

black spots with a bluish white centre ; the upper portion of the body is steel blue, streaked along the middle and sides with yellow or orange ; legs white, ringed with black at the extremities. The male differs from the female mainly in his smaller size and narrower abdomen.

PROFESSOR FERNALD'S SYNONYMICAL CATALOGUE OF
NORTH AMERICAN TORTRICIDÆ.

BY A. R. GROTE.

The reader of the CANADIAN ENTOMOLOGIST will recall the first paper on the *Tortricidæ*, by Professor Fernald, who has been kind enough to send me advance sheets of his Catalogue of the Family now being published in Philadelphia.

At the time when Professor Fernald commenced his studies he paid me the compliment of asking my advice as to the group of Lepidoptera he should work upon. In advising him to take the *Tortricidæ*, I was influenced by my belief in his patience and scientific ability. No family of Lepidoptera which I have studied, except perhaps the *Phycidæ*, are as difficult as the *Tortrices*, or call for more diligent examination and careful manipulation. I had been bringing together material for a study of the *Tortricidæ*, and had described a few species and the genus *Phaccasiophora*, when Professor Fernald wrote to me. I was thus in a position to be of the slight assistance which Professor Fernald has, I am afraid, overestimated in his original paper alluded to above. But it is difficult to overestimate the importance of Professor Fernald's work and the excellence with which it has been performed. With the valuable aid of Lord Walsingham, Professor Fernald was able to examine personally almost every one of Mr. Walker's types. The types of my friend, the late Mr. C. T. Robinson, had been placed in Professor Fernald's hands before his visit to London, and I had given him all the material brought together by myself, so that no one was in so favorable a position for ascertaining what had been described and what was yet new among our *Tortrices*. Every American paper which I have seen on the family, since that time, has been issued after the material on which it was based had been determined