining; erect hairs on the gaster of the major numerous, long, and closely spaced ..... 13
13. Head of major measuring 1.4 mm. × 1.3 mm.; female 7 mm. in length ..... *hyatti*  
     Head of major measuring 1.2 mm. × 1.1 mm.; female 5 mm. in length ..... *hyatti* subsp. *solitanea*
14. Occipital lobes of the major striato-granulose and scarcely shining ..... *subdentata*\*  
     Occipital lobes of the major strongly shining and bearing piligerous punctures only ..... 15
15. The flattened basal portion of the scape of the major notably broader than the distal portion ..... *porcula*  
     The flattened basal portion of the scape of the major no wider than its distal portion ..... 16
16. Erect gastric hairs, when present, much longer and coarser than the fine appressed pubescence ..... *crassicornis*

\* The strongly polymorphic worker caste of *subdentata* is a source of considerable confusion. The larger medias run through the key to *hyatti* or *cockerelli*, from which they would differ in having more rugose occipital lobes. The smaller medias approach the condition found in the major of *desertorum*, but have shorter and more numerous erect hairs on the thorax and gaster. For recent changes in the nomenclature of this and related species, see discussion at the end of this paper.