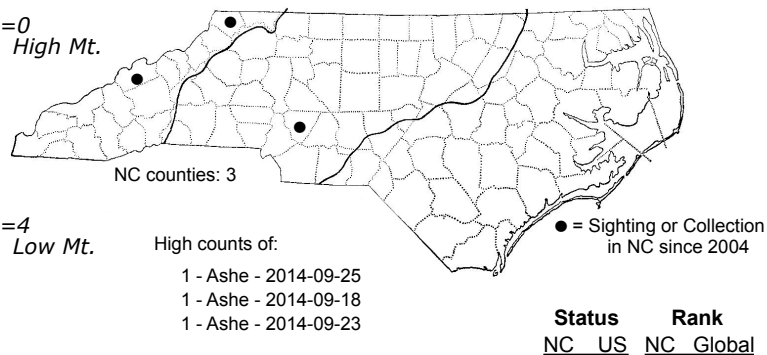
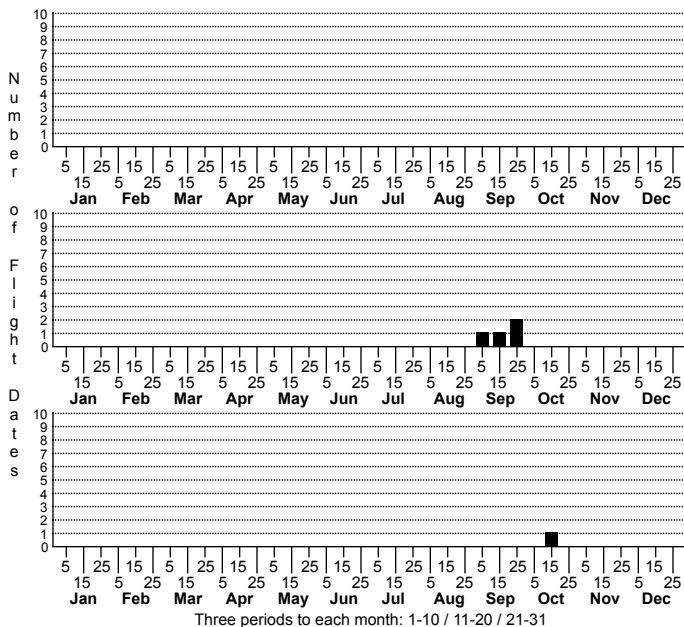


Papaipema rutila Mayapple Borer



FAMILY: Noctuidae SUBFAMILY: Noctuinae TRIBE: Apameini

TAXONOMIC COMMENTS: One of 44 species in this genus that occur in North America north of Mexico (Lafontaine and Schmidt, 2010, 2015), 30 of which have been recorded in North Carolina

FIELD GUIDE DESCRIPTIONS:

ONLINE PHOTOS:

TECHNICAL DESCRIPTION, ADULTS: Bird (1907, as *P. merriccata*); Hampson (1913)

TECHNICAL DESCRIPTION, IMMATURE STAGES:

ID COMMENTS: A medium-large, orange-brown, white-spotted *Papaipema*. Bird's description (as *merriccata*) -- based on individuals reared from *Podophyllum*-feeding larvae -- appear to be the most accurate (he also described another species -- *placida* -- now regarded as a synonym of *rutila*, but whose larvae were unknown).

DISTRIBUTION: Please refer to the dot map.

FLIGHT COMMENT: Please refer to the flight charts.

HABITAT: Records from the mountains come from cove and alluvial forests. Coastal Plain records come from marl forest.

FOOD: Larvae are borers in Mayapples (Wagner et al., 2011)

OBSERVATION_METHODS:

NATURAL HERITAGE PROGRAM RANKS: G4 S2S3

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

COMMENTS: