

dorsum on the thickened segments is smooth and rounded, but after a few hours becomes flattened a little, and corrugated; 2 has a thin, high, square topped ridge, the corners produced, and each bears a short thick process, pilose; on 12 are two short subconical processes, on 13 two like them but larger, and these four form part of the two subdorsal rows, which are almost suppressed on 6 to 10, but are distinct on 11; the two dorsal rows of tubercles are minute; color of body yellow-brown, darkest on posterior half, the anterior segments a little red-tinted; the white lateral band as before, but distinct, white; the dorsum and upper part of the side of 12 and 13 and a little of 11 pure white, the lower part of side less pure, the shield sordid white; over the white band, on 4, is a large sub-oval black ocellus in a narrow yellow ring; this ocellus is mostly occupied by a prominent rounded black process with many short black hairs on it; head sub-cordate, finely granulated, shining yellow-brown, with fine hairs. To next moult 2 days.

After 2nd Moult—Length .36 inch; same shape, and as before, the dorsal area on thickened segments becomes corrugated and flattened and depressed some hours after the moult, and the depression is enclosed by an elevated oval rim; 3 is a little excavated on dorsum on anterior part; 2 is a square-topped ridge, but the processes have passed away; on 12 and 13 the processes as at previous stage, but the rest of the subdorsal rows have disappeared, and in place of part of them are slight rounded elevations, like those of the dorsal rows; so that on 3 there are two dorsal and two subdorsal rows of these knobs, but two dorsal only on 4, 5, 6; on 9 and 10 are two subdorsal little round lilaceous spots; color yellow-brown to dark brown, the anterior parts having most yellow; the sides of the posterior segments of a black hue; the white side stripes as before; 12, 13 white, the shield greenish-brown above but white below, and the anal claspers white; the white extends into the sides of 11, but the brown dorsal area runs back in a sharp point nearly to 12; on 4 the eye-spot is large, flattened in front and there velvet-black, but behind this is a prominent black vitreous bead-like elevation, smooth and without hairs; instead of a complete and uniform ring there is a thickening of the yellow above and below the eye-spot, and the ends are narrowed, so that the appearance is much like that of eye-lids; head as before, and it and segment 2 are one color, honey-yellow. To next moult 3 days. But one larva, after 2nd moult, differed from all the rest, being uniform light yellow-brown, the white area on 11 and 12 yellowish.