

LYCENA PSEUDARGIOLUS, Bd.-Lee., var. ARGENTATA, n. var.

(The Manitoba Blue.)

The beautiful variety of the common Spring Blue butterfly figured herewith is the prevailing form in Central and Southern Manitoba, where it has usually been named by collectors var. *neglecta*. From this latter, however, it differs in having the black marks of the underside less distinct, in some specimens these are almost entirely obliterated so as to present a clear nearly unspotted surface of silvery white. The illustration given herewith does not quite represent the colour of the underside, rather too much of the red pigment having been used, which gives it a warm tint not seen in nature. The shade of blue of the upper surface in both sexes is, as a rule, paler than in other forms (or varieties) of *pseudargiolus*. In the females the discal area of primaries is silvery white with a blue reflection and a more decided flush of blue at the base.

Described from 18 specimens (12 males and 6 females) collected at Cartwright and other places in southern Manitoba, as well as in south-eastern Assiniboia. The types of both sexes are deposited in the U. S. National Museum at Washington.

LYCENA PSEUDARGIOLUS, Bd.-Lee., var. NIGRESCENS, n. var.

(The Kaslo Blue.)

An interesting variety of *L. pseudargiolus* has been sent to me by Mr. J. W. Cockle, from Kaslo, on Kootenay Lake, British Columbia, where it is the common spring form. The most conspicuous difference between this and the other described varieties of the stem species, is the large amount of black on the upper surface of the females. This darkening forms a wide black border on the costal and outer margins of primaries, and spreads over the whole surface of the secondaries which merely show a little blue on the folds between the veins. The blue of the disc of primaries is a dark purplish blue, as in var. *piasus*, and is frequently irrorated with black scales. The upper side of the male is a deep rich violet blue, almost of the same shade as in *amyn-tula*. The underside of this variety is remarkable and specimens of both sexes may be found which, if the underside alone were seen, might be referred to *neglecta*, *violacea*, *lucia* or *marginata*, and some even combine characters of all of these. One beautiful form which