

my own European collection, so I am unable to make further comparisons at present. Sir George Hampson unites them all as one species, under *umbra*, citing:

Ab. 1. *exprimens*.—Fore wing with the postmedial and terminal areas suffused with brown.—Canada and U.S.A.

Ab. 2. *cilisca*.—Hind wing paler yellow, the postmedial band pale crimson.—U.S.A. and Brazil.

373. *Cosmia decolor* Walk. (not *discolor*).—The type is a rather dark, smoky-suffused orange male from Orillia, Ontario, and is probably the one figured by Hampson, but the black streak shown near the inner margin is presumably an artist's error. *Discolor* of our lists was merely a mis-spelling, and the name unfortunately should stand as a synonym.

374. *C. infumata* Grt. = *punctirena* Smith.—Grote's type, a female from Malawqua Co. (?Chautauqua), New York, is a very dark fuscous-brown specimen. Of *punctirena* I have seen two types, male and female, from Yellowstone Park, Wyoming, in the Washington Museum. There is no type there from Cartwright as I previously stated. The types are a trifle reddish, even, and have the t.a. line angled rather than curved, but are certainly the same as *infumata*, and my tentative synonymy of this and *decolor* has proved correct. Sir George Hampson correctly keeps European *paleacea* distinct, but fails to recognize two North American species. I do not blame him. I have no modification to make of my former notes, and nothing to add, but I must admit that I should probably never have suspected, or, at any rate, been able to separate the two species if I had not had the opportunity of studying them in nature. As it is, I cannot always place specimens with certainty.

Hampson places them in the genus *Enargia* Hubn., and, as is his rule, changes the gender of the specific name to concord with that of the genus, thus making the name *decolora* Walk. He makes *infumata* ab.1. "Head, thorax and fore wing thickly irrorated with fuscous." "Ab. 2. Fore wing yellowish white, with slight dark irroration." This is a male from Lower Klamath River, California, and is a very pale whitish *decolor*. I have seen other similar specimens, and Dr. Barnes has such a female from Victoria, B. C., bearing a manuscript name. "Ab. 3. Fore wing pale yellow,