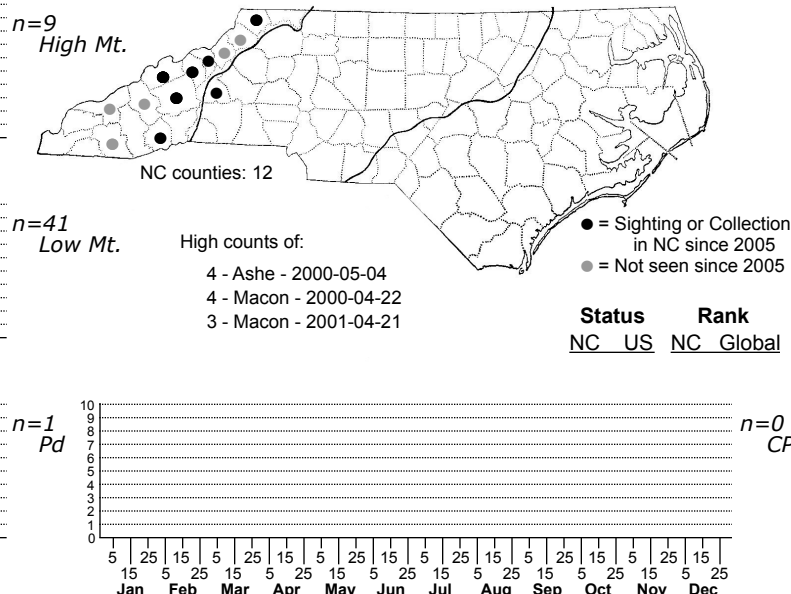
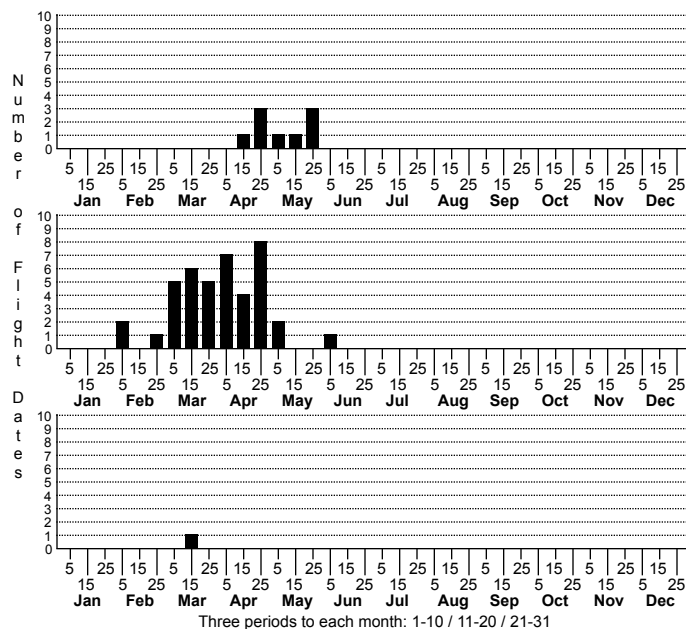


Anticlea vasilata Variable Carpet



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 vasilata*)

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 et al. (2001) report that captive larvae accept blackberry (*Rubus*). Other plants reported to be utilized by the caterpillars include hemlock (*Tsuga*) and rose (*Rosa*) (Tietz, 1972). Research is needed to determine the host plants used in North Carolina.

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 SNR [S3S4]

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

COMMENTS: