

piliferous tubercles and is faintly bordered with yellow. Spiracles pale ochre; venter paler, whitish, with a purple medio-ventral line on the eighth to the tenth abdominal segments. Feet concolorous with the body. As the stage advances some small brown spots appear on the sides.

*Fifth stage:* Head rounded, flat in front, the clypeus a little depressed, with two vertical ridges below; colour purplish brown, the little yellowish spots arranged as before; clypeus and mouth reddish, jaws black outwardly; antennæ reddish, their bases yellow; ocelli black; the lateral posterior part of the head pale yellow; width 3.6 mm. A few hairs. Body shaped as in the previous stage, the cervical horns present but small, smooth, punctured at the ends, projecting laterally in line with the cervical shield. Tails tuberculated, each tubercle with a fine spine; 11 mm. long; extensile threads black with a white ring, yellowish at base. Body pale whitish-yellow, becoming pale lemon-yellow, the dorsal band ferruginous-brown, shaped as before. On the cervical shield it is marked like the head and bisected by a narrow pale dorsal line; it covers the upper part of the cervical horns, passes below the spiracle on the fourth abdominal segment, narrows to a minimum on the eighth abdominal segment (where it is thrice as wide as on the metathoracic segment) and ends elliptically, covering the anal plate. It is edged with blackish brown and contains a diffuse dorsal and three oblique lateral bands of the same colour, posterior to the latter of which are faint yellowish mottlings. In the lateral angle of the band is also a blackish-brown shade. Tails concolorous, twice annulated with pale yellow. On the lateral region are a few minute hairs and some faint brown spots. Spiracles ochre in a very narrow brown border, and obscurely surrounded by brown clouds. A series of subventral blackish-brown spots and a medio-ventral line posteriorly. Thoracic feet brownish testaceous; abdominal feet pale yellow. The erect spines at the anus are black. Length of larva, exclusive of the stemapods, 22 mm. As the stage advances the dorsal band becomes paler, the cervical shield pinkish, and the markings are more distinct.

*Cocoon:* Like those of the other species of *Cerura*, but rather flatter for its size. Length 38 mm.; width 11 mm.; height above the surface of the wood 6 mm.

*Pupa:* Cylindrical, flattened a little on the ventral side, the ends rounded, not tapering; cases prominent, those covering the antennæ