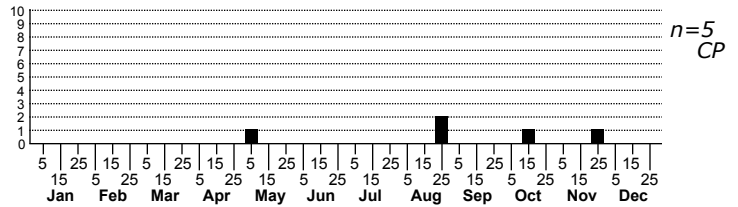
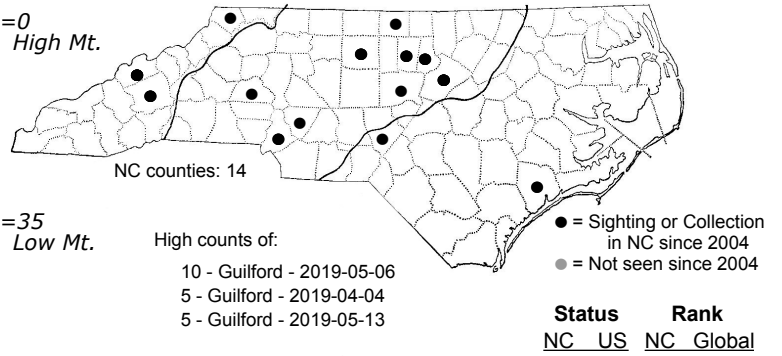
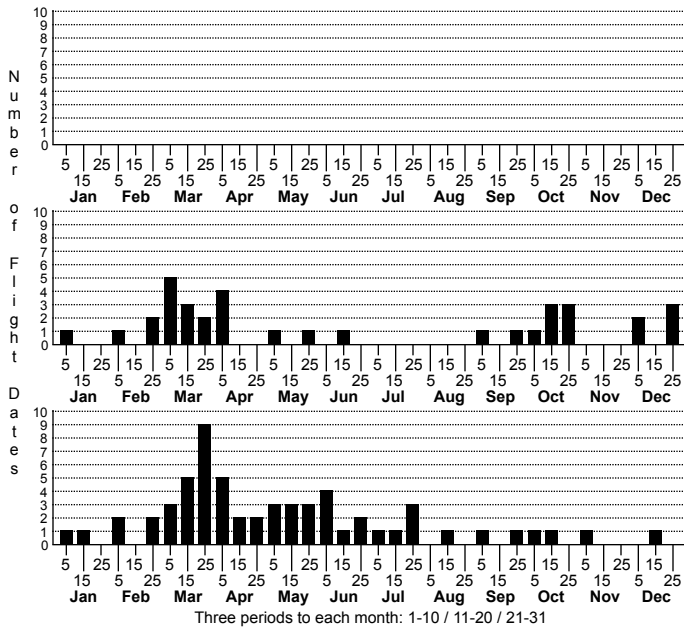


# *Gretchena bolliana* Pecan Bud Moth



FAMILY: Tortricidae SUBFAMILY: Olethreutinae TRIBE: Eucosmini  
 TAXONOMIC\_COMMENTS:

FIELD GUIDE DESCRIPTIONS:  
 ONLINE PHOTOS:  
 TECHNICAL DESCRIPTION, ADULTS:  
 TECHNICAL DESCRIPTION, IMMATURE STAGES:

ID COMMENTS: A grayish Olethreutine with a series of tufts on the forewing that give it a bumpy appearance. The ground color is grayish, variably shaded with brown and darker gray. Two dark, oblique lines are located in the antemedian and median position bordered by a gray patch located in the outer part of the wing. Two contrasting patches of black are located along the outer portion of the wing, the posterior-most strongly pointed towards the apex that Forbes (1924) likened to a bird's beak. A dark diagonal streak runs from the point of this beak to the apex.

DISTRIBUTION: Please refer to the dot map.

FLIGHT COMMENT: Please refer to the flight charts.

HABITAT: Most of our records come from residential neighborhoods, at least some of which may have Pecans planted as an ornamental. Records from natural areas include mesic slopes and bottomland hardwoods.

FOOD: The larvae feed on walnuts and hickories (Kearfott, 1908; Forbes, 1923; Mozzette et al., 1931; MacKay, 1959; Kimball, 1965; Prentice, 1966; Mizell & Schiffhauer, 1986; Godfrey et al., 1987; Robinson et al., 2010; Lam et al., 2011; Beadle and Leckie, 2018). The reported hosts include Water Hickory (<i>Carya aquatica</i>), Pecan (<i>C. illinoensis</i>), Butternut (<i>Juglans cinerea</i>) and Black Walnut (<i>J. nigra</i>).

OBSERVATION\_METHODS:

NATURAL HERITAGE PROGRAM RANKS: GNR S3S4

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

COMMENTS: