

and believe them to be all one species. As compared with the plate of *Nevadensis* ♀, in Vol. III. of Mr. Edwards's Butt. N. Am., all the ♀ ♀ I have seen are larger and darker above. The silver spots are generally more elongated, and the reddish area on primaries beneath generally brighter, especially near the base, but in some specimens almost lacking, or confined to the mere bordering of the veins. In a few ♂ ♂ this reddish tinge is absent. The shade and intensity of the green is extremely variable. One of my specimens is labeled "*Nevadensis* ♀" by Mr. Edwards himself. The specimen has lost its abdomen, but I believe it to be a ♂. I have compared specimens from Lacombe, called *Edwardsi* by Dr. Fletcher, with the south of Calgary form, and can see no difference. Dr. Skinner has seen the species, and says: "The specimens you send are certainly not *Edwardsi*, nor are they true *Nevadensis*: nor are they exactly like the Colorado *Meadii*, but they come nearest to *Meadii*." It is worthy of note that the great majority of my specimens of this species are ♀ ♀. In every other species of *Argynnis* occurring here, the proportion of ♂ ♂ taken will exceed the ♀ ♀ by at least five to one.

10. *A. carynome*, Edw. Very common everywhere. July and August.
 Var. *clio*, Edw. Not rare, and widely distributed south of Calgary. Banff (Sanson). Mr. Gregson says it is extremely local at Lacombe. I have a specimen, which Mr. Edwards called an "unsilvered" *Nevadensis*, which I believe to be ♀ *clio*, and Mr. Elwes supports me in this view.
11. *A. myrina*, Cram. Locally common. Calgary and Lacombe, July and August. Banff, June 17th (Sanson).
12. *A. tricharis*, Hüb. Not rare locally, on marshy ground near the spruce timber; July. Banff, June 3rd (Sanson); Laggan (Bean); Lacombe, very local (Gregson).
13. *A. chariclea*, Schneid. Very common in the mountains and as far as the eastern limit of the spruce. I believe the form is referable to *Boisduvalii*. Mr. Elwes has taken it himself at Laggan, and considers *Boisduvalii* and *chariclea* to be synonymous.
14. *A. freija*, Thunb. Common everywhere in the hills near Calgary, preferring hillsides amongst dwarf willow bushes; May (earliest