3/7/2018

Hypocrea sulphurea (Schwein.) Sacc.

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**Description:**
pyrenomycete

**Fruiting Body:** flat yellow stroma, 1 x 1 mm to 7 x 3 cm on bark or bare wood, especially where Exidia fruits. **Spore Print Color:** white. **Spores:** ascospores disarticulate to form 2 inequal part spores, subglobose to ellipsoid (4.2) 5.2 (6.5) (7.5) (4.2) 5.2 (7.0) (8.2) µm, and ellipsoidal to subcylindric (4.5) 5.5 (7) (8.5) (2.7) 4 (5) (6.5) µm, hyaline, punctate, inamyloid.

**Diagnostic macroscopic feature:** stroma looks like yellow smear on down wood because the host is dried down to apparently absent

**Diagnostic microscopic feature:** cylindrical asci have thickened apical wall, and 8 uniseriate, uniseptate spores that disarticulate to form two unequal part spores

**Nutritional Mode:** parasite and possibly saprobic

**Substrate:** jelly fungus Exidia, and wood, though probably where Exidia had fruited

Habitat: dead branches and wood
Fruiting Season: summer, fall

Kingdom: Fungi
Phylum: Ascomycota
Order: Hypocreales