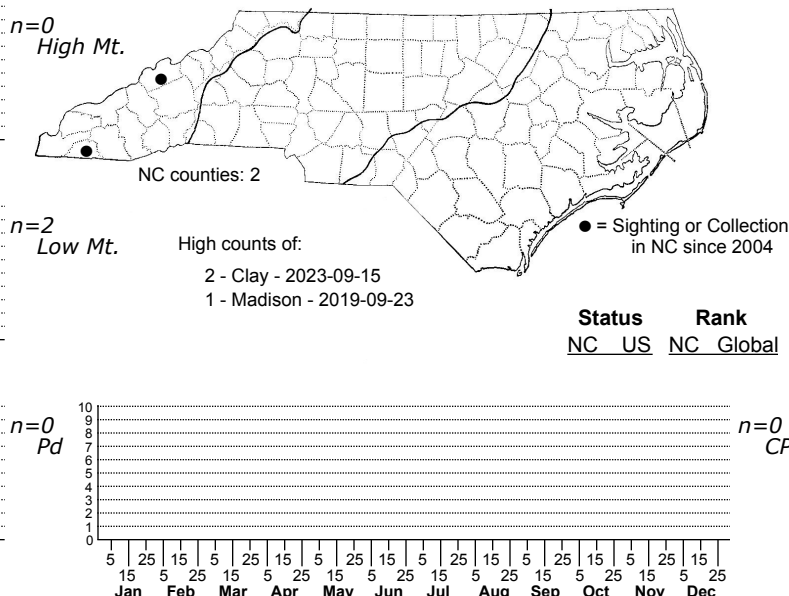
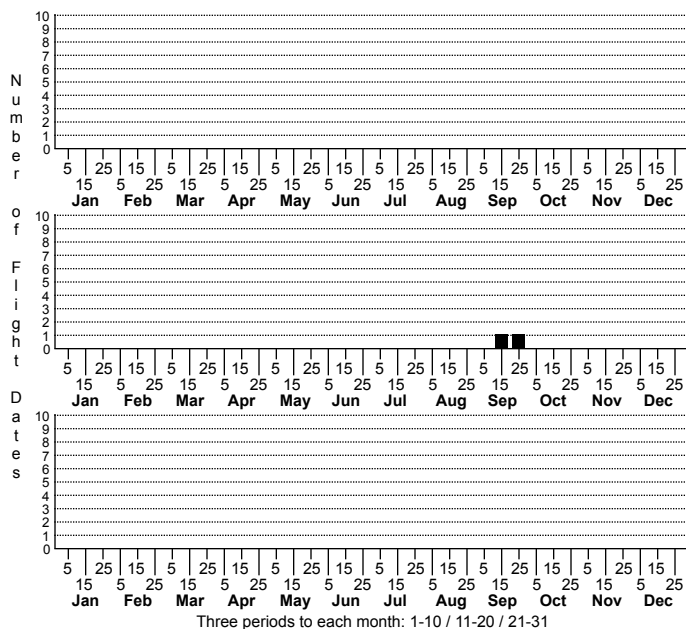


Apodrepanulatrix liberaria Barrens Carpet



FAMILY: Geometridae SUBFAMILY: Ennominae TRIBE: Caberini
TAXONOMIC_COMMENTS:

FIELD GUIDE DESCRIPTIONS:

ONLINE PHOTOS:

TECHNICAL DESCRIPTION, ADULTS:

TECHNICAL DESCRIPTION, IMMATURE STAGES:

ID COMMENTS:

DISTRIBUTION: Please refer to the dot map.

FLIGHT COMMENT: Please refer to the flight charts.

HABITAT: One of our two records comes from a yard in a rural area in the Asheville Basin where New Jersey Tea was growing in the immediate vicinity along a forest edge. This is one of the driest areas in the state and supports a substantial amount of dry woodland habitats. The other site contains an example of Ultramafic Outcrop Barrens, supporting a open, prairie or savanna-like vegetation. A population of Mottled Duskywing has also been recorded at this site, indicating the presence of the host plant used by both of these species, *Ceanothus americana*.

FOOD: Larvae appear to be monophagous on New Jersey Tea (*Ceanothus americana*) (Wagner et al., 2001).

OBSERVATION_METHODS:

NATURAL HERITAGE PROGRAM RANKS: G3 S1

STATE PROTECTION:

COMMENTS: As with other species associated with New Jersey Tea, this species appears to be under severe threat due to overgrazing by White-tailed Deer. At the site where this species was found in Madison County, 2020, White-tailed Deer have dramatically reduced the number of *Ceanothus* plants on the property.