

common in the Rocky Mtns., from Colorado to British Am., which was between *Eurytheme* and *Philodice*.

In another paper in same volume of *Papilio*, p. 173, I said of *Hagenii*: "The color is yellow, lighter than is usual in *Philodice*, but varies in that respect, many being very green, and a large percentage, especially of the females, are not yellow, but of a peculiar shade, a sort of buff-yellow (better chrome-yellow), a shade not seen in *Philodice*. Considerably more than half the females, as reported by Mr. Nash, are of this buff-yellow, and the males frequently show more or less of it, and occasionally have a flush of orange. The markings of *Hagenii* resemble those of *Eurytheme* and *Philodice*, in the discal spots, the extra-discal points on both wings, the patch at outer angle, the shape of the black borders; but there is a closer resemblance in the borders of the females to *Eurytheme* than to *Philodice*, these being very wide, and on hind wings nearly reaching the cell, completely enclosing more or less definite yellow spots." I also repeated what Mr. Mead had said, after a season spent in Colorado, 1871, that "if there could be such a thing as a yellow *Eurytheme*, this was it."

From 1883 to the present time I have embraced every opportunity to get eggs of *Hagenii*, laid by the females in confinement, and as will be seen, have raised many broods. Now I will give the results.

1. On May 11, 1884, received eggs of the first brood of the year. (I say here that invariably the females that laid eggs have been sent with them). From these obtained, between June 8th and 15th, 14 butterflies, 10 males, 4 females, all *Hagenii*.

2. June 7, 1884, received eggs of second brood of the year. Result, between 6th and 9th July, 15 butterflies, all *Eurytheme*, 11 males, 4 females. Three of these females were albinos.

3. June 27, 1884, received eggs. Result, 12 butterflies, 8 of them *Hagenii*, 3 males, 5 females, 4 *Eurytheme*, females.

4. 29th August and 3rd Sept., 1884, received eggs. Result, 1st to 3rd Oct., 5 *Hagenii*, 2 males, 3 females.

5. This same year, 1884, I raised a brood of larvae from eggs of *Eurytheme* received 27th June. Result, 9 butterflies, 6 being *Eurytheme*, 3 males, 3 females, and 3 *Hagenii*, 2 males, 1 female.

6. 1885, May 18, received eggs of *Hagenii*. Result, 13th to 18th June, 35 butterflies, all *Hagenii*, 20 males, 15 females. The females of this brood were very large and most of them were deep colored.