

the second cubital cellule at the top is half the length of the space bounded by the recurrent nervures.

Not unlike *A. apicipennis*, but smaller, and easily known from it by the thorax and head being densely clothed with long hair; the much more strongly rugose pleuræ and median segment; the shorter abdomen; and the pygidial area much more clearly raised at the edges, and furrowed on the inner side of them, the edges, moreover, being spinose throughout. The first cubital cellule is clearly longer than the second.

b. *Abdomen red.*

✓ 5. ***Astata kohli***. (Tab. V. fig. 2, head from in front; 2a, antenna.)

Nigra, nitida, segmento mediali opaco; abdomine rufo; alis fumatis, basi fere hyalinis. ♀.
Long. fere 8 millim.

Hab. MEXICO, Ventanas in Durango 2000 feet (*Forrer*).

Head almost transverse, distinctly broader than the thorax, rather strongly, but sparsely, punctured on the top; the face and vertex closely and rugosely punctured, almost opaque; clypeus shining, sparsely punctured. Eyes slightly converging towards the top; ocelli in a triangle. Clypeus projecting in the middle, and with three short, stout teeth there, broadly and roundly carinate down the centre. Mandibles broadly red before the apex. Antennæ stout; the third joint one fourth longer than the succeeding. Pro- and mesonotum shining, covered with large scattered punctures, the mesonotum with two indistinct fine furrows in the centre towards the apex, the space bounded by these being depressed; pleuræ rugose, opaque; sternum shining, sparsely punctured. Median segment opaque, finely rugose, the apex oblique and coarsely transversely rugose. Abdomen a little shorter than the thorax, shining, sparsely haired. Pygidial area shining, finely aciculate, indistinctly margined laterally, the apex rounded. Appendicular cellule longer than the radial, which is not much longer than the second and third cubital cellules united; the second cubital cellule at the top and bottom is wider than the third, and at the top is narrower than the space bounded by the recurrent nervures, which are received near the apical and basal fourth of the cellule; the second transverse cubital nervure is straight, the first is slightly bent, the third is broadly curved outwardly. Legs: the coxæ and femora bearing black hair; the tibiæ and tarsi moderately spinose.

✓ 6. ***Astata picta***.

Astutus pictus, Kohl, Verh. zool.-bot. Ges. Wien, xxxviii. p. 146¹.

Hab. MEXICO (*Bilimek*¹).

Allied to *A. kohli*, but easily known from it by the clypeus only projecting (not toothed) in the middle.