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| 2. | <i>P. Turnus</i> ♂, both sides—the pale variety; caterpillar and chrysalis. | | |
| 3. | <i>Pieris Napi</i> , summer form <i>Acadica</i> Edw., 2 figs. | “ | “ |
| 4. | <i>Vanessa Antiopa</i> | “ | “ |
| 5. | “ <i>Milbertii</i> | “ | “ |
| 6. | <i>Pyrameis Atalanta</i> | “ | “ |
| 7. | “ <i>Cardui</i> | “ | “ |
| 8. | <i>Cœnonympa Inornata</i> , Edw. | “ | |
| 9. | <i>Chionobas Calais</i> , Scud., ♀. Under side only. | | |
| 10. | <i>Chrysophanus Epixanthe</i> , Bois. 2 figs. | | |
| 11. | <i>Lycaena Aquilo</i> , Bois. | “ | |
| 12. | “ <i>Couperi</i> , Grote. | “ | |
| 13. | “ <i>Aster</i> , Edw. | “ | |

The figures of *C. Inornata* agree with the type specimen of the butterfly from Lake Winnipeg. I have also four examples taken at St. John's, Newfoundland, in 1880, by Mr. T. L. Mead. I have seen this species from no locality between Winnipeg and the island.

Chion. Calais was described from a single female from Rupert House, Hudson's Bay, and to this day I have not seen another example. I formerly thought it was the same as *Ch. Chryxus*, Doubl., but am satisfied of its distinctness. This admirable figure by Mr. Gosse is unmistakably the likeness of *Calais*, which like *Inornata*, is thus found in localities thousands of miles apart.

Lyc. Aster was taken by Mr. Mead at St. John's, and I have not seen it from localities outside Newfoundland.

Lyc. Couperi was taken by Mr. Wm. Couper on Anticosti, and is also found in South Labrador.

W. H. EDWARDS.

Coalburgh, W. Va., 18th Dec., 1882.

NOTES ON BUTTERFLIES OBTAINED AT CARBONEAR ISLAND, NEWFOUNDLAND, 1832-1835.

BY P. H. GOSSE, F. R. S., ETC.

PAPILO BREVICAUDA, SAUND. ; AND ITS TRANSFORMATIONS.

[Extracts from journals, kept by P. H. Gosse, at Carbonear, Newfoundland, in 1834 and 1835.]

1834, July 25.—A friend, A. E., caught for me an example of the