

Sclerophora Chevall
(CALICIALES)

After Poelt, and Purvis

Rev. 5/94

Thallus immersed. Photobiont Trentepohlia. Apothecia stalked; stalk short to long, pale or reddish brown. True exciple well developed, forming a distinct collar at base; lower part of collar \pm extended and enclosing stalk; head globose to obconical. Asci cylindrical, with a single functional wall layer, I, dissolving at early stages, formed singly from ascogenous hyphae with croziers. Ascospores hyaline, globose, to 6 μ m diam.; wall minutely warted; accumulating in a welldeveloped, pale mass. Apothecia sometimes with pruina containing a K⁺ violet pigment. In crevices on dry bark.

Separated from Chaenotheca by the different ontogeny and the absence of pigment in the ascospore walls.

1. Stalk and lower surface of capitulum pale yellowish, translucent when wet, becoming gray when senescent, without pruina; stalk 0.8-1.4 mm thick, 0.4-0.7(1.6) mm high; capitulum spherical to lenticular, 0.2-0.4 mm diam., whitish, often sulphur yellow pruinose; mazaedium rust brown; spore mass, K \pm red or purpleviolet (large colored crystals), often whitish pruinose, pruina K⁺; true exciple well developed; excipulum and hypothecium pale; young apothecia sessile, globose. Spores 4 μ m diam; surface with a coglike ornamentation; spore mass pale brown when mature. Thallus endophloic. Spores 4 μ m. In dry bark crevices or wood of deciduous trees, preferably in shade.S. nivea (syn. Coniocybe pallida)

1. Stalk dark, blackish to redbrown. Fruits at first sessile, then stalked, to 3.8 mm high. Envelope well set off from stalk, brown, naked to grayish pruinose; mazaedium ochre, often white pruinose. Hypothecium pale brownish. On deciduous trees, especially oak.S. farinacea

Literature

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