

him; positive in his convictions, with an almost unparalleled knowledge of species and the widest possible acquaintance with their distribution.

Dr. Rebel, young, active, prompt in decision and action; fully acquainted with modern methods and in full sympathy with them; appreciative of characters different from those traditionally used, open-minded, yet equally positive in opinion.

Two more divergent collaborateurs could scarcely be imagined, and the introductory remarks by Dr. Rebel show how slowly the work progressed and how nearly it was at times abandoned, owing to apparently irreconcilable differences of opinion. That it was the younger man who gave way in most cases appears plainly enough, and that in certain directions the catalogue would have been much improved had he had his way is also certain.

To mention one case only: the addition of the citation of the place of original description of the genera used, as desired by Dr. Rebel, would have improved the usefulness of the "Catalog" immensely for the general student.

The rules concerning nomenclature laid down in the second edition are approved and continued as a guide to the third edition.

The *Papilionide* at the beginning of the butterflies is familiar; but the term *Rhopalocera* is lacking, and after the *Pieride* we now have the *Nymphalide* instead of the *Lycenide*; which do not follow until after the *Libytheide* and *Erycinide*. The *Hesperiide* end this series as usual; but we have now only VII. Families as against X., with 74 genera and 716 species, as against 44 and 456 of the previous edition.

The term *Heterocera* is also abandoned, and series like "Bombyces" or "Noctue" have ceased to exist. Instead of that, VIII., *Sphingide*, follows without comment after VII., *Hesperiide*. It is a pity that in the *Sphingide* the *Smerinthine* series could not have been placed at the foot as the more generalized, rather than *Thyreus* which is certainly more specialized.

Now comes an important change, when "IX. *Notodontide*," replaces the *Sesiide* of the former edition and so X. *Thaumetopoeide* and XI. *Lymantriide*, are unfamiliar; though as *Cuthocampa* and *Liparide* we had been used to seeing them elsewhere. XII. *Lasiocampide*, XIII. *Endromide*, XIV. *Lemoniide*, XV. *Saturniide*, XVI. *Brahmaiide*, XVII. *Bombycide*, XVIII. *Drepanide*, XIX. *Callidulide*, XX. *Thyridide*, precede in order the XXI. *Noctuide*. These latter are divided into