

the bestowal of a racial name. In typical *arthemis*, which we might point out was described from New York (probably vicinity of New York City), the submarginal band on underside of secondaries consists of a series of red spots, separated from the marginal green lunules by a well defined black area; in this new race this submarginal area is occupied by a continuous reddish band extending completely up to the green lunules and only separated from the interior white band by a narrow line of black; the basal area is also largely suffused with reddish, making the three red spots near base of wing much less distinct than in the typical form. On the upper side the ground colour is a dead black and the red submarginal spots of secondaries are large and with scarcely a trace of green edging on their inner side. It is this form that is figured by Say from Lake Winnipeg, which is apparently about the eastern limit of the race.

Types—One ♂, Saskatchewan (Crocker); five ♂'s, Cartwright, Man.; one ♀, Calgary, Alta. (Dod) in Coll. Barnes.

***Junonia coenia nigrosuffusa*, subsp. nov.**

The smoky-black Arizona form of *cœnia* has been generally and wrongly listed as *negra* Feld., which was described from specimens taken on the Rio Negro in Northwestern Brazil and which is evidently a form of the S. American *lavinia* Cram., distinguished by its metallic green shaded secondaries. We propose the above name for the Arizona race, which has in general the maculation of typical *cœnia*, but the whole upper surface suffused with black-brown, rendering the white subapical banding very obscure; the eye spots of the secondaries are often considerably reduced in size as compared with those of the northern *cœnia*.

Types—Three ♂'s, Palmerlee, Ariz.; two ♂'s, Babaquivera Mts., Ariz.; one ♂, Huachuca Mts., Ariz.; one ♀, Arizona, in Coll. Barnes.

***Brenthis aphirape dawsoni*, subsp. nov.**

Specimens from Hymers, Ont., show several points of difference from Labrador specimens (typical *tricularis* Hbn.). The upper side has a deeper brown colour, with a strong suffusion of black, especially along the outer margin, where the brown lunules are