

hardly visible. The lateral line clear, contrasting white, tinged with purple on segments 2 and 3. Setiferous tubercles smaller than in *Morrisoni*.

Sixth stage June 10. Mature larva much darker and more richly colored than *Morrisoni*. Above velvety black with a purple shade and some greenish tinges. The dorsal and sub-dorsal lines barely indicated. Setiferous tubercles barely visible, those below the lateral line more distinct. Lateral line clear white, contrasting, somewhat obliterated on segments 2, 3, 4, 11, 12. Superior sub-dorsal line is clearly marked through frontal plate of segment 1, and is tinged with yellow. Beneath bluish green. The sub-lateral region has a few pinkish shades, as does the ventral portion of segments 1 to 4. Form somewhat stouter than *Morrisoni*. Head more broadly edged posteriorly with light brown. L. 30 m m.

*Scopelosoma vinulenta* Grote.

Eggs as in *Morrisoni*. Hatched May 9.

First stage May 9. A little lighter than the two preceding species, but hardly separable.

Second stage May 18. Light green with slight lateral purplish shades. Head black.

Third stage May 24. Purple shades, except on segments 1-4, confined to the region included by the lateral and superior sub-dorsal lines. The inferior sub-dorsal line hardly visible. Dorsal parts distinctly blue-green. A continuous whitish dorsal line, broader, though less well defined than in *Morrisoni* of same stage. Beneath light green. Head light brown, darker anteriorly. L. 10 m m.

Fourth stage May 30th. Much as before; the purple duller and clearly defined. Dorsal and lateral lines more distinct. Inferior sub-dorsal line merely indicated by a few whitish mottlings. Head shining brown. L. 16 m m.

Fifth stage June 6th. Darker. Dorsal parts tinged with purple. Lateral line distinct, whitish contrasting above. Beneath light bluish green with purple tinges on segments 1-4. Sub-dorsal line visible on segments 1-3. Head more red brown. L. 25 m m.

Sixth stage June 13. Mature larva. Dorsal portion dark olive green mottled with darker shades. Region between superior sub-dorsal and lateral lines dirty wine color, somewhat mottled. Dorsal and superior sub-dorsal lines moderately distinct. Inferior sub-dorsal line marked by a