

4. Lateral margins of mesonotum concolorous with disc; pleurae entirely yellow. Food-plant unknown.
 - Ill.....*pleuralis* Malloch.
 - Lateral margins of mesonotum yellow; pleurae with dark marks.....5
5. Very small species, 1 mm. in length; frons subquadrate; mesonotum with 3 pairs of dorso-centrals. Food-plant unknown. Wash.....*clara* Melander.
- Larger species, 1.5 mm. in length; frons longer than broad; mesonotum with 4 pairs of dorso-centrals. Food-plant unknown. Cal.; Maine.....*citrefrons* Malloch.
6. Lateral margins of mesonotum pale yellow.....7
- Lateral margins of mesonotum concolorous with disc.....8
7. Last section of fifth vein subequal to preceding section. Food-plant unknown. Alaska.....*pollinosa* Melander.
- Last section of fifth vein twice as long as preceding section. Food-plant unknown. N. M.....*indecis*a Malloch.
8. Legs entirely black; frons reddish in front, blackish behind; thorax densely gray pruinescent, with 4 pairs of dorso-centrals; outer cross-vein at its own length from inner. Larvæ mining in cambium of *Amelanchier canadensis*. W. Va.....*amelanchieris* Greené.
- Legs with the knees at least pale, either reddish or yellow....8a.
- 8a. Large, robust species, at least 4 mm. in length; orbits poorly or not at all differentiated from interfrontalia; thorax with 4 pairs of dorso-central bristles.....8b.
- Smaller, slender species, at most 3 mm. in length; orbits well differentiated from interfrontalia; thorax with 2, rarely 3, pairs of dorso-central bristles.....9
- 8b. Palpi reddish yellow; first costal division not over two-thirds as long as second; last section of fifth vein subequal to penultimate section. Larvæ mining in cambium of *Betula niger*. Col., Va., Ill.....*pruinosa* Coquillett.
- Palpi black; first costal division about three-fourths as long as second; last section of fifth vein distinctly longer than penultimate section. Larvæ mining in cambium of *Acer rubrum*. Va.....*aceris* Greene.
9. Last section of fifth vein 1 1/3 times as long as preceding sec-