

On sides of propodæum the yellowish-white hair is more or less mixed with black. Coxæ, trochanters and bases of femora on inner side with whitish hair. Clothing of femora elsewhere brownish black. Corbiculæ rusty yellow. Integument of posterior tibiæ dark brown; of tarsi light yellowish-brown. Tarsi clothed with fine, bright yellowish-brown pubescence. Wings slightly stained with brown, nervures brown.

Dorsal surface of abdomen: First segment clothed on each side with a tuft of ochreous-yellow pubescence, the space between being bare, or nearly so; second segment clothed with black, slightly mixed with yellowish, except apical sides, where pubescence is pale ochreous-yellow; third segment clothed similarly to second segment, except on extreme sides, where the pubescence is also pale ochreous-yellow; fourth segment entirely clothed with pale ochreous-yellow pubescence; fifth segment clothed with black, more or less mixed with yellowish pubescence and with a yellowish fringe on apical margin; sixth segment scantily clothed with short black and brownish hair, at apex, brownish, velvety. Ventral surface: Segments two, three, four and five are fringed apically with yellowish-white hair. Specimens from Prof. R. A. Cooley, taken at Middle Cr. Canon, Bridgen Canon and Bozeman (elev. 4,800 ft.), Montana, in June and July, 1899, and July, 1901, respectively.

Colour variety A. Differs from type only in following details of colour: clothing of second and third abdominal segments above, entirely black, except for a few yellow hairs on apical sides of third segment.

From Prof. R. A. Cooley, taken at Bridger Mt., Montana, elev. 6,000 ft., June, 1899.

Colour variety B. Differs from type only in colour of clothing of third abdominal segment above, which is entirely ochreous-yellow, except for a narrow band of black extending along the middle of the dorsum, from the anterior to posterior margin of the segment, and a few black hairs on the sides.

From Prof. R. A. Cooley, taken at Bozeman, Montana, elev. 4,800 ft., June, 1901.

Described from three ♀ specimens; one, the type deposited in the collection of the Mass. Agric. College; co-types deposited, one at the U. S. Nat. Museum and one in the collection of the Montana Agricultural College. Varieties A and B were described from one ♀ specimen of each, both in the collection of the Mass. Agric. College.

I take pleasure in naming this species after my friend, Prof. R. A. Cooley, of the Montana Agric. College.