

shape, more coarsely granulose than the surrounding body surface. Edges of spiracles raised but not conspicuous. Thoracic feet shiny black in colour, prolegs concolourous with venter. Anal plate shield-shaped, darker brown than body.

The majority of the larvæ entered winter quarters when in the third stage, a few, however, moulted a third time before hibernating, and are described under Stage IV autumn.

Stage IV. (spring). From specimens as they emerged from hibernating quarters; gone into hibernation in Stage III. Length upon emergence from winter quarters 3.5 mm. Head .4-.5 mm. wide, piceous, shiny. Mouth parts prominent, paler, being light brown to yellow. Prothoracic shield slightly paler than head. General body colour vandyke brown. Thoracic feet dark brown to black, bearing many bristle-like hairs. Edges of spiracles raised, pimple-like, darker than general body colour. Anal plate markedly shield-shaped and coloured a rich chocolate brown, with the exception of the posterior tip and a narrow anterior band which are much lighter. Tubercles prominent, spreading, each bearing a yellowish hair varying in length according to the position of tubercle. Prolegs concolourous with body. Head, prothoracic shield and anal plate bear silky hairs.

Stage V. Length 5.5-6 mm. Head .65 mm. wide, black and shiny. Mouth parts and prothoracic shield the same as in Stage IV. General body colour vandyke brown, velvety in appearance. Tubercles same colour as body, shiny at tip, each bearing a soft silky hair. Thoracic feet black, prolegs concolourous with body. Spiracles round, indistinct, surrounded by a shiny black ring. Anal plate shield-shaped, darker brown than body colour, especially the anterior half.

Stage VI. Length 9.0 mm. Head .82 mm. wide, pitchy black, shiny. Mouth parts very dark brown. Prothoracic shield jet black, shiny, divided into two halves by a narrow brown line arising at the anterior margin and extending caudad. General body colour vandyke brown. Tubercles inconspicuous, flat, spreading coarsely pitted, each bearing a fairly long yellowish seta. Skin of body finely granulated. Spiracles round, small, ringed with black. Thoracic feet black and shiny, prolegs concolourous with body, ornamented with black markings. Anal plate shield-shaped, blackish-brown.

Stage VII. Length after moulting 10.5-11 mm. Head 1.05 mm. wide, pitchy black shiny. Mouth parts very dark brown in colour. Prothoracic shield concolourous with head, divided into two halves by a narrow brown medio-dorsal line. General body colour vandyke brown, in some specimens darker brown. Tubercles oval to egg-shaped, spreading, slightly darker in colour than body, coarsely pitted. Body finely pitted. Anal plate very dark brown. Thoracic feet black, prolegs concolourous with venter. Spiracles conspicuous, round, ringed with black.

THE PUPA.

Length 6.3-6.5 mm.; width at widest part 1.5 mm. General body colour light brown, the abdomen being a shade lighter than the rest of the body. Wing covers slightly wrinkled. Spiracles prominent, round, raised, pimple-like, darker in colour than abdomen. Abdominal segments finely pitted. Each segment of the abdomen is provided on the dorsum with two rows of small tooth-like processes pointing caudad. Cremaster absent; the anal segment, however, bears eight bristles which are in-curved at tip. Four of these bristles are arranged singly on the segment, while the remainder are present in two pairs.

THE ADULT.

Original description of the adult *Silonota ocellana* Schiff. *Syst. Verz. Wien.* 180, 1775.

Unbekannt Raupe.

Weisslichter Wickler, mit grauem Rücken und innenwinkel.