

brown; spiracles black. A few small black warts on the body. Head honey-yellow.

Moulted July 30th.

Larva After Second Molt.—Length three-quarters of an inch. Colour grey; dorsal and sub-dorsal lines amber, the dorsal having twelve blotches of a darker shade; side lines dark brown. Under the side line comes a spiracular line of grey, and then a brown line touching the legs. Head large, amber coloured; thickly indented like a thimble, and marked with four longitudinal rows of brown dots. Under the microscope the body is seen to be thickly set with elongated amber-coloured warts—the brown warts having disappeared.

In feeding the insect has changed its posture, carrying its head upwards and cutting through the blade till the top falls off; then eating across, always working from the near edge, systematically shortening the blade and lowering itself when necessary.

Moulted Aug. 14th. Inert and sickly-looking before the change.

Larva After Third Molt.—Length nine-tenths of an inch. General colour grey; thickly covered with light brown hairs. Spiracular line whitish. Spiracles kidney-shaped, chocolate-coloured with a yellowish white perpendicular line through the centre. Dorsal line represented by twelve brown spots; sub-dorsal lines very faint. Head large, has five warty dark brown spots on each side. Mandibles brown.

Moulted Sept. 1st.

Larva After Fourth Molt.—Length one inch and five-sixteenths of an inch. Head pale brown, indented, set with reddish hairs, and having six longitudinal rows of dark brown dots, also on either side five dark warts. Mandibles brown; general colour of the body pale green, thickly set with reddish hairs. Dorsal line dark green, bearing the twelve oblong brown spots. Pale sub-dorsal lines, and dark green side lines bordered below with a pale streak. Spiracles dark brown. Caudal fork has a slight rosy tinge. Fore legs colour of head.

I left home for England on the 4th of October, having provided a sufficiency of growing sedge, embedded in sphagnum, for the use of *Jutta*. I returned in February, and found the larvæ fresh and plump, but quite torpid. They had undergone the 5th moult (probably in October). On the 6th of April they revived.