

Tylophoron Nyl. in Stizenb.
(CALICIALES: INCERTAE SEDIS)

After Awasthi, and Rogers

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Thallus crustose or absent, effuse, gray-white to white or brownish, verrucose to felty, ecorticate.

Apothecia initially immersed in thalline warts, later sessile, cylindrical, cup-shaped, or [inverse?] conical; disk open; proper and thalloid exciples present; mazaedium black, protruding from margin or not; thalline margin well developed, triangular in outline in vertical section; excipulum well developed, often with granular crystals, the edge without pale corona; ascocarps not divided into an upper and lower part. Hypothecium hyaline to dark, produced conically downwards; asci cylindrical, thin walled, unitunicate, disintegrating at maturity to release the spores in a mazaedium of ascal and hyphal fragments, 8 spored; spores globose to fusiform, 1 or 2 septate, hyaline to dark brownish, with a thickened wall and septum.

Pycnidia immersed; fulcrum exobasidial; pycnosporos acicular, straight. Photobiont Trentepohlia. On bark.

This description needs to be re-checked.

1. Thallus (and also apothecial margin) C+ red, KC+ red (lecanoric and perlatolic acids). Apothecia 0.32-0.6(-0.72) mm diam. Ascospores (10-)12-15(-18) x (6-)6.5-8 um. Sporodochia white; conidia 1-2(-4)-celled, colorless, rough-walled. Apothecia 0.5 mm high; mazaedium concave to plane, sometimes projecting; spores fusiform, with notch-like ends.

Florida. T. protrudens Nyl. (see Tibell, 1996 for fuller description)

1. Thallus C-, KC-; apothecial margin C+ red, KC+ red (lecanoric and perlatolic acids; gyrophoric acid according to Awasthi & Sharma). Apothecia 0.16-0.48(-0.56) mm diam. Ascospores 8-12(-16) x (4-)5-6 um. Sporodochia, if present, brown; conidia simple, brown. Thallus epiphloedal, cracked or \pm areolate, ashy gray. Apothecia up to 0.5 mm high, cup-shaped, dense; margin concolorous with thallus; disc black; spores brown, ellipsoid to fusiform, with pointed ends, 1-septate. Thallus K+ yellow (according to Awasthi & Sharma, who also state that the thallus is C+ pink, KC+ pink). On bark. Louisiana, Florida T. moderatum Nyl. (see Tibell, 1996 for fuller description)

Literature

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