

Integumental sculpture.

♂	strongly shagreened and opaque.	♂	minutely punctate and opaque.
♀	finely shagreened and very shiny.	♀	minutely punctate and opaque.
♀	finely shagreened and very shiny.	♀	minutely punctate and opaque.

ECOLOGY.

Nest site and structure.

Open, dry grasslands of Transition zone.	Open woodlands of Transition zone.
Dense vegetation encircling nest.	No vegetation encircling nest.
Shape — domelike.	Shape — domelike.
Diameter — 16 in. (approx.)	Diameter — 4 ft. (approx.)
Height — 6 in. — 8 in.	Height — 2 1/2 ft. — 4 1/2 ft.

Nuptial flight.

Middle to end of June.	Latter part of May to early June.
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DISTRIBUTION.

<i>United States.</i>	<i>Canada.</i>	<i>United States.</i>	<i>Canada.</i>
New Mexico.	British Columbia.	California.	British Columbia.
Oregon.		Oregon.	
		Washington.	

FEMALE (fig. 4,A).

Body length.—(From the front margin of the head to the hind margin of the abdomen, the body being in the same position as in figure 4,A) 6.6—9.5 mm.

Mesonotal width.—(Immediately in front of the tegulae) 1.0—1.3 mm.

Head.—Occipital border straight or slightly convex; occiput and front with one to three long erect hairs; anterior border of the clypeus with a row of erect hairs; disk of the clypeus with zero to four erect hairs, gula with one to three erect hairs; compound eyes covered with short, fine, golden, erect hairs; pilosity consisting of widely spaced, short, inconspicuous, golden hairs; integument minutely shagreened to smooth and very shiny.

Thorax.—The 10 to 12 erect hairs of the dorsum much shorter and more obscure than those of the head; tegumental sculpture slightly stronger than that of the head and not as shiny; pilosity longer and more abundant than that on the head.

Petiole.—Dorsal margin convex, sometimes impressed in its middle portion.

Abdomen.—Erect hairs of all but the apical two tergites widely spaced, about as long as those of the head and mostly confined to the apical margins; erect hairs of the apical two tergites and all the sternites approximately a third longer; pilosity of the tergites short and fine, barely obscuring the smooth, shining integument.

Color.—Apparently relatively stable; ground color of head, thorax, and petiole yellowish-red; fuscous markings on mandibles, anterior margin