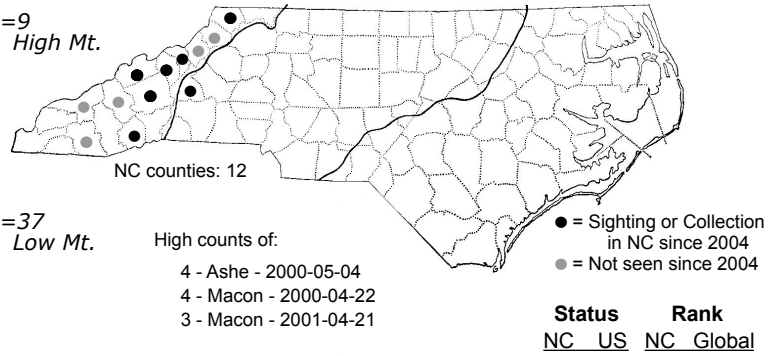
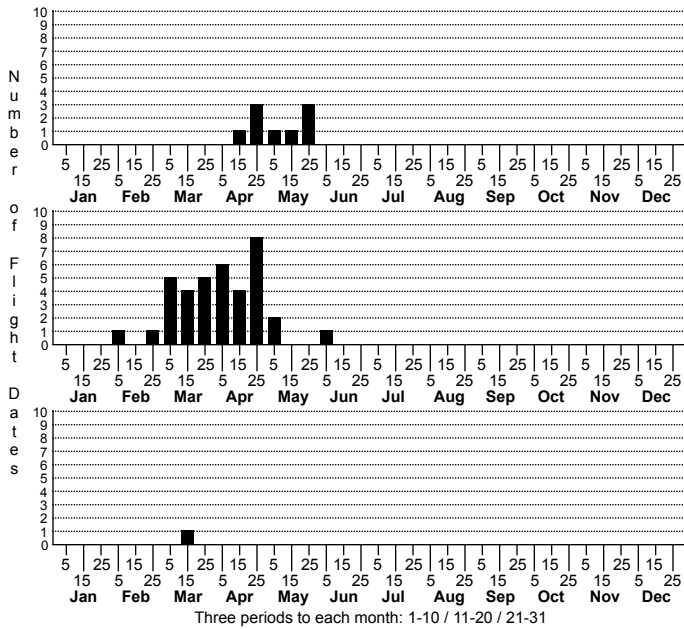


Anticlea vasiliata Variable Carpet



FAMILY: Geometridae SUBFAMILY: Larentiinae TRIBE: Hydrimenini
 TAXONOMIC_COMMENTS: A genus of some 17 species described from Europe and the Americas. We have two species in the east which seem quite different from each other. The type species for the genus is from Austria and it seems very unlikely that the genus is valid phylogenetically.

FIELD GUIDE DESCRIPTIONS: Beadle and Leckie (2012)
 ONLINE PHOTOS:
 TECHNICAL DESCRIPTION, ADULTS: Forbes (1948, as *Earophila vasiliata*)
 TECHNICAL DESCRIPTION, IMMATURE STAGES:

ID COMMENTS: The forewing pattern is distinct and there should be no confusion with other species that fly at the same time. Sexes are similar.

DISTRIBUTION: It does not appear to venture far from the mountains but the foothill area is poorly collected, especially in the early spring.

FLIGHT COMMENT: Please refer to the flight charts.

HABITAT: Our records come from Spruce-Fir Forests, Northern Hardwoods, Cove Forests, and montane riparian forests; some come from residential areas and we have at least one record from the Piedmont at the base of the Blue Ridge Escarpment.

FOOD: Wagner (2001) reports that captive larvae accept blackberry (*Rubus*). Other plants are reported to be utilized by the caterpillars including hemlock (*Tsuga*) and rose (*Rosa*) (Robinson et al., 2010; Beadle & Leckie, 2012). We have no records of caterpillars in North Carolina found on any plants so this is a much needed area of research.

OBSERVATION_METHODS: Adults come readily to light and can be quite common though they are on the wing when few people go to the mountains. They are unlikely at bait.

NATURAL HERITAGE PROGRAM RANKS: G5 S3S4

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

COMMENTS: