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DESCRIPTION OF THE PREPARATORY STAGES OF APATURA FLORA, Edw.

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Egg.—Similar to egg of *Clyton;* nearly spherical, flattened at base, marked by 18 or 20 slightly prominent vertical ribs, and by many fine equi-distant striæ ; color yellow-green. Duration of this stage 6 to 7 days.

Young Larva.—Length .8 inch ; cylindrical, tapering from segment 3 ; pubescent ; color pale green, translucent ; head twice as broad as next segment, sub-globose, bilobed, the surface thickly pitted with shallow excavations ; color shining yellow or ochrey-brown.   Towards the last of the stage the body is less tapering, each segment well rounded ; down middle of dorsum from 2 to 13 a dark green line, and another on upper part of each side, the dorsal area between these side lines whitish-green ; below the lines more decidedly green ; legs and feet green.   To first moult 6 days.

After 1st Moult.—Length .14 inch ; body a little thickest at 7, tapering slightly either way, the last segment ending in a forked tail ; the surface closely covered with yellow and yellow-white tubercles, arranged in longitudinal rows, and also in regular cross rows ; these tubercles are stout at base, subconic at top, of irregular sizes, and at top of each is a short white appendage ; on middle of dorsum a dark green stripe, and another, but narrower, on upper part of side ; the dorsum is covered by two bands of tubercles, divided by the green stripe, each band made up of two rows, the outer row being whitish, the inner yellow ; below the lateral stripe is another band of two rows, and as the stage proceeds these separate, showing a dull green line between them, the lower row running with the basal ridge of body ; the tails are divergent from base, are short, tapering, rough with tubercles, and these gave out longer hairs than else-where ; under side, feet and legs yellow-green ; head subquadrate, the sides rounded, the front a little rounded, the top incurved ; whole surface