

specimens signifies a more strigate and irrorate form of the same. What he calls *instabilis* Fitch is, of course, a citation of Fitch of European *instabilis* Schiff, = *incerta* Hübn., which however is not very obviously distinct. *Malora* Smith, described from three males and two females from Calgary, is applied to a dull smoky-grey form of the same species. The variation seems to be very wide wherever the species occurs, though it may be said that, in general, Pacific coast specimens are richer in colour than those from the east, and Alberta specimens intermediate. I can, however, match Calgary and Vancouver specimens almost exactly, and also some from Calgary, Chicago and Montreal. *Quinquefascia*'a, as the name implies, stands for a form with five distinct transverse lines. *Brucei* Smith from Denver, and Garfield Co., Colorado, and *proba* Smith from Alameda Co., Calif., I cannot believe to be distinct from *hibisci*, but *nubilata* Smith may prove distinct. I have a note that I found specimens from that region in Smith's collection suggesting a new species, but failed to make a satisfactory separation. Hampson makes *insciens* Walker, and *confluens* Morr. synonyms of *hibisci*, but calls *hibisci* "ab.I." with the spots joined. This aberration, according to Smith, is also Morrison's *confluens*. Walker's type of *insciens* is a female labelled "U. S. A., (Doubleday)" and has the subterminal line, and annuli to the spots, particularly the orbicular, unusually pale and wide. I have a note to the effect that when I was at the British Museum last March, a specimen labelled *confluens* Morr., the type of *insciens* Walker, and three pale, even, Calgary specimens stood separated in the collection. I fail to see that any such separation is warranted. I also found *latirena* and *pacifica* in the same series under *pacifica*, though I feel satisfied that the latter is distinct.

345. *Cleoceris populi* Strk.—The type of *populi* is from Loveland, Colo., and is a pale, slightly marked thing, and not unlike the form figured in Holland. I have seen Colorado and Wyoming specimens in other collections, but all were paler and less maculate than my Calgary series.

347. *Xylina amanda* Smith.—There are male and female types in the Washington collection, the former from Pullman, Washington, and the latter from Calgary. The Pullman specimen is much paler in colour than the other, and my notes say that they may