

- tion first costal division (that beyond humeral vein) over half as long as second; interfrontalia entirely reddish; orbital and dorso-central bristles weak; proboscis and palpi fuscous; food-plant unknown. Ill.....*albidohalterata* Malloch.
- Last section of fifth vein subequal to preceding section; first costal division half as long as second; interfrontalia infuscated on upper half; orbital and dorso-central bristles strong; proboscis and palpi orange-coloured. Food-plant unknown. D. C., Pa., Ill.....*varifrons* Coquillett.
10. Lateral margins of mesonotum broadly pale yellow.....11
Lateral margins of mesonotum narrowly, or not at all, yellow, the pale colour confined almost entirely to the suture or to the extreme upper margin of the pleuræ.....12.
11. Frons with the centre stripe pale yellow; orbits sometimes blackened posteriorly; legs black, knees never yellow. Larvæ mining leaves of *Malva*, *Verbena*, *Solidago*, *Helianthus*, etc. General.....*jucunda* V. d. Wulp.
- Frons with centre stripe more or less blackened; legs with knees pale yellow. Larvæ mining leaves of oats, wheat and other cereals. General.....*coquilletti* Malloch.
12. Palpi yellow. Food-plant unknown.
General.....*longipennis* Loew.
Palpi black.....13.
13. Legs entirely black.....13.
Legs in part yellow.....15.
14. Shining black species, very slightly dusted; interfrontalia yellow; thoracic bristles very long; 4 pairs of strong dorso-centrals; last section of fourth vein three times as long as preceding section. Food-plant unknown.
Mont.....*rutiliceps* Melander.
- Opaque black, pollinose species; thoracic bristles distinct from setulæ; abdomen entirely black; frons reddish anteriorly, black posteriorly. Larvæ mining in cambium of *Amelanchier canadensis*. W. Va.....*amelanchieris* Greene.
- Opaque black, pollinose species; interfrontalia yellow; thoracic setulæ long, dorso-centrals scarcely distinguishable from them except the posterior pair; last section of fourth vein