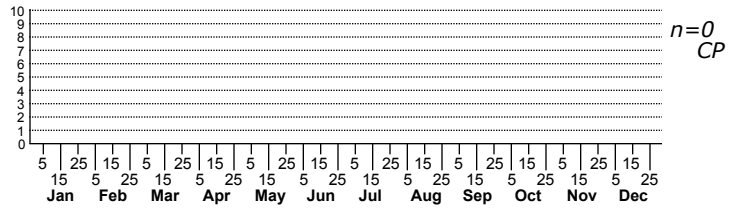
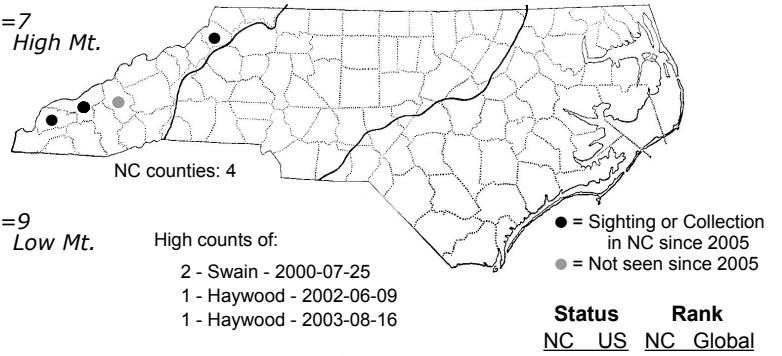
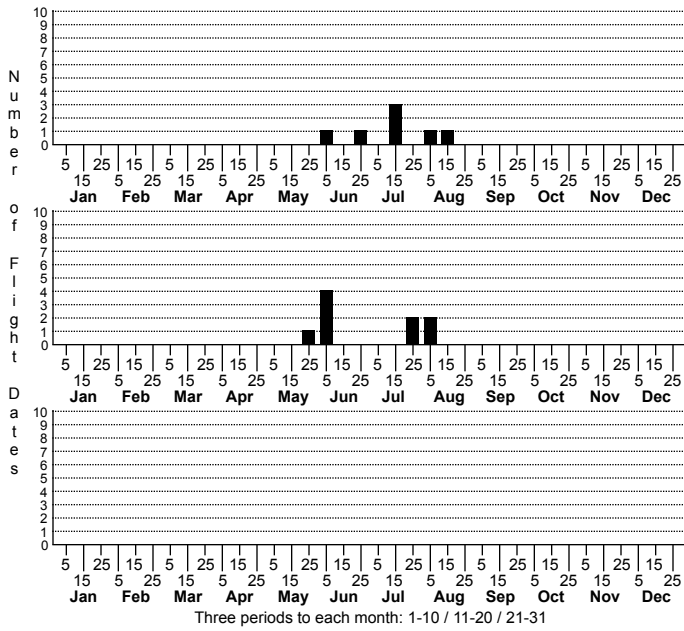


Hypsopygia thymetusalis Spruce Needleworm Moth



FAMILY: Pyralidae SUBFAMILY: Pyralinae TRIBE: Pyralini
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: We have records both from Spruce-Fir forests and from cove or alluvial forests at lower elevations in the mountains.

FOOD: Larvae feed on primarily on spruce (*Picea*) but have also been reported on fir (*Abies*), larch (*Larix*), and pines (*Pinus*) (Robinson et al., 2010). We do not have any feeding records in North Carolina.

OBSERVATION_METHODS:

NATURAL HERITAGE PROGRAM RANKS: GNR S2S3

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

COMMENTS: This species may be a disjunct species in the Southern Appalachians.