

DESCRIPTION OF THE PREPARATORY STAGES OF  
NEONYMPHA CANTHUS, LINN. (EXCEPT  
THE CHRYSALIS.)

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**Egg.**—Sub-rotund, broadest at base, and there flattened; surface slightly rough, but without definite markings under a pretty high power; color greenish-white. Duration of this stage about 7 days.

**YOUNG LARVA.**—Length just from egg, .09 inch; color yellow-white; but in a few hours changes to pale green; shape cylindrical, long, slender; the last segment bluntly bifurcated; on each segment a few tubercles, each of which gives out a clubbed white hair; head, at first, nearly twice as broad as 2, obovoid, truncated and depressed; on each vertex a small rounded prominence, indented at top, and from the middle of the hollow rises a little tubercle, with a bristle; color light brown; the surface shallowly pitted, and sparsely pilose; ocelli reddish brown.

At three days from the egg, length .18 inch; color pale green; on either side now appear three whitish longitudinal lines, one near middle of dorsum, one on the verge of the dorsal area, and one on middle of the side. As the first moult approaches, the body becomes broad as the head, and vitreous-green, with the white lines as before described. To first moult about 8 days.

After First Moult.—Length .26 inch; slender, slightly thickest in middle segments; the tails longer in proportion than at first stage, slender, sub-conical, pink-tipped, rough with white pointed tubercles and short bristles; each segment several times creased transversely, and on the ridges so caused are fine white tubercles, with short hair to each; color at first greenish-yellow, afterwards changing to pale green; on middle of dorsum a dark green stripe, free from tubercles; on either edge of this a line of white tubercles, another sub-dorsal, a third along base; between the last two are two other fine white lines, and one such between the dorsal and sub-dorsal; feet and legs green; head broader than next segment, obovoid, the sides more sloping, less rounded, than in first stage; on each vertex a long, tapering process or horn, tuberculated, brown-tipped, and marked in front by a reddish stripe which is extended down