

I referred, in my Check List, *Pachnobia* to *Agrotis* (1875), but in deference to European writers have lately left it near *Taeniocampa*.

The synonymy of the species adopted by the author is largely that previously adopted by myself. It must be held in mind that, in those years, material had not largely accumulated, and that my descriptions were often drawn up from single examples. I am not surprised that certain forms should be now found connected which I was warranted in separating at the time. Indeed I have myself expressed the opinion. In some cases, as *A. janualis*, where it is not done, I think the varietal term should have been kept by Prof. Smith; colour is also a character, and my *var. atropurpurea* of *tessellata* is called a "pure synonym," although based upon a difference in shading which is acknowledged to exist. It is probable that here and there some references have been made which will need correction. Among these is *Agrotis clodiana*, which I think will prove different from *vancouverensis* Grt., while my figure in the Illustrated Essay does not merit, I feel sure, Prof. Smith's criticism upon it. But I may pass over this, as well as other points, to notice a few which should not be passed over. That Mr. Morrison sent me specimens not in accord with his types, I have already stated. To this fact differences in my determinations may in part be due. Mr. Morrison sent me specimens of *Pachnobia carnea* from Mt. Washington labelled *scropulana* "type." I did not know *Wockei*, except from Moeschler's figure (which Prof. Smith says is really *scropulana*), nor did Mr. Morrison. But I had specimens from Mr. Moeschler labelled *Pachnobia carnea* from Labrador which were evidently the same as Mr. Morrison's "types," or so-called types, of *scropulana*. I exhibited the specimens before the American Association as well as the examples of *opipara* Morr. and *islandica* Moesch., which latter were also the same species. I am the first to suggest that *islandica* Moeschl. is not the same as *islandica* Stdgr., and, in consequence, to propose to call the American (Labrador and Mt. Washington) species *opipara* Morr. This view is taken now by Prof. Smith, who has adopted many of my views, but I am brought in by him for an incorrect identification of *islandica* which I never committed. It is I who corrected both Moeschler and Packard for improper identifications of *islandica* as an American species. The identification of these Labrador and Mount Washington species is interesting, as illustrating further the theory advocated in my paper on "The White Mountain Butterfly" of geographical distribution in the North American Lepidoptera. With regard to the erroneous determina-