

Hygrophorus flavodiscus Frost

Yellow-centered waxycap

Hygro from Greek for moist and phorus from Greek word meaning to bear, referring to the glutinous cap



Description:

mushroom

Fruiting Body: cap 2-7 cm; stalk 3-7.5 cm long x 6-14 mm diameter, nearly equal. **Spore Print Color:** white. **Spores:** basidiospores 6-8 x 3.5-5 μm , ellipsoid, smooth, hyaline, inamyloid.

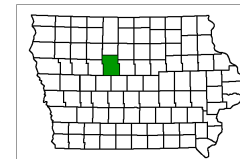
Diagnostic macroscopic feature: the cap color changes to yellow to yellow-orange when dried

Diagnostic microscopic feature: no sterile cells on gills, trama hyphae divergent; cuticle gelatinous, hyphae with yellow content, clamp connections present

Nutritional Mode: mycorrhizal?

Substrate: on ground

Habitat: reportedly in pine woods, but found in deciduous woods in Iowa



rare

Fruiting Season: fall

Kingdom: Fungi

Phylum: Basidiomycota

Order: Agaricales