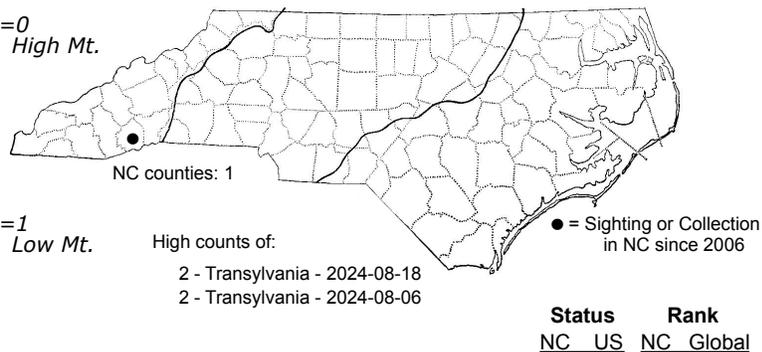
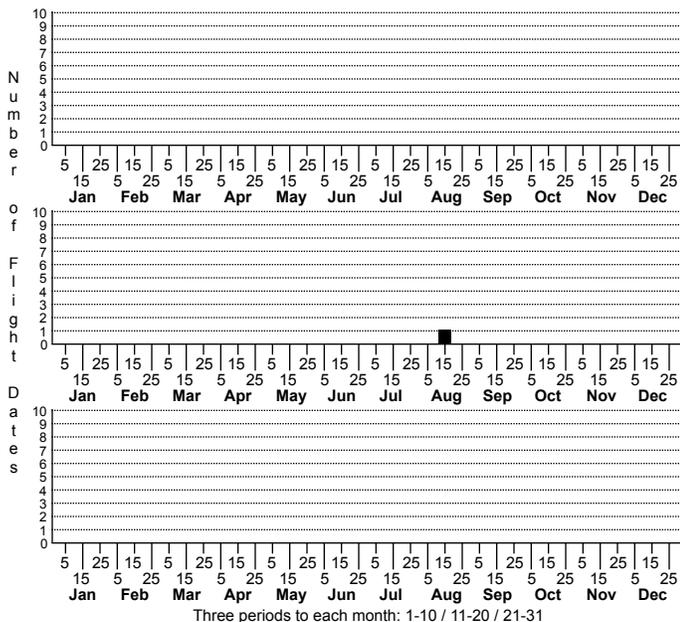


Parornix dubitella No common name



FAMILY: Gracillariidae SUBFAMILY: Parornichinae TRIBE:
 TAXONOMIC_COMMENTS:

FIELD GUIDE DESCRIPTIONS:

ONLINE PHOTOS:

TECHNICAL DESCRIPTION, ADULTS: Dietz (1907)

TECHNICAL DESCRIPTION, IMMATURE STAGES: Eisemn (2022)

ID COMMENTS: *Parornix dubitella* is similar to several other *Parornix* species and is best identified by barcoding or genitalia. The head, thorax and forewings are finely mottled with gray, pale white and fuscus scales to produce an overall grayish-fuscous color. The basal two-thirds of the inner margin, the head, the head tuft and the thorax are often lighter colored than the remainder of the forewing, and the labial palps are usually dusky colored. The forewing has seven or eight dull-white costal streaks that extend inward no farther than the middle of the wing, with the areas in between filled with dark scales. The only other conspicuous marks include a rounded, blackish spot below the apex, a smudged, black blotch just below the inner margin at around one-half the wing length, and a smaller blackish smudge below the inner margin at around one-fourth the wing length. The terminal fringe is white with two blackish bands, including one prominent one near the middle and a partial second one along the outer edge that is most evident on the apical half of the fringe.

DISTRIBUTION: *Parornix dubitella* is generally associated with cool climates and occurs across much of southern Canada from British Columbia eastward to Prince Edward Island. In the US specimens have been found in Maine, Connecticut, Massachusetts, Rhode Island, New York, Virginia, and North Carolina where Jeff Niznik and David George successfully reared two adults from Transylvania County in 2025.

FLIGHT COMMENT: May through August.

HABITAT: This species is typically found in cool, mesic forests.

FOOD: The larvae specialize on members of the Rosaceae, including species of Amelanchier, Malus, Sorbus and Aronia (Eiseman, 2022). As of 2025, we have one rearing record in North Carolina from a serviceberry (*Amelanchier* sp.). Amelanchier, Malus, Sorbus, Aronia

OBSERVATION_METHODS:

NATURAL HERITAGE PROGRAM RANKS:

STATE PROTECTION:

COMMENTS: