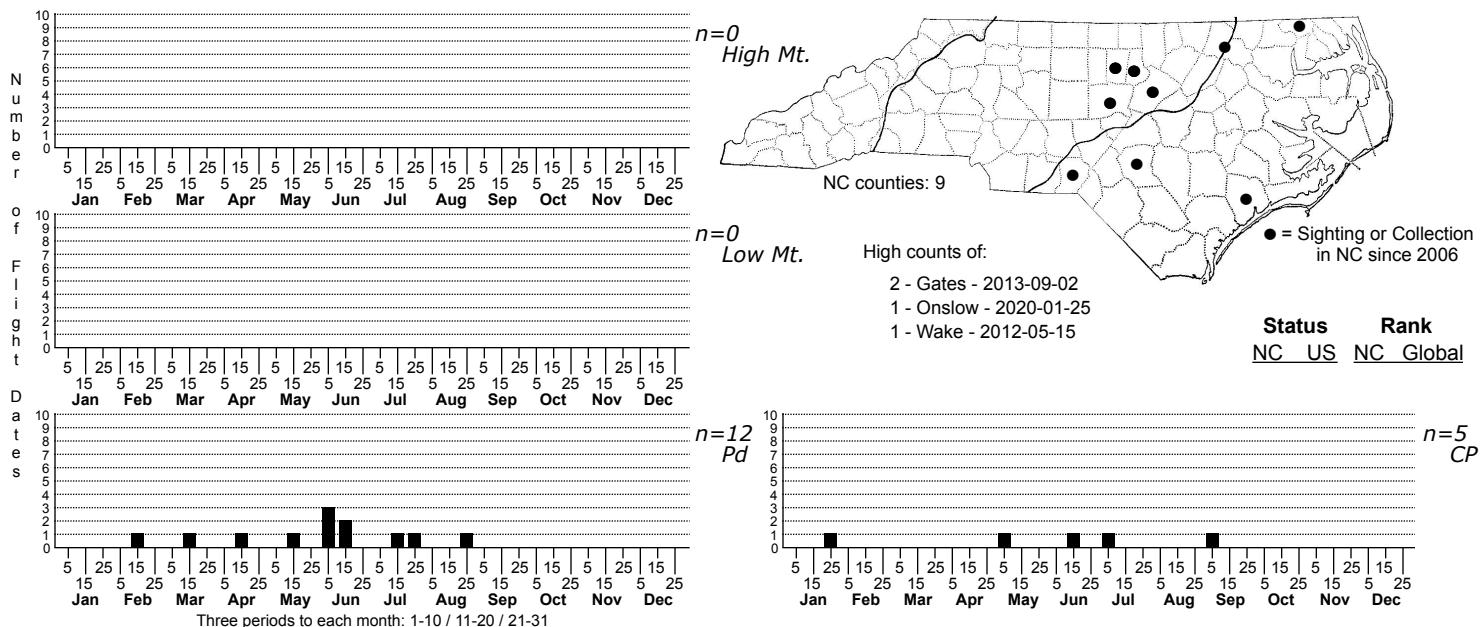


# *Coleotechnites new species 1* No common name



FAMILY: Gelechiidae SUBFAMILY: Gelechiinae TRIBE:

TAXONOMIC COMMENTS: The genus *Coleotechnites* includes 49 very small species that occur in North America. Most species are specialists on conifers and tend to feed on a single genus of host plant. Many of the *Coleotechnites* species have almost identical genitalia that are not very useful in delineating closely related forms (Freeman, 1960; 1965). Freeman (1960) noted that host plants and the mining characteristics often provide the most reliable way to identify closely related species.

FIELD GUIDE DESCRIPTIONS:

ONLINE PHOTOS:

TECHNICAL DESCRIPTION, ADULTS:

TECHNICAL DESCRIPTION, IMMATURE STAGES:

ID COMMENTS: This undescribed species has inconspicuous blackish scale tufts, along with a series of small dark spots on an otherwise cream-colored forewing. Note the four spots at the base of the forewing and posterior margin of the thorax that form a straight, transverse row just behind the head.

DISTRIBUTION: As of 2025, all of our records are from the Coastal Plain and eastern Piedmont.

FLIGHT COMMENT: As of 2025, our records extend from late-January through early-September. Local populations appear to have more than one brood per year.

HABITAT:

FOOD: The host plants are apparently unknown.

OBSERVATION METHODS:

NATURAL HERITAGE PROGRAM RANKS: GNR SNR [S2S3]

STATE PROTECTION:

COMMENTS: