

AFTER THIRD FALL MOULT.—Length .3 inch.; the dorsum light brown, edged with faint white at the 1st lateral row of spines, the brown area showing two macular white streaks; below 1st laterals, a black stripe, the remainder of the side brown; a white ridge with 3rd laterals; spines generally brown, the bristles same, black-tipped; head sub-cordate, shining black; with a gray, illly-defined spot on each vertex, and another on each side of face; some gray points also back of the last.

AFTER FOURTH MOULT, IN SPRING.—Length .44 inch. Body yellow-brown, dotted with yellow-white; the spines short, stout at base blunt at top, yellowish at base, brown above; the bristles short, divergent, brown, black-tipped; along the dorsal row a black stripe; a yellow stripe runs with 1st laterals, usually broken and somewhat irregular, most continuous on either side of each spine; a yellow band in line with 3rd laterals; head small, cordate, bronze or black, shining, with a few black hairs; across each vertex a narrow yellowish bar; a yellow triangular spot on front lower face, at the lower angles connecting with a curved yellow bar which runs to the back of the head.

AFTER FIFTH AND LAST MOULT, IN SPRING.—Length .6 inch. Color blackish-brown, dotted, especially on dorsum, with yellow; the spines more tapering, stout at base, blunt at tip, mostly yellowish at base; the bristles brown, black-tipped; on dorsum a black stripe, but often wanting; a yellow stripe in line with 1st laterals, and a yellow band below 3rd laterals; in some examples there is a black stripe between 1st and 2nd laterals; head bronze, shining, with black hairs; across each vertex a narrow whitish bar, thickened at the front and bluntly barbed on outer side; in-front a triangular spot, connecting at the lower angles with a sickle-shaped bar on side, both yellowish. In other respects like 4th summer moult. Length at maturity .85 inch.

AFTER THIRD SUMMER MOULT.—Length .45 inch. Color olive brown; the dorsum much specked and dotted with dull white; a dull white stripe in line with 1st laterals, and a band of same color below spiracles, above which is another band, rather indistinct, whitish, macular; under side dark brown; the spines brown, light tipped, many with yellow, sometimes orange bases; the bristles black; head cordate, bronze; a straight silvery bar across each vertex; a triangular white spot in front, connected with a curved white line on either side, and white on the mandibles. To next moult 3 to 5 days.