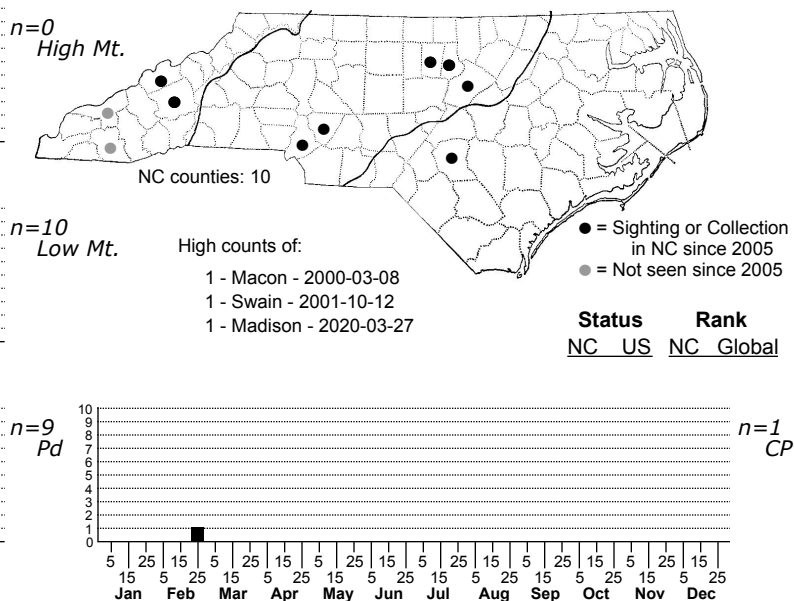
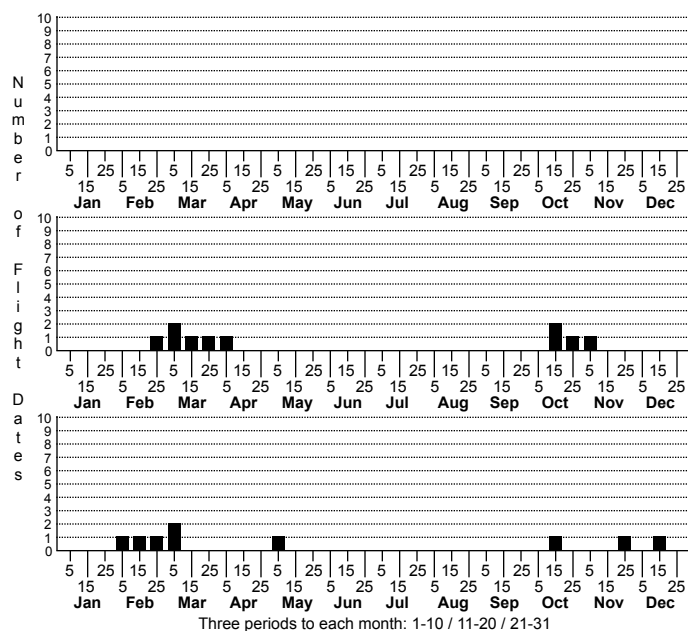


Lithophane bethunei Bethune's Pinion



FAMILY: Noctuidae SUBFAMILY: Noctuinae TRIBE: Xylenini

TAXONOMIC_COMMENTS: One of 51 species in this genus that occur in North America (Lafontaine and Schmidt, 2010, 2015), 25 of which have been recorded in North Carolina

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

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: Inhabits woodlands and forests across its wide range in eastern North America (Wagner et al., 2011). In North Carolina, records come mainly from bottomland hardwoods or mesic forests.

FOOD: Larvae are polyphagous on a wide range of trees and shrubs. Wagner et al. (2011) specifically list maple (*Acer*), birch (*Betula*), hickory (*Carya*), hawthorn (*Crataegus*), American Beech (*Fagus grandifolia*), ash (*Fraxinus*), witch-hazel (*Hamamelis*), apple (*Malus*), American Hop-hornbeam (*Ostrya virginiana*), poplar (*Populus*), cherry (*Prunus*), oak (*Quercus*), willow (*Salix*), American Basswood (*Tilia americana*), and Cranberry (*Vaccinium macrocarpon*). We do not have any feeding records in North Carolina.

OBSERVATION_METHODS:

NATURAL HERITAGE PROGRAM RANKS: GNR SNR [S2S4]

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

COMMENTS: