

shows a lack of attention to the work of Prof. Smyth. In the Saturniidae, *Attacus*, Linn., is preferred to *Rothschildia*, Grote, and *Calosaturnia*, Smith, is revived for our American *Saturnia*. It would have been better if these changes had not been made. The Nolidæ are interpolated after the Lithosidæ, following Sir G. F. Hampson. They are really Tineids, as Dr. Chapman and I have shown. In the Nycteolidae, *Earias obliquata*, Hy. Edw., again appears. I have been at pains to point out that it is a Pyralid, though it is perhaps not surprising that Prof. Smith overlooked this, since the species, unfortunately, was omitted in the Washington catalogue. *Cydosia* and *Cerathosia* again inject themselves into the Arctiidae, in spite of the proof adduced by Prof. Grote and myself that this is not their correct position. The genus *Fenaria* appears in the Agaristidæ along with other genera which I refer to the Noctuidæ, but as *Fenaria* appears also in the Noctuidæ (p. 47), it leaves some doubt as to Prof. Smith's point of view.

In the Noctuidæ, Prof. Smith's changes in the specific names will prove the most valuable part of the list. I do not think he gives enough weight to Prof. Grote's work on the generic names; but this does not greatly matter in the interim of the appearance of Sir G. F. Hampson's volumes, which will settle these matters, I hope. *Psychophora* appears in the Noctuidæ and again in the Geometridæ. Is this a facetious attempt to express the variation in venation which we observed in the species *fasciata*? Mr. Beutenmüller gives a new version of *Catocala*.

The small families following the Noctuidæ are practically unchanged. I see that *Malacosoma pluvialis* and *M. ambisimilis* have fallen into the synonymy. I wonder if Prof. Smith ever compared the larvæ of *Californica* and *pluvialis*. If he had, he could hardly have made this synonymy without comment. May I not justly refer Prof. Smith to the words in his own preface: "It is not for the catalogue-maker to decide upon the validity of species and genera except where he has special knowledge"?

The Geometridæ, I presume, have not been changed. *Mycterophora* still masquerades as a Geometrid, though Prof. Smith might have properly transferred it to his Noctuid series. In the Limacodidæ, some unwarranted changes have been made. *Minuta*, Reak., is not *Shurtleffii*, Pack., and *Graefii* and *Fiskeana* are not *flexuosa*; *casonia*, *crypta* and *flavula* are good varieties, not synonyms. Some very bad advice has been followed here.

In the Pyralidæ and subsequent groups, Mr. Kearfott is responsible, and he follows my catalogue closely. I think it would have been better if the catalogue had been followed throughout and the same numbers retained. Many collectors use the list numbers in correspondence, and the divergences introduced will cause a certain inconvenience, not compensated for by the cases where the changes are an improvement on my catalogue. These cases are not numerous, and should have been left for a more general revision.

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