

Hypocrea subpurpurea sp. nov.

(Fig. 5)

Stromata extensa, carnosa, subpurpurea, hinnulina in sicco, 1.5-2.5 cm² in area, 0.6-0.9 mm crassa, peritheciis fere nudis ex stromatibus, sed effluentibus hypharum

probas, ellipsoideis, 160-200 μ in diametro verticali, 80-120 μ latis, ostiis protrudis, collis 20-40 μ longis. Partosporae hyalinae, verrucosae, partosporis distalibus subglobosis vel obovatis, 2.5-3.5 \times 2.2-2.8 μ ; partosporis proximalibus obovato-ellipsoideis, 3-3.8 \times 2-2.5 μ . St. conid. incognitis.

Habitat: In foris emortuis vel ramis.

Str. effuse, fleshy, pale purple in fresh material, becoming fawn-colored in dried specimens, up to 1.5 \times 2.5 cm², 0.6-0.9 mm thick. Inn. t. of str. close to *t. intricata*, but almost lacking intercellular spaces; cells thin-walled, 4-10 μ in diam.; interperithecial surface filled with parallel hairy hyphae; hyphae 2-3 μ in diam. Perith. almost naked on str., with short hairy hyphae, elliptical with a projecting neck, 160-200 \times 80-120 μ ; necks of ost. 20-40 μ long. P. sp. hyaline, roughly warted; the distal subglobose to obovate, 2.5-3.5 \times 2.2-2.8 μ ; the proximal obovate ellipsoid, 3-3.8 \times 2-2.5 μ . Culture difficult even with fresh and well-matured p.sp.; st.conid. unknown.

Hab. On dead leaves or branchlets of *Fagus crenata*.

Holotype: Daimyojin-Zawa, Sugadaira, Nagano Pref., 3-VIII-1965, Y.D., (TNS.D-38 = TNS-F-223216)

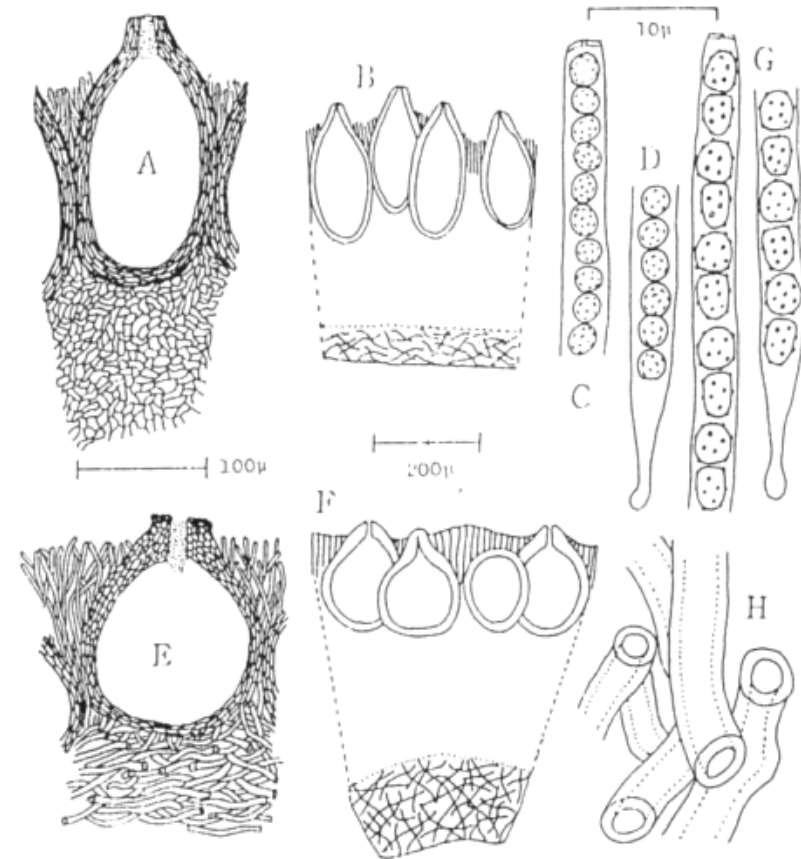


Fig. 5. *Hypocrea subpurpurea* sp. nov. (TNS. D 38). A, D. and *Hypocrea obliqua* sp. nov. (TNS. D 58). E-H; A, B, E, F. Vertical section of stroma. C, D, G. Ascus and partospores. H. Inner tissue of stroma.

Basiumym: *Hypocrea* subgen. *Homalocrea* Sacc., Syll. Fung. 2: 520-536 (1883).

Lectotype species: *Hypocrea citrina* (Pers. ex Fr.) Fr. (designated here).