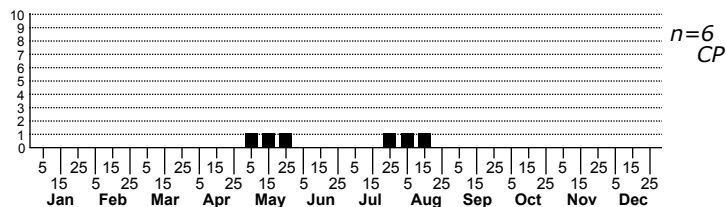
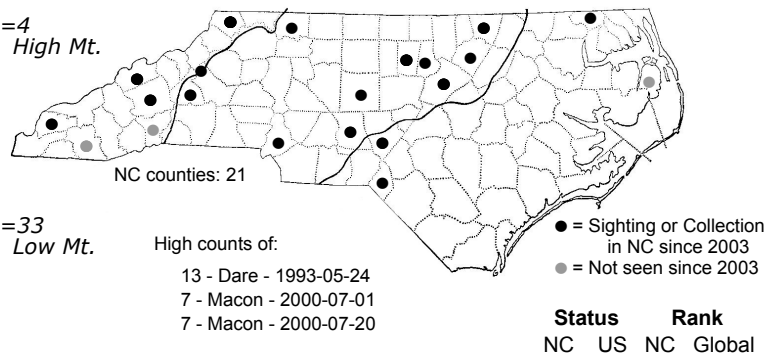
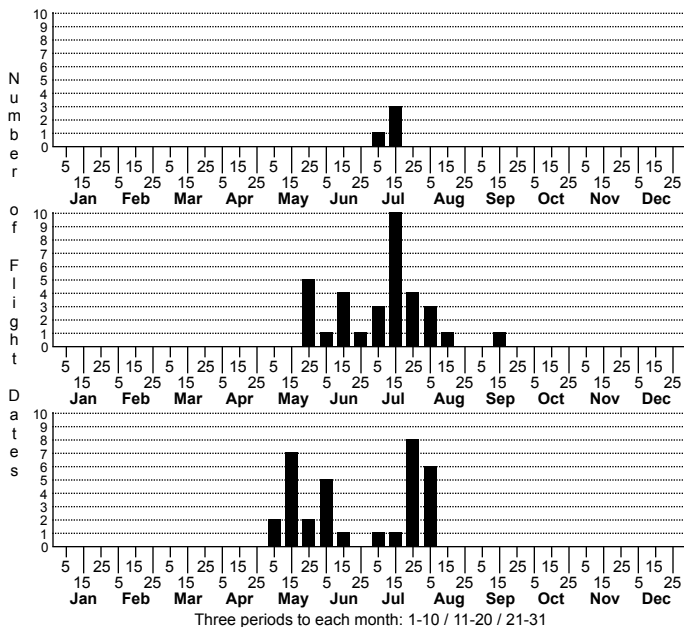


Apoda y-inversum Yellow-collared Slug Moth



FAMILY: Limacodidae SUBFAMILY: TRIBE:

TAXONOMIC COMMENTS: One of five members of the genus to occur in N.A., three of which occur in NC. In adult form superficially similar in appearance to *Tortricidia flexuosa* and *Heterogenea shurtleffi*, but those species typically smaller and less well marked.

FIELD GUIDE DESCRIPTIONS: Covell (1984); Beadle and Leckie (2012)

ONLINE PHOTOS: MPG, BugGuide, BAMONA

TECHNICAL DESCRIPTION, ADULTS: Forbes (1923)

TECHNICAL DESCRIPTION, IMMATURE STAGES: Wagner (2005)

ID COMMENTS: FW creamy yellow or pale orange to light brown with reddish to dark brown median line running from the mid-point of the inner margin to near the mid-point of the costa, and a similar but obtuse line running from the outer margin to the costa, together forming a triangular or trapezoidal shape. This species has two distinctly different forms, with numerous gradations in between. Both forms show an X or vertical hour glass shape centered inside the trapezoid. On the light form these are the only markings, sometimes faint, the FW otherwise being concolorous. On the dark form the trapezoid is filled in with dark brown or black scaling, with the loops of the hour glass being the same color as the light portions of the FW. Length from tip of head to apex of FW at rest averages 13 mm (n = 5). **Larvae:** The slug-like caterpillar is similar to that of *A. biguttata* in being pale blue-green with a pair of sub-dorsal stripes (more pronounced than in *biguttata*), but it differs from that species by having a yellow rim along the front edge of the thorax (Wagner, 2005).

DISTRIBUTION: Please refer to the dot map.

FLIGHT COMMENT: Please refer to the flight charts.

HABITAT: Deciduous woodlands.

FOOD: American hornbeam, beech, hickory, and oaks (Heppner, 2007).

OBSERVATION_METHODS: Readily attracted to lights.

NATURAL HERITAGE PROGRAM RANKS: G5 S4S5

STATE PROTECTION: Has no legal protection, although permits are required to collect it on state parks and other public lands.

COMMENTS: Also called Inverted Y Slug Moth.