

TABLE I — SOLDIERS (MAJOR WORKERS)

Character	<i>Pheidole creightoni</i>	<i>Pheidole pilifera</i>	<i>Pheidole p. artemisia</i>	<i>Pheidole p. coloradensis</i>	<i>Pheidole p. pacifica*</i>	<i>Pheidole senex</i>
Cephalic sculpture	Heavy transverse occipital rugae; vertex smooth; frons longitudinally striated to finely rugulose; brightly shining	Coarse longitudinal striations on rugae cross whole length of head; pegsome reticulate on occiput; opaque	Longitudinal rugae fade out on vertex, leaving only hair punctures; vertex rather shining; occipital rugae reticulate	Strong longitudinal rugae fading out toward occiput; entire head finely granulate; vertex and occiput with coarse piligerous foveolae; opaque	Feeble transverse occipital striae, confined to the top of the occiput; vertex strongly shining	Longitudinal rugae on frons; transverse rugae on occiput converging to furrow; interrugae granulate, subopaque; vertex smooth and shining
Body sculpture	Almost completely shining; thoracic sculpture only on mesopleurae and epinotal pleurae; gaster shining smooth	Interrugal sculpture granulate; thorax, petiole, postpetiole opaque; gaster granulate, weakly shining	Opaque; sculpture as in typical <i>pilifera</i>	Thorax granulate; faint irregular rugae; opaque; gaster shagreened but slightly shining	Dorsum of the pronotum smooth and shining; pleurae finely rugulose; epinotum, petiole and postpetiole punctate	Thorax opaque; pleural rugae longitudinal, dorsal rugae transverse to interrugar; petiole, postpetiole, gaster granulate
Measurements	Length, 3.80 mm. Head index, 0.92 (average 10 individuals)	Length, 4.47 mm. Head index, 0.95 (average 10 individuals)	Length, 3.83 mm. Head index, 0.88 (1 individual)	Length, 4.67 mm. Head index, 0.94 (average 10 individuals)	Length, 4.50 mm. Head index, 0.93 (2 individuals)	Length, 5.41 mm. Head index, 0.91 (average 10 individuals)
Humeral angles	Well-developed in most individuals	Prominent; marked by fine rugae	Well-developed; marked by fine rugae	Prominent	Prominent	Very prominent
Postpetiole	Conules prominent and sharp	Conules present but blunt	Conules like those of <i>pilifera</i>	Conules prominent and sharp	Conules present but blunt	Conules decidedly prominent, sharp
Clypeal notch	Well-marked; concave	Shallow and V-shaped	Very shallow	Very shallow	Shallow and concave	Shallow and concave
Color	Head bright yellowish red; thorax brownish red; gaster dark brown	All reddish brown; frons and vertex slightly redder	Dark reddish brown	Body dark reddish brown; head and gaster somewhat lighter	Head yellowish red with a brown spot on vertex; thorax and gaster brown	Head brownish red; thorax dark brown; gaster light brown
Body sculpture	Entire body brightly shining; only mesopleurae and epinotal pleurae slightly granular	Head granulate and finely longitudinally striate, opaque; thorax, petiole and postpetiole granulate; gaster shagreened but shining	Sculpture very similar to that of <i>pilifera</i> , except that pronotum and epinotal pleurae are somewhat shining	Entire head, thorax, and petiole granulate; head also with fine, longitudinal rugae, opaque; postpetiole smooth dorsally; gaster shagreened	Head finely, longitudinally rugulose and punctate; subopaque	Very similar to <i>coloradensis</i> except postpetiole granulate dorsally
Postpetiole	Postpetiole broad, twice as wide as petiole	Postpetiole broad, about 2¼ times as wide as petiole	Postpetiole broad	Postpetiole narrow, 1½ times as wide as petiole		

TABLE II — WORKERS

* Specimens not seen. The species is known only from types in the American Museum of Natural History, the Museum of Comparative Zoology, and the collection of W. S. Creighton. Data were obtained from the literature and from Dr. Creighton.