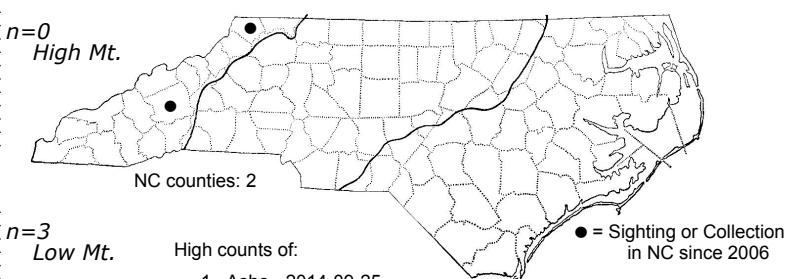
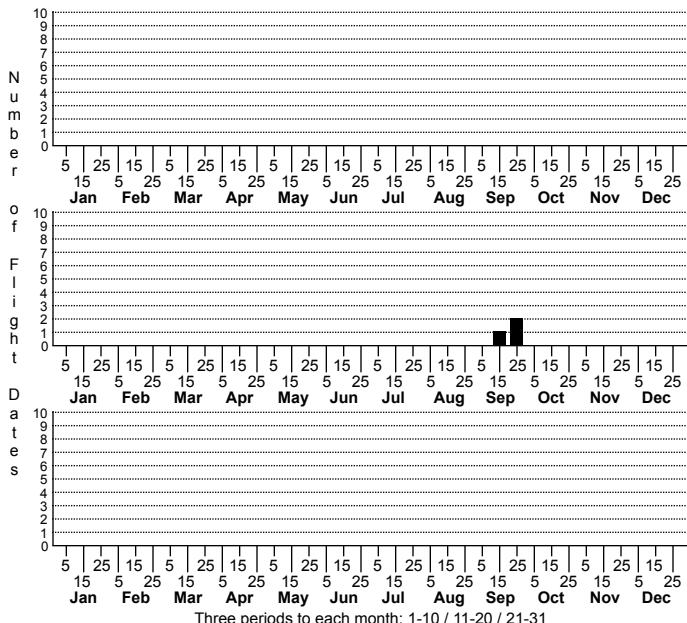
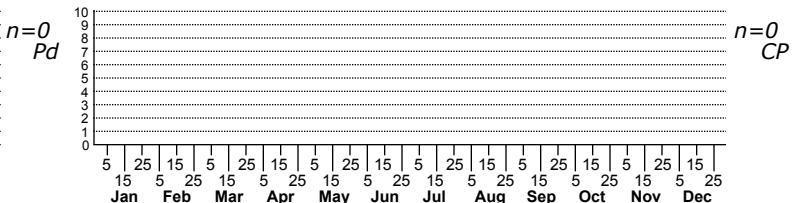


# *Papaipema necopina* Sunflower Borer Moth



NC	US	NC	Global
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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: Our few records come from a mixture of mesic hardwoods and montane pastures.

FOOD: Larvae feed mainly on sunflowers (*Helianthus*), with the following North Carolina species specifically listed: Woodland Sunflower (*Helianthus divaricatus*), Giant Sunflower (*H. giganteus*), Sawtooth Sunflower (*H. grosseserratus*), and Jerusalem Artichoke (*H. tuberosus*) (Tietz, 1972; Robinson et al., 2010; Wagner et al., 2011). A few other composites may also be used.

OBSERVATION METHODS:

NATURAL HERITAGE PROGRAM RANKS: G4 SU

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

COMMENTS: