

much of British America, and like that species, which it resembles in every respect but in color, it is subject to great and extreme variation, there being no feature whether of size or ornamentation that is not unstable."

At the close of this notice he said (page 116): "The butterfly figured on Plate of *Keewaydin*, in vol. i., as No. 7, supposed to be a variety of that species, is regarded by Mr. Henry Edwards as distinct, and has recently been described by him as *C. Harfordii*."

*C. Harfordii* was described from seven males by Mr. Henry Edwards, in 1877, in Proc. Cal. Acad. Nat. Sci., and at the same time *C. Barbara* was described from two females, but subsequently he came to the conclusion that they belonged to the same species, in which opinion Mr. W. H. Edwards acquiesced. In "Papilio," iii., p. 160 (1883) Mr. W. H. Edwards described *Colias Hagenii*, and said of it that it was close to *Eriphyle* and lay between *Philodice* and *Eurytheme*, "the four species making a sub-group."

In CAN. ENT., xix., p. 174, Mr. Edwards said: "*Hagenii* is known to fly throughout the Rocky Mountain region, from Colorado to British America. \* \* \* and I think it probable the yellow form accompanies the orange over much of the territory occupied by the latter. On the plains to the east of the mountains these would have been regarded as *Philodice* by collectors. The yellow male figured in But. N. A., vol. i., on plate of *Colias Keewaydin*, fig. 7, is *Hagenii*, a very small example."

Now if this same much abused butterfly, known as fig. 7, is both *Harfordii*, of which, as I have mentioned, *Barbara* is a variety, and also *Hagenii*, and if taken east of the mountains would be regarded as *Philodice*, and that *Hagenii* is *Eurytheme* and also *Eriphyle*, it must follow not only that *Eurytheme*, *Eriphyle*, *Hagenii*, *Harfordii* and *Barbara* are one and the same species, but also that it becomes extremely difficult to separate *Philodice* from the same group. In connection with this it should be remembered that at least two well marked specimens of *Eurytheme* have been taken in this Province, one, a female, at Quebec, by the late Mr. Bowles, and another, a male, at Montreal, by Mr. C. W. Pearson, and that specimens of *Philodice* slightly suffused with orange do occasionally occur.