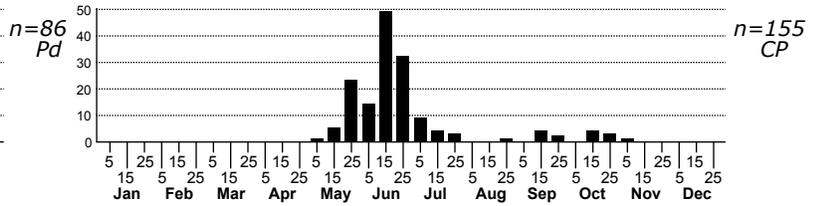
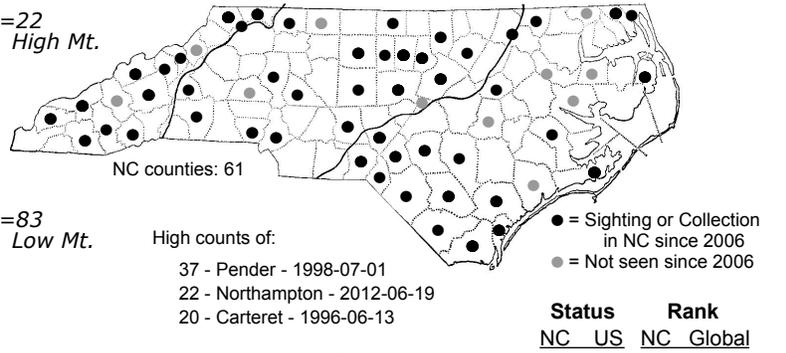
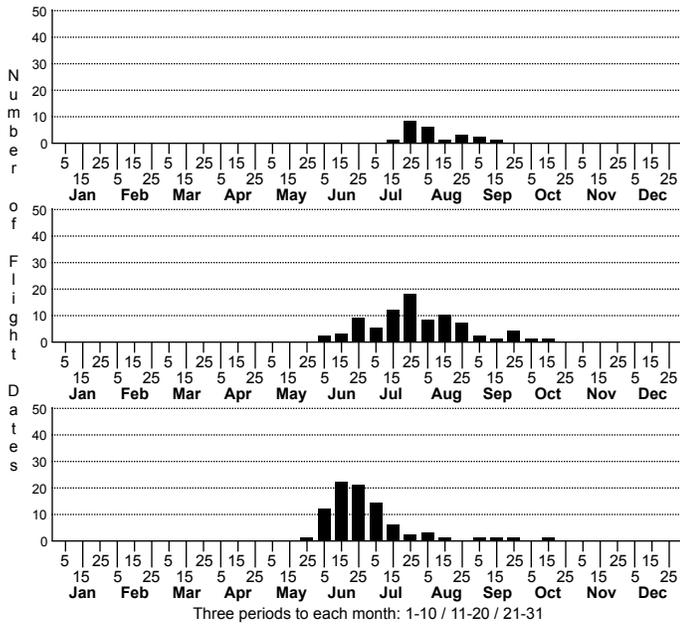


Eulithis diversilineata Lesser Grapevine Looper Moth



FAMILY: Geometridae SUBFAMILY: Larentiinae TRIBE: Hydrimenini

TAXONOMIC_COMMENTS: This is one of fourteen species in this genus that occur in North America north of Mexico (Pohl et al., 2016), five 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: Similar in pattern to *E. gracilineata* but is usually darker and has the median area shaded with dark brown, particularly in the lower half; in *E. gracilineata*, this area is filled with the pale ground color (Forbes, 1948). The discal dot is inconspicuous or absent in this species versus dark and contrasting in *E. gracilineata*.

DISTRIBUTION: Please refer to the dot map.

FLIGHT COMMENT: Please refer to the flight charts.

HABITAT: We have records from a very wide range of habitats, corresponding with the distribution of Muscadine Grape. These include maritime dunes and forests, swamp forests and bottomlands, xeric sand ridges, mesic hardwoods, cove forests, and northern hardwoods

FOOD: Larvae feed on grape (*Vitis* spp. as well as *Muscadinia rotundifolia*) and Virginia Creeper (*Parthenocissus quinquefolia*) (Wagner, 2005). Other reported hosts require confirmation. We do not have any feeding records in North Carolina.

OBSERVATION_METHODS:

NATURAL HERITAGE PROGRAM RANKS: G5 SNR [S5]

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

COMMENTS: