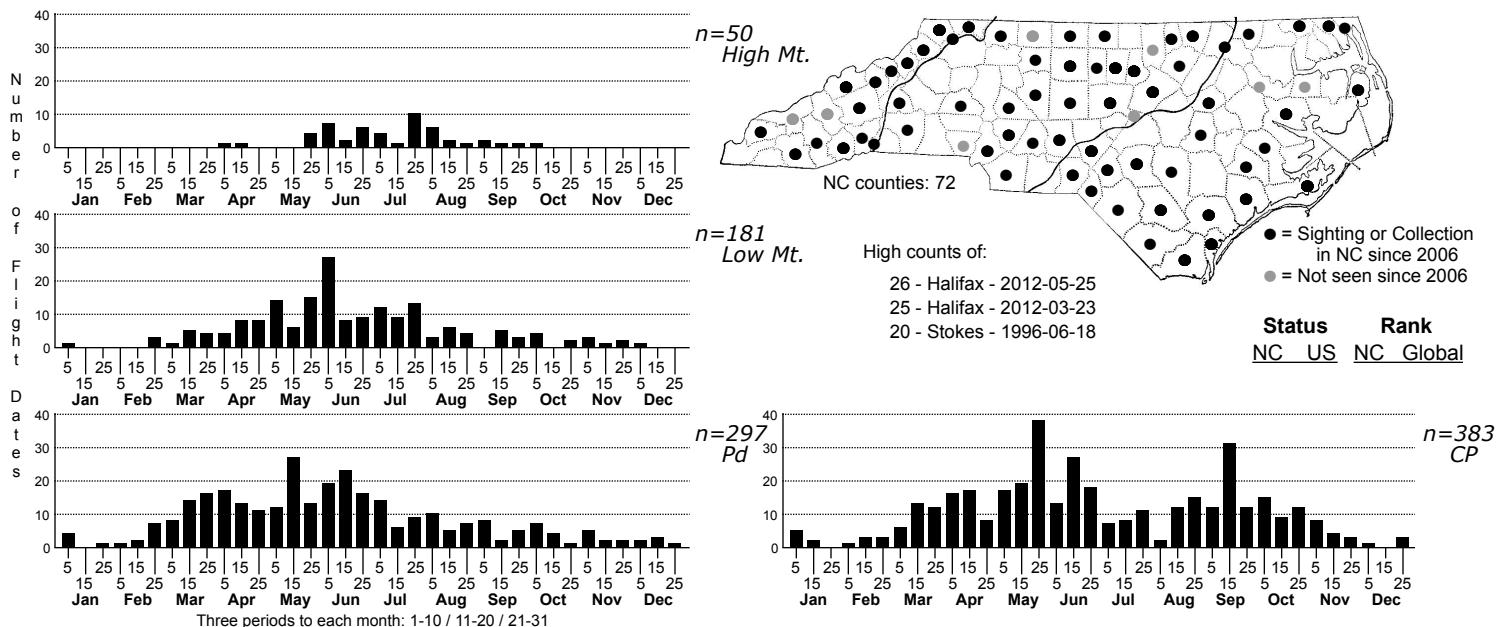


Costaconvexa centrostrigaria Bent-line Carpet



FAMILY: Geometridae SUBFAMILY: Larentiinae TRIBE: Xanthorhoini

TAXONOMIC COMMENTS:

FIELD GUIDE DESCRIPTIONS: Covell (1984; as *Orthonama centrostrigaria*); Beadle and Leckie (2012)

ONLINE PHOTOS:

TECHNICAL DESCRIPTION, ADULTS:

TECHNICAL DESCRIPTION, IMMATURE STAGES:

ID COMMENTS: A medium sized Wave with sexually dimorphic wing markings. Males have a pale grayish or brownish median band bounded on the basal side with a chocolate brown area that extends to the antemedian. A similar chocolate brown band also exists on the outward side bordering the postmedian but below the cell this band changes sharply to a paler brown. Females are similar but have a blackish median band. Males of *Orthonama obstipata* are similar to female *C. centrostrigaria* in having a blackish median area, but have paler brown between the black median area and the whitish antemedian and postmedian lines (Forbes, 1948). The apex is also marked with a dark wedge in *centrostrigaria* but is pale in *obstipata* and bounded below by a dark dash or shade. Additionally, the postmedian in *obstipata* is usually incurved where it meets the costa but is either slightly excurved or straight in *centrostrigaria*.

DISTRIBUTION: Please refer to the dot map.

FLIGHT COMMENT: Please refer to the flight charts.

HABITAT: We have records from essentially the entire spectrum of forested and open habitats in North Carolina, from maritime dunes to Spruce-Fir forests.

FOOD: Larvae are polyphagous, feeding on many species of forbs. Forbes (1948) lists *Polygonum* and Covell (1984) adds Smartweed (*Persicaria*). 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: