

Early July to middle Aug. A very variable species. I am not aware that I have taken more than one female.

510. *E. Hanhami*, Hulst.—Fairly common in the hills, but I have not so far met with it on the Red Deer prairies, where most of the other "waves" occur. Middle June to middle July. Described from Winnipeg. "Closely allied to *5-linearia* and *persimilis*, but with much more rounded wings, and the two outer lines different in direction." It is a whiter species than my *5-linearia*, and beneath it is far more smoky, lacking the conspicuous yellowish costa of that species. It also differs considerably in wing form. I have compared Kaslo specimens of the species recorded by Dr. Dyar in the Kootenai list as *rotundopennata*, Pack., for which I am indebted to Mr. Cockle, and am unable to distinguish them from this species.

511. *Annemoria bistriaria*, Pack.—A male at light at the Red Deer River locality, on July 5th, 1905.

512. *Eucrostis viridipennata*, Hulst.—Rather common some years. Middle May and June. Mouth of Fish Creek and head of Pine Creek. Fresh specimens are of a beautiful dark emerald, but it is the most fleeting green I know. It soon fades in life, and it is quite impossible to relax a good specimen without its turning to a dirty yellowish green or brownish yellow. If set fresh it keeps its colour fairly well. It was described from Colorado, but Hulst had a Calgary specimen from me, and called it *viridipennata* more than a year before the description was published. I obtained ova in 1905, and find a note that they hatched on June 2nd, and that the larva fed on *Salix*. They produced moths the following spring, but none were preserved. A day flier.

513. *Synchlora glaucaria*, Gn., = *acrata*, Fabr.—Not common. Head of Pine Creek, end June and July. I have not seen it elsewhere. Weather bleaches it from green to pale luteous, but the colour is not as fleeting as in the preceding species, nor does relaxing injure it. A specimen that Mr. Taylor has from me differs, he tells me, from all other described species of the genus in having a considerable portion of the usual green on secondaries replaced by white. None of my other specimens, however, show this variation.

514. *Aplodes Hudsonaria*, Taylor (CAN. ENT., XXXVIII., 206, June, 1906).—Seven males, at dusk and light, on the Red Deer River, north-east of Gleichen, whence the species was described, and named after Mr. Arthur F. Hudson, its first and principal