

scent of the Maine woods has got into Prof. Fernald's writings," and we may say in return that a vein of poetry runs all through this charming little work which we are now reviewing.

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THE GENUS QUADRINA.

Dear Sir,—Mr. Grote, in the current vol. of the CAN. ENT., p. 40, takes exception to my note on this genus, and says my "remarks as to *Hemileuca* are uncalled for." The only thing I said in the note commented on by Mr. Grote, in regard to *Hemileuca*, was: "In Mr. Grote's Catalogue of 1882, *Quadrina diazoma* is placed in the '*Hemileucini*' and is associated with *Hemileuca*, *Hyperchiria* and *Coloradia*, which are all typical *Bombycids*." This is the fact, as a simple reference to the list will prove, and I cannot see in what manner the remark was uncalled for. I knew of all that Mr. Grote had written on the subject, and simply assumed, as I had a right to do, that Mr. Grote had changed his views as to the position of the genus, and that his latest view was expressed in the list. That the location was due to a printer's error I could not know. However, its position in the *Ceratocampide* is equally unnatural. As that group stands in Mr. Grote's list it is a perfectly natural and sharply limited one, all the members of which have in the male two branches to each side of each joint of the antennæ, which are moderately long, and the pectinations do not extend to the tip. In *Quadrina*, on the contrary, the joints are extremely short, the pectinations extend to the tip, and are very long; there is only a single branch to each side of each joint. If the specimen is a female, as Mr. Grote says, the antennal structure is unique and out of harmony with that of the other *Ceratocampide*. It would break up the group entirely to admit such a form in it. But I believe the specimen to be a male. I do not find in my notes on the species any mention of the sex, but my recollection is that it was a male. The species belongs most nearly where Mr. Grote first put it. I quote my own remark—"nearly related to *Gloveria*."

As to the *Hemileucini*, I have taken from it the genera *Hyperchiria* and *Coloradia* and placed them in the *Saturniide*, in a recent revision of that Group in the Proc. Nat. Mus., ix., pp. 414-437.

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