

## BOOK NOTICES.

Descriptions of Noctuidæ, chiefly from California, by A. R. Grote. Extracted from the Bulletin of United States Geological and Geographical Survey; large 8vo., pp. 18, containing descriptions of thirty-three new species, chiefly of *Agrotis* and *Hadena*.

New Tineina from Texas, Food Plants of Tineina, and Index to the Described Tineina of the U. S. and Canada, by V. T. Chambers; also from the Bulletin of the U. S. Survey; large 8vo., pp. 88. In this pamphlet there are forty-two new species described. A catalogue of the food plants of the Tineina of America, as far as they are known, is given, followed by a very complete and useful index embracing all the described American species.

President's Address before the Appalachian Mountain Club, by Sam'l H. Scudder. Reprinted from Appalachia, Vol. 1, No. 4; large 8vo., pp. 32. Our thanks are tendered the several authors of the above for their kindness in sending us copies of these pamphlets.

## CORRESPONDENCE.

## PIERIS VERNALIS AND P. PROTODICE.

DEAR SIR,—

In confirmation of Mr. Bean's conclusions, as given in the November number, I would state that I have long known *vernalis* to be but the spring form of *protodice*, and believe I so wrote to Mr. Edwards some time ago. What is probably the first record of this opinion will be found in my 9th Report on the Insects of Missouri (p. 57). My experience accords with Mr. Bean's as to there being every possible gradation between the extreme *vernalis* form and the typical *protodice*. What is true of these two supposed species will, I am confident, be found to be equally true of several other of Mr. Edwards' described species, especially in *Colias*; but no one perhaps is more willing to admit the fact at present than Mr. Edwards himself, or is doing more by careful breeding to decrease the number of his own species.

C. V. RILEY, St. Louis, Mo.