

by Professor Fernald, who is our authority on the *Tortricidæ* without a rival. And this position is not an easy one to gain. The little delicate insects are very variable, and in the genus *Teras*, for instance, they change pattern and colors like a kaleidoscope. The genera, as in the *Deltoids*, *Phycids*, etc., have to be limited by characters offered by the males alone, quite often, and in all cases the entire structure has to be carefully noted in order to locate the species to the best advantage.

All the requirements have been met, and, as a proper conclusion to his labors so far, a breathing place where one can survey the road travelled over, Professor Fernald gives us his very useful *Catalogue*. Having ourselves written a synonymical Catalogue of the *Sphingidæ*, we have a lively sense of the work to be performed in a Family yet more numerous in species and more intricate in synonymy. The student can, however, use Prof. Fernald's Catalogue with the certainty that it is as accurate as it can be made, and he will be very unappreciative if he feels no gratitude to its accomplished author, who has spared no labor in completing his self-imposed task. Professor Fernald, by his moderate views and careful methods, has proved himself a safe guide; at the same time he has shown himself possessed of talents which carry him easily in the front rank among living Entomologists. It would be well if such proofs as Professor Fernald has offered of knowledge of the subject were demanded of all writers of Lists and Catalogues; but I will not pursue this view of the subject any further, nor burden a proper praise of Professor Fernald with remarks which he is too amiable to sanction.

MR. S. H. SCUDDER'S NOMENCLATOR ZOOLOGUS.

BY A. R. GROTE.

Science is much indebted to Mr. Scudder for a great deal of very dry and tiresome work in the preparation of Catalogues. We have already from his pen a list of the generic names used for Butterflies, and now in a thick octavo volume of 376 pages we have a "list of generic names employed in Zoology and Palaeontology to the close of the year 1879, chiefly supplemental to those catalogued by Agassiz and Marschall, or indexed in the Zoological Record."