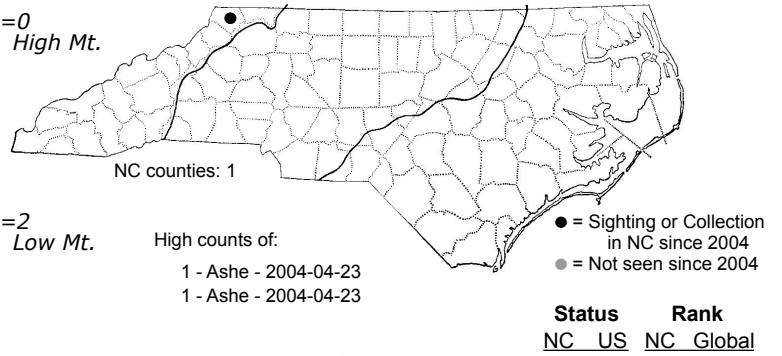
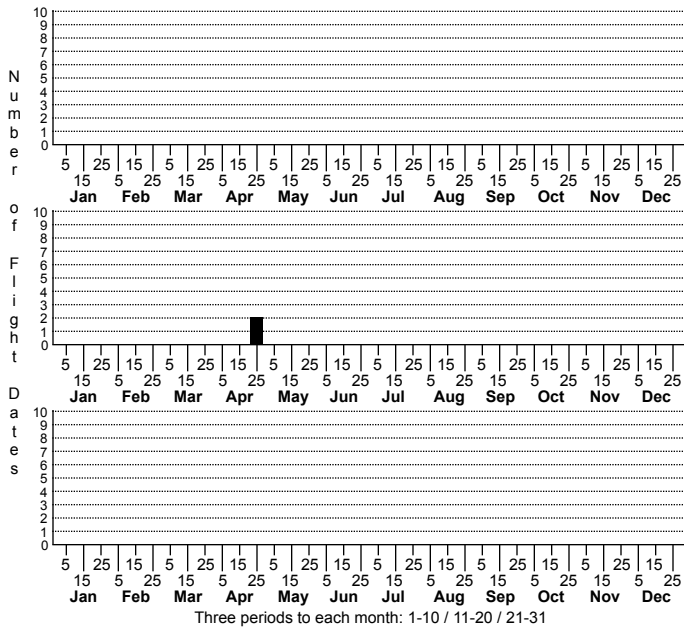


Daphnedesmus dactylifera No common name



FAMILY: Xystodesmidae SUBFAMILY: TRIBE:
TAXONOMIC_COMMENTS:

FIELD GUIDE DESCRIPTIONS:
ONLINE PHOTOS:

ID COMMENTS:

DISTRIBUTION: This species appears to be endemic to the Amphibolite Mountains of northwest North Carolina. It is currently known from only four sites, the location of one of which is unknown (Shelley and Whitehead, 1986)

HABITAT: Shelley and Whitehead (1986) noted that one of the sites where this species has been collected -- the summit of Mt. Jefferson -- cannot be considered a cove. This site is, however, fairly mesic, supporting a stand of High Elevation Red Oak Forest. Habitats at Three-top Mountain do consist of cove forests that grade into Northern Hardwoods towards the summit. The site described as located in the gap between Three-top and Bluff Mountains probably supports cove forest and the most likely habitat that fits these three sites is General Montane Mesic Hardwood Forests

OBSERVATION_METHODS:

NATURAL HERITAGE PROGRAM RANKS: GNR [S1]

STATE PROTECTION:

COMMENTS: This species merits a high priority for conservation based on its extremely small known range. More surveys are required to determine its exact habitat associations, which might be better described as Rich Montane Hardwood Forest than the more general category where we are currently placing it