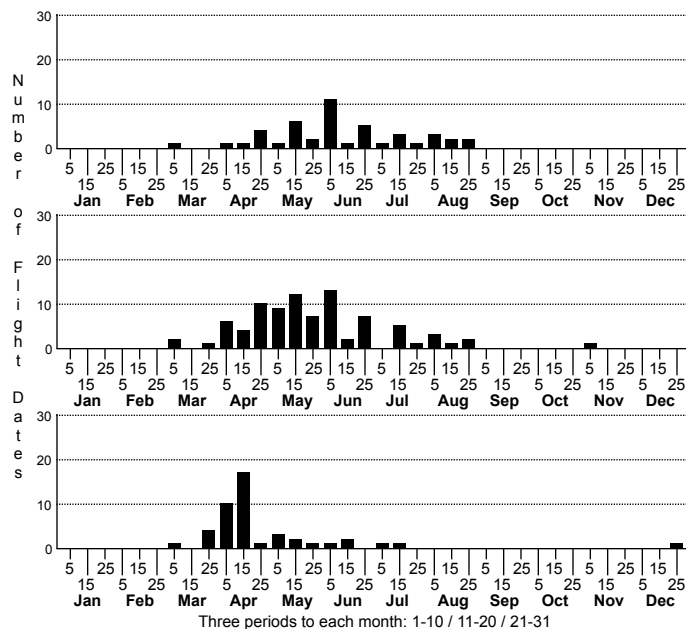


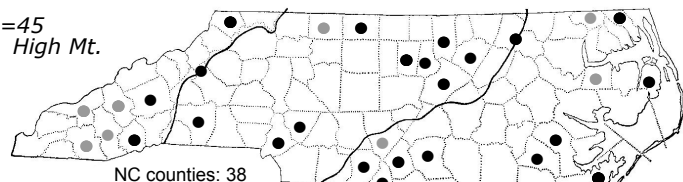
Melanolophia signataria Signate Melanolophia Moth



n=45
High Mt.

n=86
Low Mt.

n=45
Pd

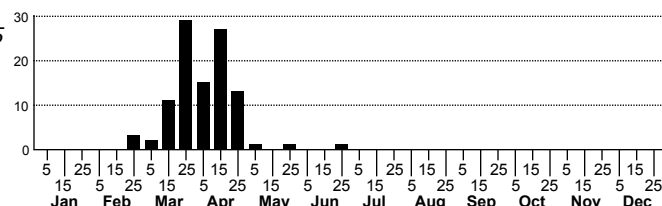


High counts of:

94 - Carteret - 2020-03-18
47 - Macon - 1999-06-05
40 - Burke - 2014-05-13

● = Sighting or Collection in NC since 2004
● = Not seen since 2004

Status Rank
NC US NC Global



FAMILY: Geometridae SUBFAMILY: Ennominae TRIBE: Melanolophiini
TAXONOMIC_COMMENTS:

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

ONLINE PHOTOS:

TECHNICAL DESCRIPTION, ADULTS:

TECHNICAL DESCRIPTION, IMMATURE STAGES:

ID COMMENTS: A medium-sized, brown Geometrid that is very similar to *Melanolophia canadaria*. "Usually distinguished by its smoother look, more complete and less wavy markings and brown tint" (Forbes, 1948). The postmedian is continuous and not waved, slanting in to the inner margin. During the spring, when both species fly at the same time, dissection is often needed to distinguish them.

DISTRIBUTION: Please refer to the dot map.

FLIGHT COMMENT: Please refer to the flight charts.

HABITAT: Our records come from a wide range of forests, from maritime forests to northern hardwoods.

FOOD: Larvae have been recorded on a wide range of tree species, including both conifers and hardwoods (Robinson et al., 2010).

OBSERVATION_METHODS:

NATURAL HERITAGE PROGRAM RANKS: G5 S3S4

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

COMMENTS: