

anterior border of mesothorax with the two hair patches distinct; scutellum not tuberculate in middle; axillar spines large, slightly curved; base of mesothorax without conspicuous pits; wings darkened apically; first r. n. meeting first t. c.; abdomen with hair bands as in *C. quercina*; apical structures of the same type as in *C. quercina*, but the median spine large; fourth ventral bidentate.

*Coelioxys hirsutissima*, n. sp.—Male; Kenworthy, San Jacinto Mts., Calif., 5,000 ft., June 8 (F. Grinnell, jr.).

Length about  $8\frac{1}{2}$  mm. (abdomen retracted); black, with white hair, abundant on head and thorax, and forming entire apical bands (but no subbasal ones) on all the abdominal segments; eyes light green, with long hair, as in *C. erysimi*; antennæ black; apical half of mandibles red; tegulæ red; legs red, with white hair; cheeks hairy; scutellum not tuberculate in middle; axillar teeth rather short; fifth abdominal segment without lateral spines, sixth with slender lateral spines; apex quadridentate, the two lower teeth broad, hardly so far apart as the length of one, slightly curved inwards; ventral hair bands very dense; ventral segments with numerous fine punctures, producing a rather rugose effect, wholly different from the smooth surface, with scattered strong punctures, of the venter of *C. erysimi*, *quercina* and *fragariae*.

The following table compares the above-described species with various other male *Coelioxys*:

Abdominal bands bright orange-ferruginous, confined to the apices of the segments; no median tooth in apical emargination of abdomen (Assam).....	<i>turneri</i> Ckll.
Abdominal bands not orange or red .....	1.
1. Apex of abdomen red, each apical lobe strongly tridentate; anterior coxæ without spines (Willowmore, Cape Colony; ( <i>Brauns</i> ).....	<i>afra</i> Lepeletier.
Apex of abdomen not red.....	2.
2. Apex of abdomen multidentate, each lobe with more than two teeth. 3.	
Apex of abdomen quadridentate, or quinquentate by reason of a small median tooth.....	8.
3. Segments 2 to 5 with hair bands at apex only; mandibles red (Willowmore, Cape Colony; <i>Brauns</i> ).....	<i>difformis</i> Friese.
Segments 2 to 5 with basal or subbasal hair bands, interrupted in middle; mandibles black; fourth ventral segment strongly bidentate apically; anterior coxæ with conical, stout, rather short spines; hind spurs red.....	4.