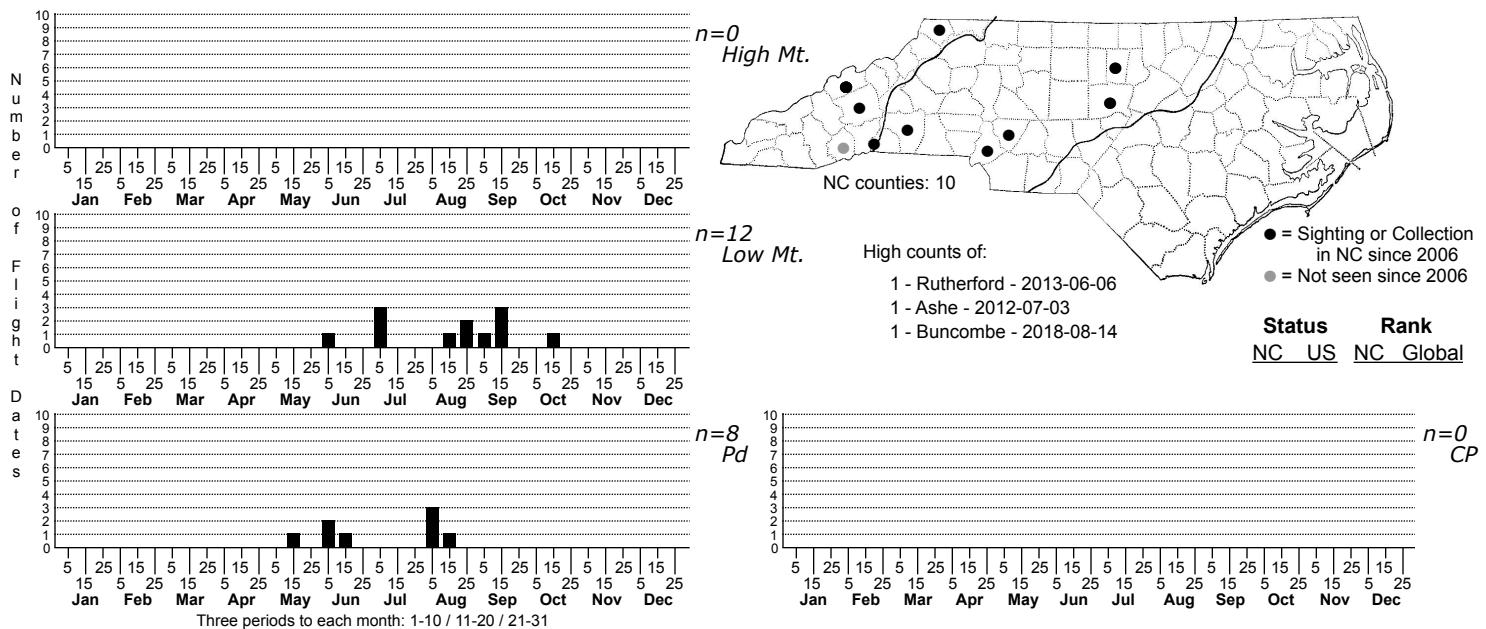


Idaea bonifata Fortunate Wave



FAMILY: Geometridae SUBFAMILY: Sterrhinae TRIBE: Sterrhini

TAXONOMIC COMMENTS: One of thirty species in this genus that occur in North America north of Mexico (Pohl et al., 2016). Thirteen have been recorded in North Carolina.

FIELD GUIDE DESCRIPTIONS:

ONLINE PHOTOS:

TECHNICAL DESCRIPTION, ADULTS: Hulst (1887); Forbes (1948)

TECHNICAL DESCRIPTION, IMMATURE STAGES:

ID COMMENTS: A small (one of the smallest Geometrids) yellowish to tan Wave. The face is black and strongly contrasting with the buff-colored inter-antennal ridge. The ground color of the forewings is buff and is crossed by several darker fuscous lines that are irregular in course and often interrupted; a strong, dark discal spot is also present, as are dots at the base of the fringe (Forbes, 1948). Hindwings are similar.

DISTRIBUTION: Most of our records come from the Mountains, but we have at least one record from the western Piedmont

FLIGHT COMMENT: Our records come from June and July

HABITAT: Our records come from somewhat both fairly dry woodlands and riparian forests.

FOOD: Larvae feed on dried flowers and are often pests in herbaria (Forbes, 1948; Robinson et al., 2010).

OBSERVATION METHODS: Comes to lights to some extent.

NATURAL HERITAGE PROGRAM RANKS: GNR SNR [S3S4]

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

COMMENTS: We have too few records to determine the distribution, abundance, host plants, or habitat affinities for this species in North Carolina. More such information is needed in order to assess its conservation status in this state.