

black, close in front of tubercle IV. Thoracic feet black, shiny, bearing short dark bristles; prolegs also black, claspers reddish, bristles dark."

The first of my larvæ began to make its cocoon on July 16th. Mr. Gibson's spun up on July 10th, July 11th and July 14th. Larval period in confinement 32 days; out of doors would probably be about 6 weeks.

Cocoon.—Oval, about 22 mm. long, 10 mm. wide; thinly made of brownish silk, in which the hairs from body are woven. The ends of many hairs project, giving the cocoon a spiny appearance. Some larvæ spun up between leaves, but the majority in corners of the boxes.

Pupa.—Length 18 mm., width 7 mm.; nearly black in colour inclined to dark crimson particularly on wing cases. Body closely punctured, thorax creased, spiracles pearly glistening. Cremaster short consisting of about 8 short stiff reddish capillate bristles.

The first moths emerged (in a cool cellar) on April 21st. The moth is doubtless single-brooded throughout its habitat, which seems to be limited to the northern part of Quebec and Ontario, westward to Winnipeg, Man.; and to the White Mts. of New Hampshire and the Adirondacks and Catskills of New York.

The larvæ are voracious feeders and never seem to stop eating day or night. When disturbed in their repast, or put upon a table for examination they are most active creatures. If a large plantain leaf or an arch made of a sheet of note paper be provided they lose no time in scurrying along to take refuge beneath it.

BOOK NOTICE

BUTTERFLY-HUNTING IN MANY LANDS. Notes of a Field Naturalist.
By George B. Longstaff, M. A., M. D., Oxon.; F. R. C. P., F. S. A.,
F. G. S. Longmans, Green and Co., London, New York, Bombay
and Calcutta. Price 21 s.

The writer of this volume has attempted a very difficult task—that of incorporating into a readable form the entomological diaries kept by him during many years of butterfly collecting in many lands. We think that, considering the difficulties presented by such an undertaking, he has been remarkably successful in carrying out his object, and we attribute this success largely to a marked literary sense and gift of narrative, of which he is the happy possessor. We fear, however, that