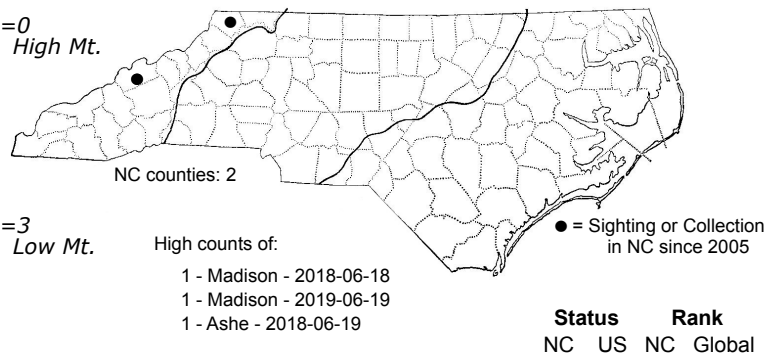
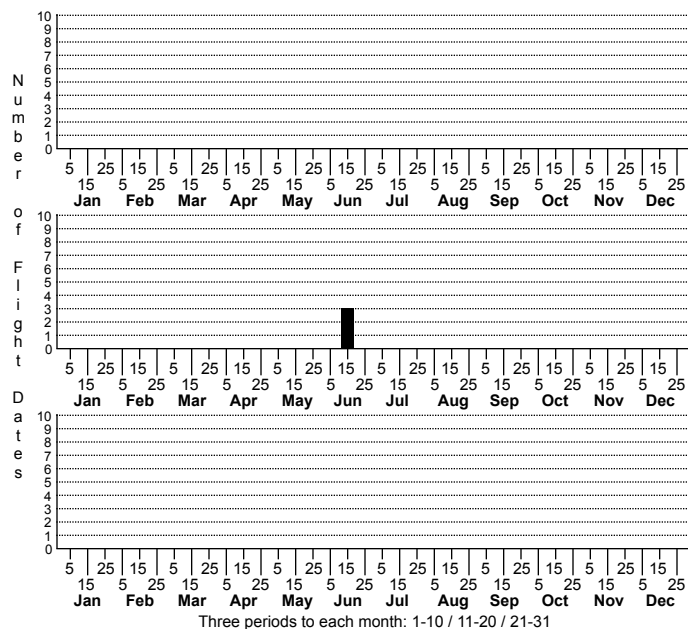


# *Coleophora atromarginata* American Pistol Casebearer Moth



FAMILY: Coleophoridae SUBFAMILY: Coleophorinae TRIBE: [Coleophorini]

TAXONOMIC\_COMMENTS: The genus *Coleophora* is one of the most taxonomically challenging groups in North America. With only a few exceptions, most species cannot be identified based on photographs or external characters. The shape of the larval cases and host plants are very useful in identifying species, and high-quality dissections of genitalia are essential to recognize the majority of species. There are numerous species complexes with many undescribed species, and the taxonomy of Nearctic species remains largely unresolved.

FIELD GUIDE DESCRIPTIONS: Covell (1984); Beadle and Leckie (2012)

ONLINE PHOTOS:

TECHNICAL DESCRIPTION, ADULTS:

TECHNICAL DESCRIPTION, IMMATURE STAGES:

ID COMMENTS:

DISTRIBUTION: This species appears to be primarily northern in its distribution. One of our two records comes from a high elevation site and the other from a lower elevation in the mountains.

FLIGHT COMMENT: Please refer to the flight charts.

HABITAT:

FOOD: Reported hosts include hornbeam (*Carpinus*), oak (*Quercus*), birch (*Betula*), hickory (*Carya*), hazelnut (*Corylus*), and cherry (*Prunus*) (Covell, 1984). We do not have any feeding records in North Carolina.

OBSERVATION\_METHODS:

NATURAL HERITAGE PROGRAM RANKS: GNR SNR [S1S3]

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

COMMENTS: Recorded so far at only two sites in North Carolina.