

SYNOPSIS OF BEES OF OREGON, WASHINGTON, BRITISH COLUMBIA AND VANCOUVER—III.

BY H. L. VIERECK, ASSISTED BY T. D. A. COCKERELL, E. S. G. TITUS, J. C. CRAWFORD, JR., AND M. H. SWENK.

ANDRENA, Fabr., and OPANDRENA, Robt.

Females.

- Third joint of antennæ equal to 4 + 5, or very nearly 1.
- Third joint of antennæ longer than 4 + 5 4.
1. Scopa ample, compact, the hairs long and curved up 2.
- Scopa with the hairs short and straight 3.
2. Abdomen punctured; dorsulum closely indistinctly punctured, not metallic; enclosure very finely rugulose, almost smooth *viburnella*.
- Abdomen not punctured.
- Without distinct narrow fasciæ.
- Fovea about as broad as one-half the distance between lateral ocellus and eye margin.
- Enclosure granular, very nearly rugulose; abdomen black *melanochroa*.
- Enclosure very finely granulated, abdomen greenish *chlorogaster*.
- With distinct narrow fasciæ.
- Dorsulum impunctate or with indistinct punctures; abdomen black; dorsulum dull.
- Second abdominal segment with a broad whitish testaceous margin at apex *Illinoiensis*.
- Abdominal segments not broadly testaceous; green or greenish or blue.
- Enclosure nearly smooth; abdomen greenish *Piperi*.
- Enclosure rugulose; abdomen distinctly green *chlorinella*.
- Abdomen distinctly blue *candida*.
3. Metatarsus of posterior legs one-half as wide as the tibiæ at apex; enclosure smooth; abdomen indistinctly fasciate *angustitarsata*.
- Metatarsus of posterior legs more than one-half as wide as the tibiæ at apex.
- Abdomen fasciate; clypeus indistinctly punctured, dull.
- Enclosure smooth; pubescence abundant on the clypeus; pubescence of dorsulum gray *mustelicolor*.
- Enclosure smooth; pubescence sparse on the clypeus *subtilis*.