

## ON EARLY STAGES OF SOME LEPIDOPTERA.

BY WM. BEUTENMÜLLER, NEW YORK.

*Chionobas Macounii*, Edw.

EGG.—White, subglobose, slightly flattened above and below, with about seventeen longitudinal ridges, which are connected by numerous fine transverse ridges. Length, about 1.2 m.m. Width, about 1 m. Laid July 11. Emerged July 27.

YOUNG LARVA.—Head whitish, globose, rather large, finely punctured, mouth parts black. Body above bright pink, with a series of four whitish longitudinal stripes on each side; those on the dorsal region are very broad, with the intervening spaces very narrow. The lateral stripe very fine, and the one below the spiracles very broad. The spaces between these stripes rather broad. Spiracles black. At the posterior extremity of the body is a short, fork-like process. Underside of body pinkish, without markings. Length, about 2 m.m. Food-plant—Grass (*Setaria pratensis*). I very much regret not to have been able to raise the larvæ to maturity, but hope that Mr. James Fletcher, from whom I received the eggs, may have further notes upon this interesting species.

*Ancyloxypha numitor*, Fabr.

EGG.—Semi-spherical, yellow, rounded at the side and top, base flattened. After two days the egg became dirty-whitish, speckled with bright red. Length, about 1.5 m.m. Width, about .75 m.m. Laid on Grass (*Setaria op.*), Sept. 8.

*Arzama Obliquata*, G. & R.

MATURE LARVA.—Head, subcaudate; rugose, chestnut brown, sometimes jet black; shining. Cervical shield, rugose, chestnut brown, sometimes black. Body above, shining olive brown, with numerous very fine transverse wrinkles, which are hardly visible to the naked eye; posterior segment much depressed. Spiracles black. Body beneath, dirty brownish white, including the abdominal legs, which have a chestnut brown or jet black patch on the outer side of each, and the extremities black. Thoracic feet chestnut brown or jet black. Length, about 55 m.m. Found several full grown specimens under decaying stumps, Sept., 1888.

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Mailed August 1st.