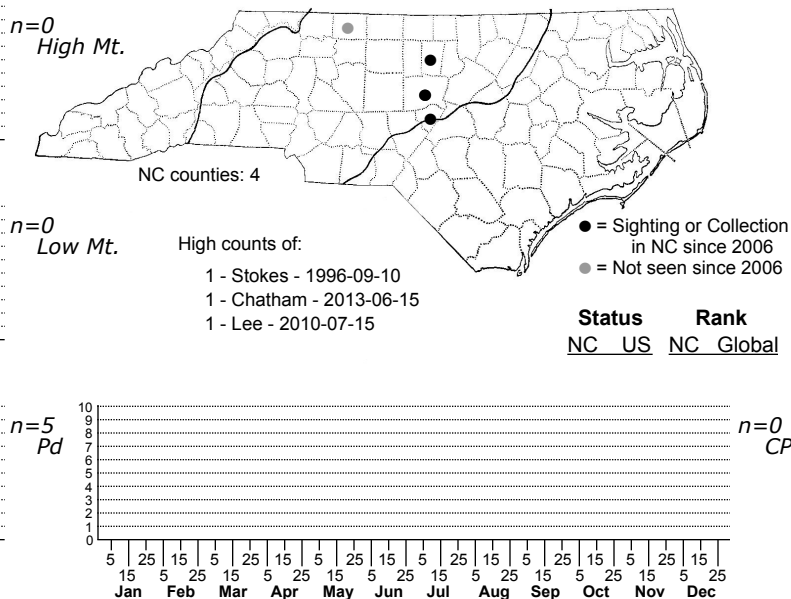
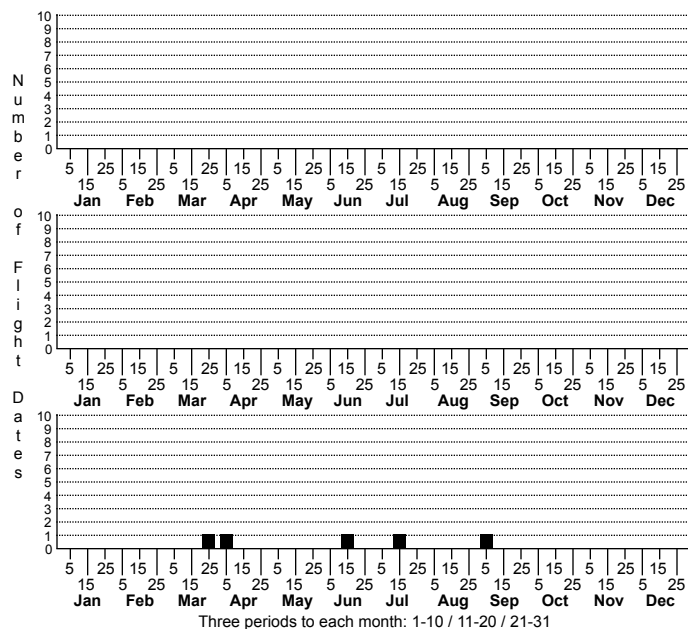


Heteropacha rileyana Riley's Lappet Moth



FAMILY: Lasiocampidae SUBFAMILY: Lasiocampinae TRIBE: Gastropachini
TAXONOMIC_COMMENTS:

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

ONLINE PHOTOS:

TECHNICAL DESCRIPTION, ADULTS:

TECHNICAL DESCRIPTION, IMMATURE STAGES:

ID COMMENTS:

DISTRIBUTION: We only have a few records for the species, all from the Piedmont. It could potentially occur wherever the host plant (Honey Locust) is found, which includes most of the Piedmont and the southern part of the Blue Ridge. North Carolina is apparently at the eastern extreme of the range of *H. rileyana*, with most of the records mapped by Moth Photographers Group (accessed 12/15/24) ranging west from Ohio into the Great Plains states and south to Texas.

FLIGHT COMMENT: Please refer to the flight charts.

HABITAT: Records from Chatham and Lee are from a hot spot for *Gleditsia* feeders, with all of the species known to occur in North Carolina found in that area. *Gleditsia* occurs there both in old pastures and planted in parking lots.

FOOD: Larvae feed on Honey Locust (*Gleditsia triacanthos*) (Wagner, 2005). There is also a BugGuide record (George Smiley, 2020) for Water Locust (*Gleditsia aquatica*) in Texas.

OBSERVATION_METHODS:

NATURAL HERITAGE PROGRAM RANKS: G4 SNR [S2S3]

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

COMMENTS: