

A few instances of the confusions and mixtures may be interesting. Heath had two female co-types of *Hadena miniota* Smith, described from *Miniota* and Cartwright. When I saw Smith's types at Rutger's College, I recognised in them a form I have been taking at Calgary for twenty years simultaneously with, and apparently grading into, typical *versuta*, and thereafter in my notes in the "Canadian Entomologist" referred *miniota* as a colour-form of that species. (I have recently had good reason to doubt the correctness of that reference, but that is beside the point at present.) Heath wrote and remonstrated, saying that the two were entirely different and could not be confused. I assumed that he had misidentified *miniota*, and told him so. He thereupon showed me a co-type, which I returned with the remark that it merely confirmed my conviction. When I viewed the collection with Mr. Wallis, the mystery was solved. A short series of *miniota*, including two co-types, stood under *versuta*, which label had been surcharged upon a *miniota* label presumably, as per my dictum. But the surprise stood next to it. A long series, two columns or more, containing two or three *miniota*, and one or two other species, but principally *devastatrix*, stood also as *versuta*. That such a series should have been pronounced to be "quite distinct from *miniota*" was of course intelligible. But the complication did not end there, for in another box a series of *devastatrix* stood, pure, under its correct name.

*Caradrina rufostriga* stood in a series under its correct synonym of *punctivena*. Elsewhere in the collection it did duty as *Hadena indirecta*. *Noctua clandestina* stood correctly named, and also as *Amphipyra tragopoginis*. *Peridroma occulta* ditto, and as *Polia pulverulenta*. Four *Agroperina lutosa* and one *Scopelosoma sidus* stood as *lutosa*, and another series of *lutosa* as *Euxoa scandens*. One *scandens* stood as *Porosagrotis vetusta*. *Scandens* and *lutosa* were two species found scattered abroad throughout the collection. Another species badly mixed up with many others, particularly with *Orthosia dusca*, was *Parastichtis discivaria*, and one badly worn specimen of it stood as the sole representative of *Hadena semicana*. *Mamestra neoterica* was arranged in two series, one as *goodellii*, another as *acutetermina*. *Acutetermina* itself did duty for *neoterica*, and two specimens of it stood apart under "*Noctua*,