

Nomenclatural novelties : Jonathan Lee Frank

Mycosymbioces J. L. Frank, in J. L. Frank, gen.nov.

IF550500

Ascocarps stipitate, growing from other mushrooms, with a pileus-like hymenium of aciculate asci and ellipsoid spores. This new Genus is located in the Leotiomycetes incertae sedis near to Collophora, Claussenomyces, Hyaloscypha and Rhytismataceae.

Mycosymbioces mycenaphila ; here designated.

Mycosymbioces mycenaphila J. L. Frank, in J. L. Frank, sp.nov.

IF550501

Ascocarp: 2-4 cm tall. Purple brown, growing from base of basidiocarps in the genus *Mycena*. Stipe elliptical to pinched in cross-section, glabrous 2-4 x 1-2 mm. Hymenium convex cap-like 1.5-2 x 2-2.5 mm, appressed to upper stipe. Asci aciculate 35-50 x 3-6 μm . Spores ellipsoid, hyaline 5-6 x 2-3 μm . This fungus can be recognized in the field by its purple brown stipitate ascocarp with a cap-like convex hymenium appressed to stipe and its habit of growing from the base of other mushrooms, in particular *Mycena haematopus*. It is known to fruit in the fall season in the Cascade Mountains of central Oregon. GenBank sequence: KF030236 (JLF2627; holotype). From "Mycena-lover"™ as it is only known to grow from the fruiting basidiocarps of *Mycena* spp. Comments: Very little DNA data is available for comparison. The closest DNA matches (FJ039689 and FJ039690) in GenBank are reported as "obtained from DNA extracted from *Cortinarius* sp. but belongs to an unrelated fungus."

Holotype JLF2627 (OSC148294) 25 Oct, 2012 Marion Co. Oregon, USA .