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DESCRIPTION OF THE PREPARATORY STAGES OF ARGE GALATHEA, LINN., WITH NOTES ON CERTAIN SATYRINÆ.

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EGG.—Sub-ovoid, broadest on lower third, the base flattened; covered with a very slight rhomboidal network over the upper third, with low knobs at the angles; on the middle the network is still more slight, but the knobs are distinct, and on the lower third the knobs are minute and unconnected by lines; summit flattened, concave; the micropyle in centre of very fine network without knobs; colour bone-white. Duration of this stage about 20 days.

YOUNG LARVA.—Length, at 12 hours from the egg, .1 inch; thickest anteriorly, tapering to 13, which ends in two short sub-conical tails; colour yellow, with a tint of red; the tubercles arranged as in *Erebia*, forming three longitudinal rows on either side; these are small, conical, each with a long curved whitish hair; feet, legs and under side same colour as upper surface; head sub-globose, broader than 2, granulated, with a few whitish points and long hairs; colour brownish-yellow. The larvæ hibernated from the egg.

After First Moults.—Length at 12 hours, .18 inch; colour yellow-buff; a narrow pinkish mid-dorsal stripe, a sub-dorsal same width, then as much of buff on side, and a broad pinkish stripe to the basal ridge, which is yellowish; under side, feet and legs, yellow-brown; body covered with a downy coat of yellowish hairs from fine points, and among them on each segment are black hairs from larger and darker tubercles; head sub-globose, yellow-brown, with yellow and black hairs like those of body. Duration of this stage 11 days.

After Second Moults.—Length .3 inch; stout; yellow-buff; a darker mid-dorsal stripe, and a similar broad lateral band; the basal ridge paler than the ground; under side greenish-buff; thickly covered with buff hairs; head green-buff. Duration of this stage 10 days.