

MISCELLANEOUS.

Mr. W. H. Edwards, of Coalburgh, W. Va., wishes to know how far north the black variety of *turnus*, female, is found, and also how it compares in abundance with the yellow variety at the west and south. We trust that some of our readers will be able to supply the needed information.

J. C. Wasserman, 50 Beverley Terrace, Cullercoats, England, wishes to exchange British Lepidoptera for Canadian; parties desirous of exchanging will please write him.

Wm. Barnes, Decatur, Illinois, wishes to exchange insects from Decatur for Canadian insects, and with this view will be glad to correspond with Canadian collectors.

Mr. H. K. Morrison, of Cambridge, Mass., has been engaged during the past summer in collecting the insects of Southern and Middle Georgia and of the Black Mountains of North Carolina (6,700 feet high), the latter a region hitherto unexplored. He has succeeded in obtaining a large series of insects of all orders, especially Lepidoptera and Coleoptera.

CORRESPONDENCE.

OBSERVATIONS ON SPHINGIDÆ.

My summer's experience with the larvæ of rare Sphingidæ is, that *Smerinthus astylus* Westwood, *Smerinthus myops* Harr., *Darapsa versicolor* Clemens, and *Darapsa choerilus* Walk. are all double brooded. A characteristic of *astylus* is its caudal horn, which is armed with two spines at its tip, appearing bifurcate at first glance. These spines are constant from its hatching. Color of horn, dark brown at tip and base; pale green in centre*, pointing forward. The long life in its larval condition, and consequent exposure, may in a measure account for its exceeding great rarity. Have fed some from six to seven weeks.

Smerinthus myops.—I have found that the red blotches on larvæ are not uniform, and are more prevalent on the late brood, although some are entirely green and correspond in color to similar spots found on the leaves of the wild cherry at that season.

Darapsa versicolor.—Caudal horn points backward, is straight until the last moult, when it assumes a fine curve to the rear. Color of curved

* At last moult the dark brown is faded to an extremely light shade.