


*Andrena miranda*, Smith, 1879.

♂ ♀. "Clypeus ; area coarsely clathrate and margined; abdomen strongly punctured." Canada. Related to *A. Forbesii*, but not the same.

*Andrena mæsta*, Smith, 1879.

"Area scarcely rugulose, not margined; abdomen scarcely punctured (*lapponica* style); tubercle slightly emarginate or bilobed. Canada. This species appears to differ from any known to me.

*Andrena errans*, Smith, 1879.

"Area not margined, smooth nearly; abdomen with shallow punctures; tubercle pointed (one ♀ has the discs of abdominal segments densely clothed with black upright hairs, probably a different species)." Vancouver I. This is not the north-western species which I have regarded as *errans*; the female with hairy abdomen may be *pluvialis*.

A close study shows that there are several species confused with *vicina* or *errans* in American collections. These (♀) all agree in being about 1.3 or 1.4 mm. long; the thorax densely clothed with upright rather short hair (bright ferruginous in *Hallii*, pale ochraceous in the rest); the abdomen shining black, without hair-bands; the anal fimbria black; the wings decidedly brownish. The species of this series now before me are:

*A. Carlini*, Ckll.: Tubercle of labrum broad and evenly rounded; clypeus with a median impunctate ridge; hair of face mixed pale and black, of pleura black; basal area of metathorax roughened, not plicate; abdomen tessellate and well punctured; antennal joint 3 rather shorter than in *Hallii*. Illinois; Beulah, N. M., May 30 (*W. Porter*); Baldwin, Kansas, May (*J. C. Bridwell*); Ithaca, N. Y., May 17 (*Macgillivray*). Seven specimens examined.

*A. Hallii*, Dunning: Tubercle of labrum broad but truncate; median line of clypeus impunctate, but minutely tessellate; hair of face and pleura black; basal area of metathorax obliquely pliculate at base; abdomen tessellate, with numerous small punctures. Pullman, Wash. (*C. V. Piper*).

*A. cupreotincta*, Ckll., n. sp.: Tubercle with sloping sides and truncate apex; clypeus without a median impunctate ridge, or it is very short and rudimentary; hair of face, cheeks, occiput and