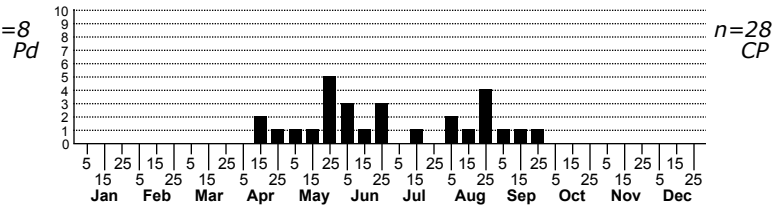
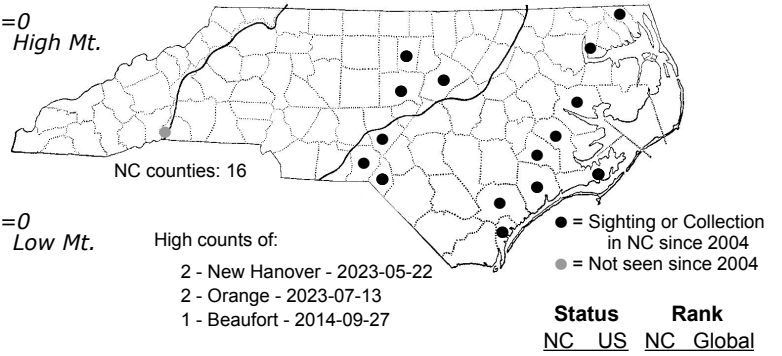
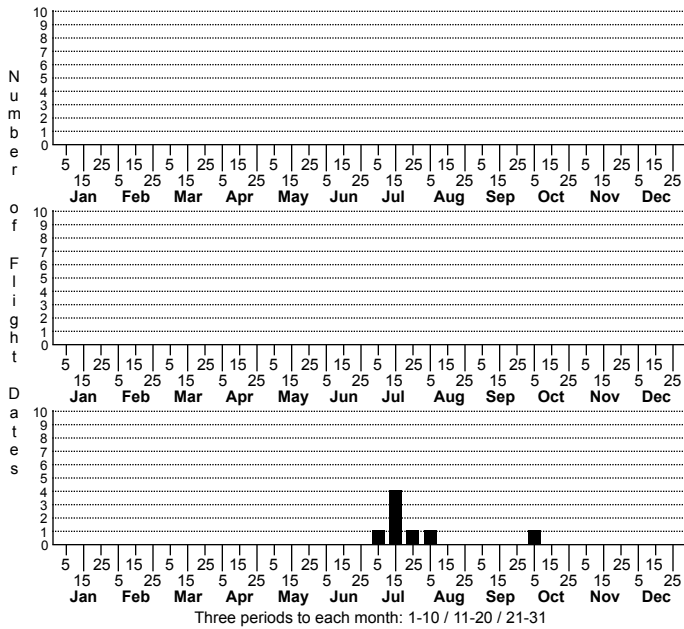


*Sonia paraplesiana* Hebrew Sonia Moth



FAMILY: Tortricidae SUBFAMILY: Olethreutinae TRIBE: Eucosmini

TAXONOMIC COMMENTS: *Sonia* is a taxonomically challenging genus because many of the traditionally recognized species are difficult to distinguish based on either external patterning, genitalia, or DNA barcoding. *Sonia constrictana* and *S. paraplesiana* are two morphologically similar forms that were previously considered to occur sympatrically throughout the eastern U.S. In the latest revision of the genus, Wright and Gilligan (2023) recognized these two species based on subtle differences in external morphology and genitalia, but restricted *S. constrictana* to populations that occur in Texas eastward to Louisiana. The more widespread *S. constrictana*-like populations that occur throughout the eastern U.S. were all assigned to *S. paraplesiana*. As such, *S. constrictana* (sensu stricto) is no longer a part of the North Carolina fauna.

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:

FOOD: Larvae reportedly feed on *Baccharis halimifolia* (Robinson et al., 2010). We do not have any larval records in North Carolina.

OBSERVATION\_METHODS:

NATURAL HERITAGE PROGRAM RANKS:

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

COMMENTS: