

last summer in the College garden by feeding greedily upon the eggs of *Anthomyia brassicae*. It was not uncommon to find nearly a half teaspoonful of empty egg shells about the stems of the plants, and in such cases a number of the mites were always to be found just below the surface near the plant.

For experiment's sake three of these mites were kept in a jar of moist earth for a time, and fed each day upon fresh eggs, when it was found by actual count that they would suck, on an average, twenty-eight eggs each and every day.

Many of the plants did well and produced fine heads, that I am certain would have withered and died had not these mites devoured enormous numbers of the *Anthomyia* eggs.

DESCRIPTIONS OF SOME LEPIDOPTEROUS LARVÆ.

BY WM. BEUTENMÜLLER, NEW YORK.

Datana integerrima, Gr. & Rob.

BEFORE LAST MOULT.—Head and cervical shield shining jet black. Body deep reddish brown, with three very fine, narrow, sordid white stripes along each side, and a broader one below the spiracles, which are black, and another stripe along the middle of the venter. Thoracic feet, extremities of abdominal legs and anal legs jet black, shining. The body is also covered with sordid white hairs. Length 32 mm.

MATURE LARVA.—Body wholly jet black, and covered with very long floss-like, sordid white hairs, becoming yellowish as the larva undergoes its changes to the pupa. Thoracic feet black, shining. Abdominal legs black outside and reddish-brown on the inner side. Length 55 mm.

Lives together in large companies on walnut (*Juglans*), hickory (*Carya*), beech (*Fagus*), and also on oak (*Quercus*), but very rarely.

In several individuals of the brood of this species, in the last stage, there are visible a sub-dorsal, ill-defined, white, longitudinal stripe, and a rather broad wavy lateral stripe below the spiracles, and sometimes there is also a white stripe along the middle of the underside. In all else resembling the typical form.

Datana contracta, Walk.

BEFORE LAST MOULT.—Head and cervical shield jet black, shining. Body black, with four equidistant sordid white stripes along each side,