

Henningsomyces O. Kuntze

HENNING KNUDSEN

Solenia Pers.: Fr. non J. Hill

Frb cyphelloid, tubular, whitish, smooth or hairy. Frb 1-2 mm long and 0.1-0.3 mm broad, sessile or short stipitate.

Sp broadly ellipsoid, subglobose to pyriform, smooth, hyaline, thin-walled, without iodine reactions. Hyphae hyaline, with somewhat thickened walls, somewhat glutinous and thus agglutinated, 1-3 μm in diam. Cystidia absent or few and irregularly scattered. Clamps present or absent. Basidia 15-30 \times 5-8 μm , cylindrical, clavate to suburniform, 2-4-spored. Hairs on outside unbranched or branched. Irregular crystals absent or present on outside.

Saprotrophic on decayed wood and debris, often densely gregarious in large numbers; late spring to autumn.

Two species in the Nordic countries.

Lit.: Agerer 1973.



Spores and hairs from margin: *Henningsomyces candidus*.

1. Outside smooth or finely granulose (lens!), whitish or pale yellow brown; mostly on *Fagus*. Frb up to 1 mm long and 0.3 mm in diam., cylindrical, finely pubescent, whitish or cream. Sp 4.5-6 \times 4-5 μm , subglobose to broadly ellipsoid (fig. 281B); hairs around margin irregular, slightly thick-walled, branched, resembling a tree with stiff, upright, short branches, base 2-3 μm thick, branches tapering to 0.5 μm at apex; irregular, hyaline crystals the size of the basidia abundant. Saprotrophic; gregarious, individual frb not merging sideways, on dead, often very rotten and moist wood of deciduous trees, south of the area also on *Abies*; late spring to autumn; occasional in temp.; DK (LC), NO (LC), SE (LC). – B&K 2:229, Bol Bres 37:118, Svp 41:21, ⊙.

H. candidus (Pers.: Fr.) Kuntze (*Solenia c.* Pers.: Fr.)

- Outside entirely or for most part pubescent white (lens!); mostly on *Betula*. Frb 1-3 mm long, c. 0.1 mm in diam., cylindrical and tubular to deeply cup-shaped with constricted base, pure white except at the white or pale yellow apex. Sp 4-6.5 \times 4-5.5 μm , subglobose, broadly ellipsoid or pyriform; hairs around the margin branched, slightly thick-walled, with irregular sinuose-wavy walls, at base 2-3 μm thick, with soft, flexible ramifications pointing in all directions, 6-12 \times 0.5-1 μm ; crystals absent. Saprotrophic; gregarious on bark and on rotten wood of trunks of *Betula*, forming white patches up to several cm, often with hundreds of crowded frb, some of which tend to fuse sideways; occasional in temp.-bore.; DK (LC), FI, NO (NT), SE (LC).

H. puber (W.B. Cooke) D.A. Reid (*Solenia p.* W.B. Cooke)