

One of the specimens taken between latitudes 67° 25' and 66° 30', long. 141° is shown on Plate III, fig. 3, together with the underside of a specimen from Nansen creek, Yukon Territory (fig. 4). Barnes and McDunnough in their "Contributions," vol. III, No. 2, Plate VI, figure a male and a female of *arctica* from Chatanika, Alaska.

***Pieris napi pseudobryoniae* Verity.**

Pieris napi pseudobryoniae Verity: *Rhopalocera* Palæarctica, 146, 1908.

Specimens of this form in the Ottawa collection are from the following localities: Bartlett bay, off Glacéier bay, Alaska, June 10, 1907, 2 males, 1 female (D. H. Nelles); Alaska, 1894, 2 females (Ogilvie). A male and a female from Bartlett bay are shown on Plate III, figs. 1 and 2.

In the Ottawa collection there is a specimen of *napi* taken at Dease lake, northern British Columbia, June 17, 1887 (G. M. Dawson). Fletcher¹ recorded this as *venosa* Seudd. This latter form was described from California. I have recently compared the specimen from Dease lake with Edwards' figure of *oleracea-hiemalis* on Plate 2, Vol. 1, Papilio, and while the veins are more heavily lined, it otherwise is similar to the figure referred to. It is certainly different from specimens of *venosa* from California in the Canadian National collection. Long series of such northern forms are required before one can arrive at any satisfactory decision regarding their status.

Genus *Euchloe* Hbn.

***Euchloe creusa* Dbldy.**

Anthocharis creusa Dbldy.: Gen. Diur. Lep., pl. 7, 1847.

Three specimens from northern localities are in the Canadian National collection, namely from Pelly river, Yukon Territory (W. Ogilvie), and between latitudes 67° 25' and 66° 30', June 12-15, 1912 (D. D. Cairnes).

The specimen from Pelly river was named *A. hyantis* some years ago by the late Dr. Fletcher. This latter name, however, according to Barnes and McDunnough², should evidently be used for the Californian race of *creusa*.

In 1908, Mr. C. H. Young, of the Canadian Geological Survey, found the larvæ abundantly at Departure bay, British Columbia, feeding on tower mustard, *Arabis glabra* (L.) Bernh. Unfortunately he did not make any larval notes, but brought to me on his return to Ottawa a number of the ehrysalids, from one of which a butterfly had emerged and from another a tachinid parasite of the genus *Exorista*³. The ehrysalid is shown on Plate III, fig. 7.

***Euchloe ausonides* Bdv.**

Anthocharis ausonides Bdv.: Ann. Soc. Ent. Fr. (2), X, 286, 1852.

Four northern specimens of this species are in the Canadian National collection taken at the following localities: Telegraph creek, Stikine river, northern British Columbia, May 27, 29, 1887 (G. M. Dawson); Cassiar trail, 10 miles west of Dease lake, British Columbia, June 4, 1887 (G. M. Dawson); Pelly river, below Hoole river, Yukon Territory, July 5, 1907 (J. Keele).

¹ Ann. Rep. Geo. Surv. of Canada, 1887.

² Cont. Nat. Hist. Lep. N.A., III, 2, 60.

³ The specimen which was much damaged was submitted to Mr. John D. Tothill, who reported that it belonged to the genus *Exorista* and that it may be *E. vulgaris* Fall.