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NOTES ON THE PREPARATORY STAGES OF PAPILIO CRESPHONTES, CRAM.

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Egg—Spherical, a little flattened at base, .06½ inch in diameter, pale ochre with sometimes a greenish tinge, at others inclining to orange. Duration of this period six days.

Young Larva—Length .11 inch; the body covered with tubercles from which project small spines; color dark brown, the tubercles on all but the first of the anterior joints a little lighter, joints 6 and 11 straw color. Duration of this period three days.

After 1st Moult—Length .31 inch. General color and shape the same, the body having a shining appearance, six tubercles on each of the first four joints, the upper four more prominent, two small tubercles on the back of each of the other joints, the posterior pair more prominent, joints 6 and 11 a little paler than before. Being busy, no notes were taken of the second moult, but the general appearance was much the same. From the first to the third moult was six days.

After the 3rd Moult—Length .75 inch. Body shining, appearing more as though wet, the tubercles all disappeared except on joints 1 to 4, joint 3 the largest, from joint 4 to 5 an abrupt decrease to the size of the posterior joints; head olivaceous, the ridge on joint 1 pale olivaceous, parts of joints 5 and 6 creamy tinged with olivaceous, the terminal part of body somewhat enlarged and pearly whitish on the back, tinged with olivaceous round the edges, the rest of the body olivaceous brown. Duration of this period five days.

After 4th Moult—Length 1.25 inches; the dark parts rich dark brown; a prominent ridge over the middle of joint 3 and over the back part of joint 4 a lighter shade of brown, each ridge containing several white rings, there also being a few on the dorsum in front of the ridge on joint 4; a white band above the head, this organ when the animal is at