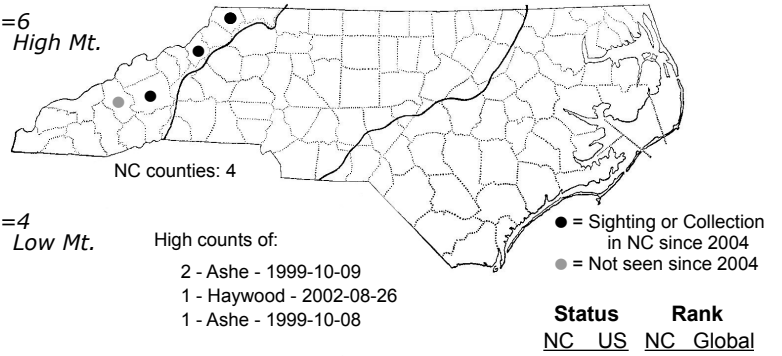
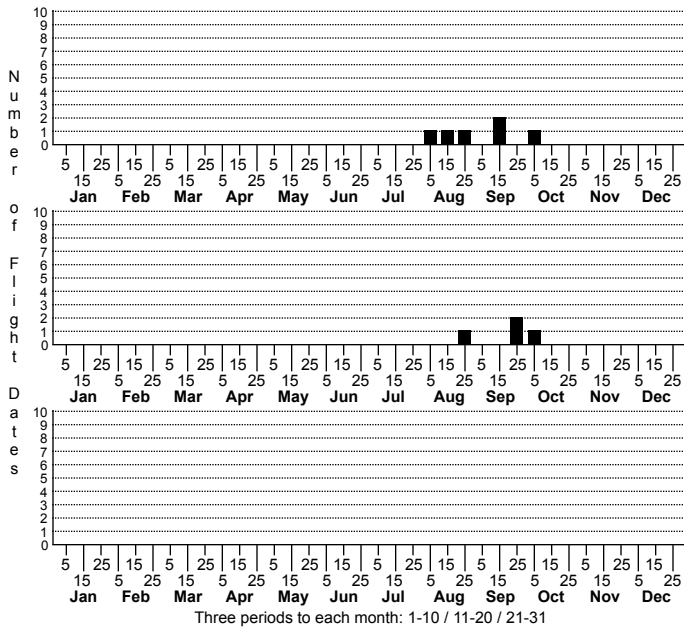


# *Papaipema rigida* Rigid Sunflower Borer



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: Covell (1984)

ONLINE PHOTOS:

TECHNICAL DESCRIPTION, ADULTS:

TECHNICAL DESCRIPTION, IMMATURE STAGES:

ID COMMENTS:

DISTRIBUTION: Please refer to the dot map.

FLIGHT COMMENT: Please refer to the flight charts.

HABITAT: We have records from both montane wet meadows and high elevation fields. Several records also come from cove forests and high elevation hardwoods.

FOOD: Larvae feed on composites, particularly Sunflower species, including Jerusalem Artichoke and Paleleaf Sunflower (Robinson et al., 2010). Other composites that are reportedly used include Common Sneezeweed and Heliopsis helianthoides; Robinson et al. also mention Common Golden-Alexanders in the Apiaceae.

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: