

## SOME UNDESCRIBED STAGES OF NOCTUID LARVÆ.

BY HARRISON G. DYAR, NEW YORK.

RAPHIA FRATER, *var.* COLORADENSIS, Put.-Cr.

*Mature larva.*—Head rounded, partly retracted under joint 2, waxy greenish-white, ocelli black; mouth white. Body of nearly uniform width, joint 13 smaller; segmental incisures deep. Colour translucent, clear green, with many yellow piliferous dots, on joints 3 and 4 the dorsal ones tipped with red, and a central pair of these are prolonged into short, contiguous processes. On joints 5, 9 and 12 each, a transverse, curved, yellow band, reaching to the first dot above the spiracle. These bands are whitish anteriorly, those on joints 9 and 12 partly bordered in front with crimson. Feet green, the anal pair tipped with yellow and crimson. Spiracles small, black. There are 8 of the piliferous dots on each side of a segment, besides a dorsal row of non-piliferous ones.

*Cocoon.*—Hard and firm; composed of bits of dirt and stones spun together.

*Pupa.*—Cylindrical, abdomen rounded, its segments appressed; cremaster very short, but broad and thick, without hooks. Cases and central portion of abdominal segments densely and finely wrinkled. Colour, chestnut; width, 5 mm.

*Food-plant.*—Poplar. Larvæ from Yosemite, California.

ACRONYCTA RADCLIFFEI, Harvey.

Dr. Thaxter has described the mature larva, and noted that it mimics *Datana* larvæ.

*Larva before last moult.*—Head bilobed, shining, the tops of the lobes brown, the front and sides mottled with large blotches of pink, the back of the head white, the clypeus and an area outside of it, green; mouth and ocelli brown; width, 2.4 mm. A few hairs arise from the head. Body enlarged dorsally on joint 12, with five rows of warts on each side, one on each segment and each bearing a black hair. Cervical shield black; a broad brown dorsal stripe, containing a red line centrally and edged with yellow, covering the first two rows of warts and ending at joint 12; the rest of the body is green with a faintly indicated white stigmatal line. Spiracles small, black rimmed.