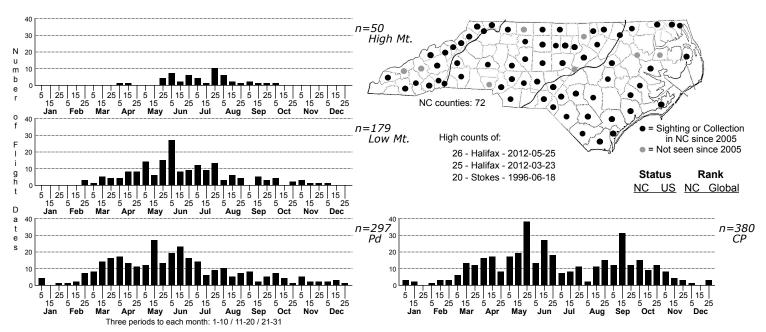
## Costaconvexa centrostrigaria Bent-line Carpet



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 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 <i>Polygonum</i> and Covell (1984) adds Smartweed (<i>Persicaria</i>). 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: