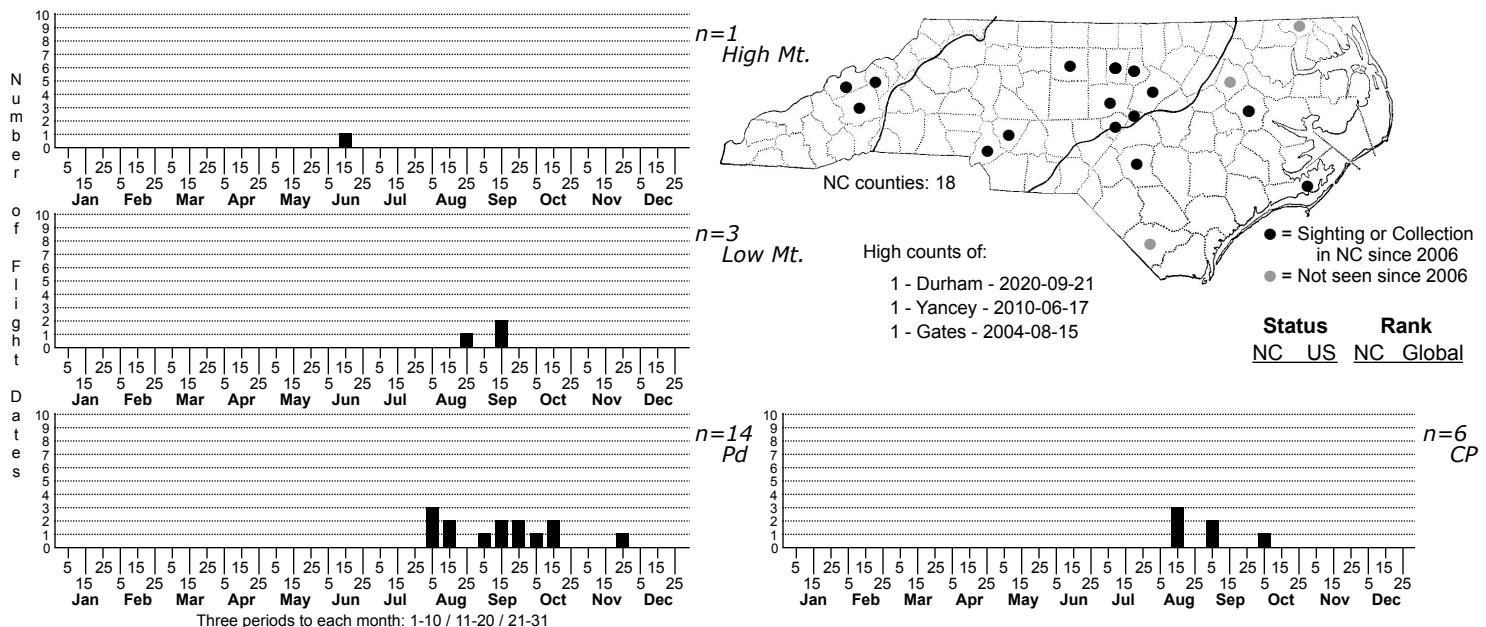


## *Catocala maestosa* Sad Underwing



FAMILY: Erebidae SUBFAMILY: Erebinae TRIBE: Catocalini

TAXONOMIC COMMENTS: One of 103 species in this genus that occur in North America (Lafontaine and Schmidt, 2010, 2015), 67 of which have been recorded in North Carolina. Included by Barnes and McDunnough (1918) in their Group VI (also adopted by Forbes, 1954). This group comprises 15 species, all of which feed on Hickories or Walnuts (Juglandaceae). In addition to *maestosa*, other members of this group that occur in North Carolina include *Catocala retecta*, *Catocala dejuncta*, *Catocala ulalume*, *Catocala insolabilis*, *Catocala myristica*, *Catocala vidua*, *Catocala lachrymosa*, *Catocala palaeogama*, *Catocala nebulosa*, *Catocala subnata*, and *Catocala neogama*.

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

ONLINE PHOTOS:

TECHNICAL DESCRIPTION, ADULTS:

TECHNICAL DESCRIPTION, IMMATURE STAGES: Wagner et al. (2011)

ID COMMENTS:

DISTRIBUTION: Please refer to the dot map.

FLIGHT COMMENT: Please refer to the flight charts.

HABITAT: We have several records from urban areas, where planted Pecan may be the hosts. We also have a few records from brownwater river floodplains, where Bitternut Hickory or Water Hickory may be used.

FOOD: Larvae feed on Pecan (*Carya illinoinensis*) and other Apocarya section hickories, as well as on walnut (*Juglans*) (Wagner et al., 2011). We do not have any feeding records in North Carolina.

OBSERVATION\_METHODS:

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: