

*H. pulcher* Grote.

Described from a single male from Colorado. Female undescribed. Grote's figure and description agree well with those of Möschler, although there is a wide difference in locality. I am inclined to agree with Dr. Dyar in making it a synonym of *hyperboreus*. I have seen no Colorado material, but would place my species from Mt. Hood under this name, as the males appear to agree. As in *hyperboreus*, the band does *not* touch the inner margin, and is more or less broken; the arrangement of spots on outer margin, costa and base is also very similar. In the ten males captured on Mt. Hood, considerable variation exists; the band is mostly broken and very irregular; in three cases, however, it is entire, but *in no case does it approach* the inner margin; the silver spots of the outer margin are always present, also the large spot at end of cell; the costal and basal spots vary somewhat in each specimen; as stated above, four of the females captured show no traces of silver, one being immaculate, light brown, and the others with traces of a thin black line following the general course of the silver band of the male sex. On spreading the specimens I came across a single female with silver markings, which I had evidently taken on the wing and confused with the males. The band is entire and rather broad and regular, well removed from inner margin; the other silver markings are much reduced, but there are traces of spots along outer margin. Long series from Colorado will be necessary to establish the identity of our form.

*H. MacGlashani* H. Edw.

Described from a series of specimens of both sexes from Truckee, Calif. As described by Edwards, the band is continuous and *connected with the inner margin* by a spur of silver. The spots on outer margin are *lacking*. Both sexes are similar.

The species bears great resemblance to *ganna* Hbn., from Europe. We do not know this species, but a figure is given in Spuler, Die Schmetterlinge Europas. Dr. Barnes possesses a single ♀ from the type locality; further, four pairs from Hymers, Ont., collected by Mr. Horace Dawson, and three specimens from Calgary, Alta. These all show a marked similarity; the band is continuous, the spur to inner margin broad, and the silver spots of outer margin lacking; the sexes are practically similar, and Mr. Dawson tells us that of about 100 pairs captured the females were in every instance silvered. Further, the species is a