

few dots. Lateral line less distinct and suffused with purplish. Beneath livid; red-purple on segments 1-4. L. 32 m m.

*Scopelosoma tristigmata* Grote.

Eggs as in *Morrisoni*, laid April 24.

First stage May 5. Not separable from *Morrisoni*.

Second stage May 16, third stage May 22. In neither separable from *Morrisoni*.

Fourth stage May 28. Colored and marked as in *Morrisoni*, but the colors decidedly brighter and the lines and setiferous tubercles more distinct. L. 15 m m.

Fifth stage June 3. Somewhat lighter and more clearly marked than *Morrisoni*. The setiferous tubercles of dorsum decidedly larger, affording a reliable character for separation in this stage. L. 25 m m.

Sixth stage June 8. Mature larva. Much like *Morrisoni* and readily mistaken for it, but differing in the richer color, the more indistinct dorsal and sub-dorsal lines; but especially by the lateral line, which is broader posteriorly, and differs in every instance by a distinct orange-yellow tinge, which, though not particularly noticeable, is never present in *Morrisoni*. Moreover, the superior sub-dorsal line does not extend to the head, and is much less distinct. L. 30-35 m m.

*Scopelosoma devia*, Grote.

Eggs as in *Morrisoni*.

First stage. Milky white. Head, legs, prolegs and anterior plate of segment 1, black. L. 2 m m.

Second stage. Milky white, clearer than before. Setiferous tubercles black. A faint purplish lateral and dorsal tinge.

Third stage. Much as in the same stage of *vinulenta*, though paler.

Fourth stage. Paler than any of the preceding species, but nearest to *vinulenta*, from which it differs by a tolerably distinct sub-dorsal line, and by the absence of any purple shades on segs. 1-3, except above the lateral line, which is white. Dorsum light bluish green, mottled with whitish. Beneath very light colored. Prolegs black. Head black anteriorly, brown posteriorly.

Fifth stage June 10. Very near *vinulenta*, but much paler. Above greenish white, with a bluish tinge and darker olive shades. Dorsal and superior sub-dorsal lines distinct, contrasting with their edging of dark olive. The region between the superior sub-dorsal and lateral lines is