

- flagellum not twice as long as broad; metathoracic carinæ and spines prominent; petiole smooth, polished; second segment of abdomen evenly punctured; abdomen red; apex of 4th and base of 5th segments black, rest of apex white. Length 6.5 mm. LUZERNENIS, n. sp.
17. Thorax entirely rufous. 22.
Thorax more or less black. 18.
18. Scutellum white; pleura, propodeum and legs rufous; white annulus on antennæ. 19.
Scutellum black or rufous. 21.
19. Antennæ as long as body, or longer. 20.
Antennæ considerably shorter than body; anterior orbital line white, interrupted medially; metathoracic carinæ and spines inconspicuous; petiole broad apically, roughened, very finely subaciculate; abdomen moderately broadly oval, rufous; fifth segment fuscous, apex white. SIGNATUS, Provancher.
20. Antennæ longer than the body; anterior orbital broad, not interrupted, also a fine posterior orbital line present; a bright white stripe on anterior margin of prothorax; propodeum, legs, pleura, stains on mesonotum and abdomen, except base of petiole, rufous; metathoracic carinæ and spines somewhat more strongly marked than in *signatus*; petiole not so broad apically, and abdomen more narrow and longer than in that species; petiole sub-polished at apex, laterally carinate. ORNATUS, Provancher.
- Antennæ as long as body; prothorax, mesonotum and abdomen beyond second segment black, remainder of insect rufous; broad orbital lines, face except transverse spot above clypeus, clypeus except central apical spot, scape beneath, collar, humeral line, line beneath each wing, stripes on mesonotum and mesopleura, two spots on metathorax above hind coxæ, broad apical margin on all abdominal segments, more or less of anterior coxæ and trochanters, white, apex of femora, apical third of tibiæ posteriorly and tarsi of hind legs black; metathorax rugose; superior area subpolished; petiole very broad, finely and rather sparsely punctured. *BAKERI, Davis.
21. Antennæ without white annulus. One specimen of *consors* that I have seen has the propodeum slightly rufous. CONSORS, Cresson (pars.)