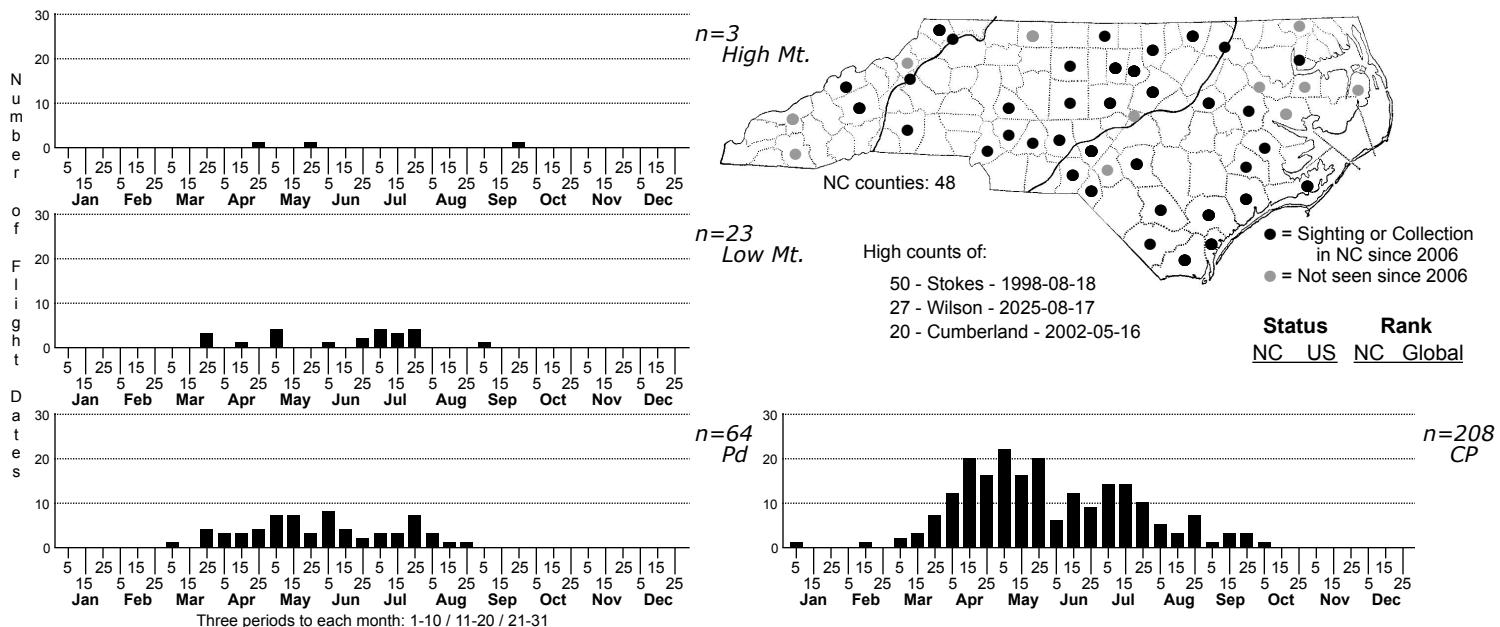


Iridopsis vellivolata Large Purplish Gray



FAMILY: Geometridae SUBFAMILY: Ennominae TRIBE: Boarmiini

TAXONOMIC COMMENTS: One of 20 species in this genus that occur in North America north of Mexico, seven of which have been recorded in North Carolina. In Rindge's 1966 revision of this group, 18 were placed in *Anacamptodes*, which he recognized as possibly representing the same genus as *Iridopsis*, and two in *Iridopsis* itself.

FIELD GUIDE DESCRIPTIONS: Covell (1984; as *Anacamptodes vellivolata*); Beadle and Leckie (2012)

ONLINE PHOTOS:

TECHNICAL DESCRIPTION, ADULTS:

TECHNICAL DESCRIPTION, IMMATURE STAGES:

ID COMMENTS: One of the largest members of this genus in North Carolina, similar in size and markings to *I. defectaria* but with a solidly purplish rather than white ground color. This coloration is similar to that of the smaller *I. humaria* but it lacks the black ring and white band found in that species on the first abdominal segment.

DISTRIBUTION: Please refer to the dot map.

FLIGHT COMMENT: Please refer to the flight charts.

HABITAT:

FOOD: Larvae feed mainly on pines but also on other species of conifers. Wagner et al. (2001) specifically list fir (*Abies*), larch (*Larix*), spruce (*Picea*), and pine (*Pinus*). We do not have any feeding records in North Carolina.

OBSERVATION METHODS:

NATURAL HERITAGE PROGRAM RANKS: G5 SNR [S4S5]

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

COMMENTS: