

Candelabrochaete verruculosa

Hjortstam

Figures 1–6

Candelabrochaete verruculosa Hjortstam 1983 [4 : 566] ≡ *Odonticium verruculosum* (Hjortstam) Zmitr. & Spirin 2006 [8 : 40]

= *Odontia modesta* Rick 1959 [6 : 164] teste Hjortstam [4]

Basidiome effused, adherent, subceraceous, becoming somewhat crustose and minutely cracking on drying, up to 0.2 (0.3) mm thick.

Hymenophore soon irregular, tufted or granular to finely grandinioid, light yellowish brown with a faint rosy hue when dry.

Subiculum thin, indistinct or somewhat hypochnoid.

Margin fertile throughout, shortly thinning out, pruinose to porulose.

Hyphal system monomitic, all hyphae with simple septa, normally branching at right or wide angles.

Subhymenial hyphae 2.5–4 (5) µm in diam., distinct, thin-walled, hyaline.

Subicular hyphae loosely arranged, 5–10 µm wide, with thickening wall, hyaline.

Cystidia some hymenial (young), more or less clavate, 40–60×8–13 µm, not septate, with homogeneous content, hyaline; some 60–150×8–12 arising from basal hyphae and mainly found in the core of tubercles or aculei, repeatedly septate, cylindrical, tubular, normally with botryose cells and some branching, with thickening wall, enclosed or projecting 20–50 µm.

Basidia subcylindrical to narrowly clavate, (15) 20–30×4–6 µm, rarely showing linear repetition; with (2) 4 sterigmata up to 6 µm long.

Basidiospores ellipsoid, (5) 5.5–6.8 (7.5)×3.2–4.5 (5) µm, Q = 1.4–1.8, smooth, thin-walled, hyaline (larger spores possibly produced by two-spored basidia).

Chemical reactions: CB–; IKI–; KOH–.

Incrustation: yellow to brownish resinous amorphous matter or irregular crystals embedded in trama and sometimes on top of basidioles, easily



Fig. 1: Detail of the hymenophore. Image width = 9 mm [em-12697]

seen in water mounts, almost completely dissolving in KOH.

Specimens examined

FRANCE — Rhône – Saint-André-la-Côte, Le Signal, on bark of a lying, rather hard branch of *Pinus sp.*, leg. F. Dämmrich, 12.X.2015 (em-12697)

Materials and methods

Specimens sampling and methodological details are described separately at this web address: <http://www.aphyllo.net/home.php#methods>

Acknowledgment

Thanks to Frank Dämmrich for providing this beautiful and single specimen studied by me.

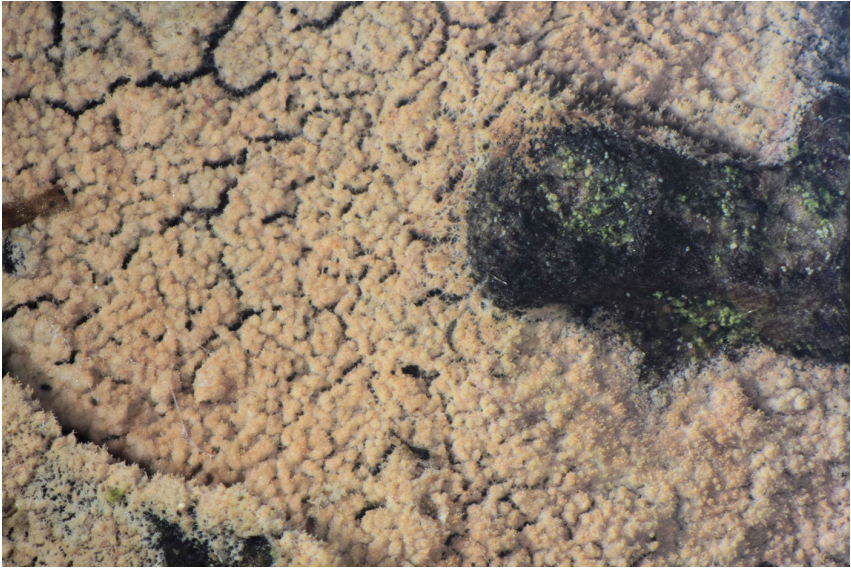


Fig. 2: Detail of the hymenophore and margin. Image width = 9 mm [em-12697]



Fig. 3: Detail of the hymenophore and margin. Image width = 9 mm [em-12697]

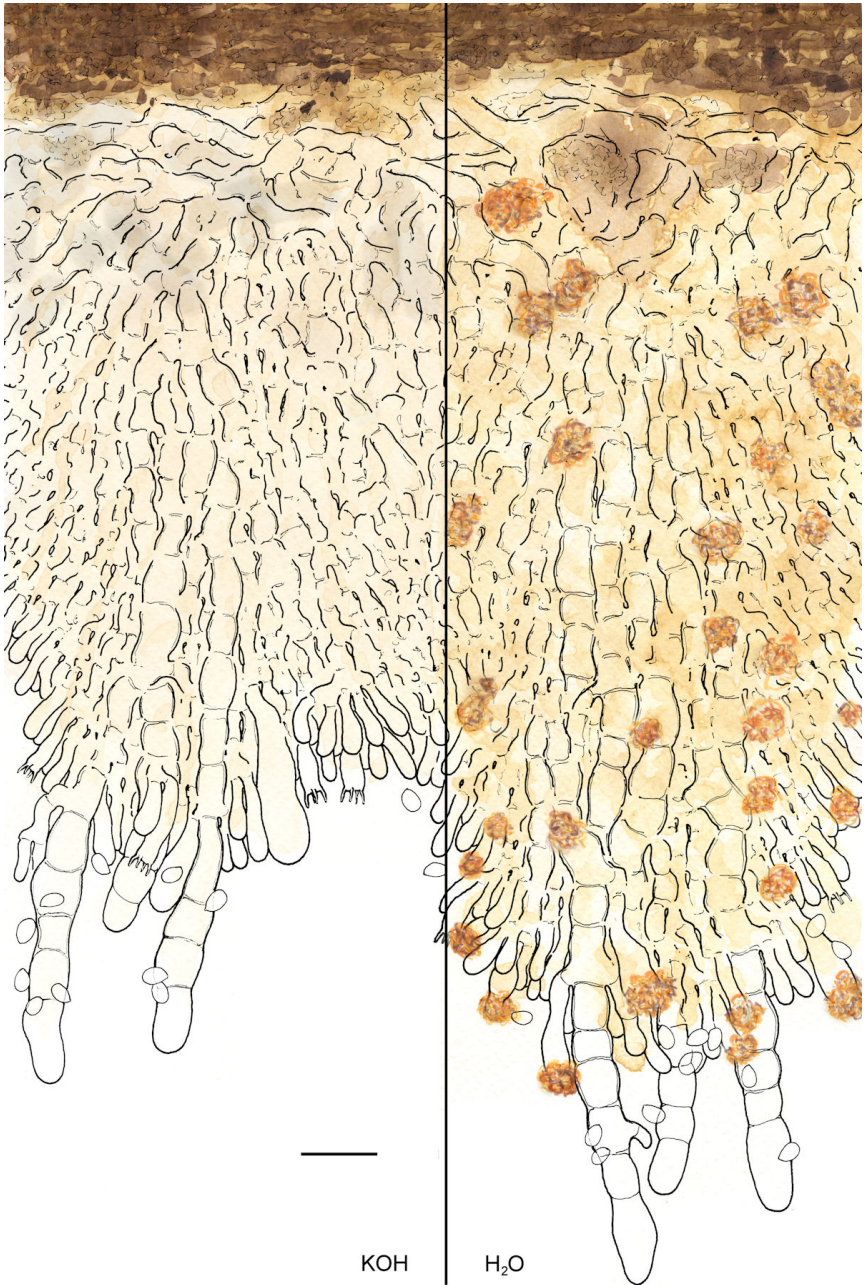


Fig. 4: Vertical section through the basidiome and substrate (left in KOH, right in water). Bar = 20 μm [em-12697]

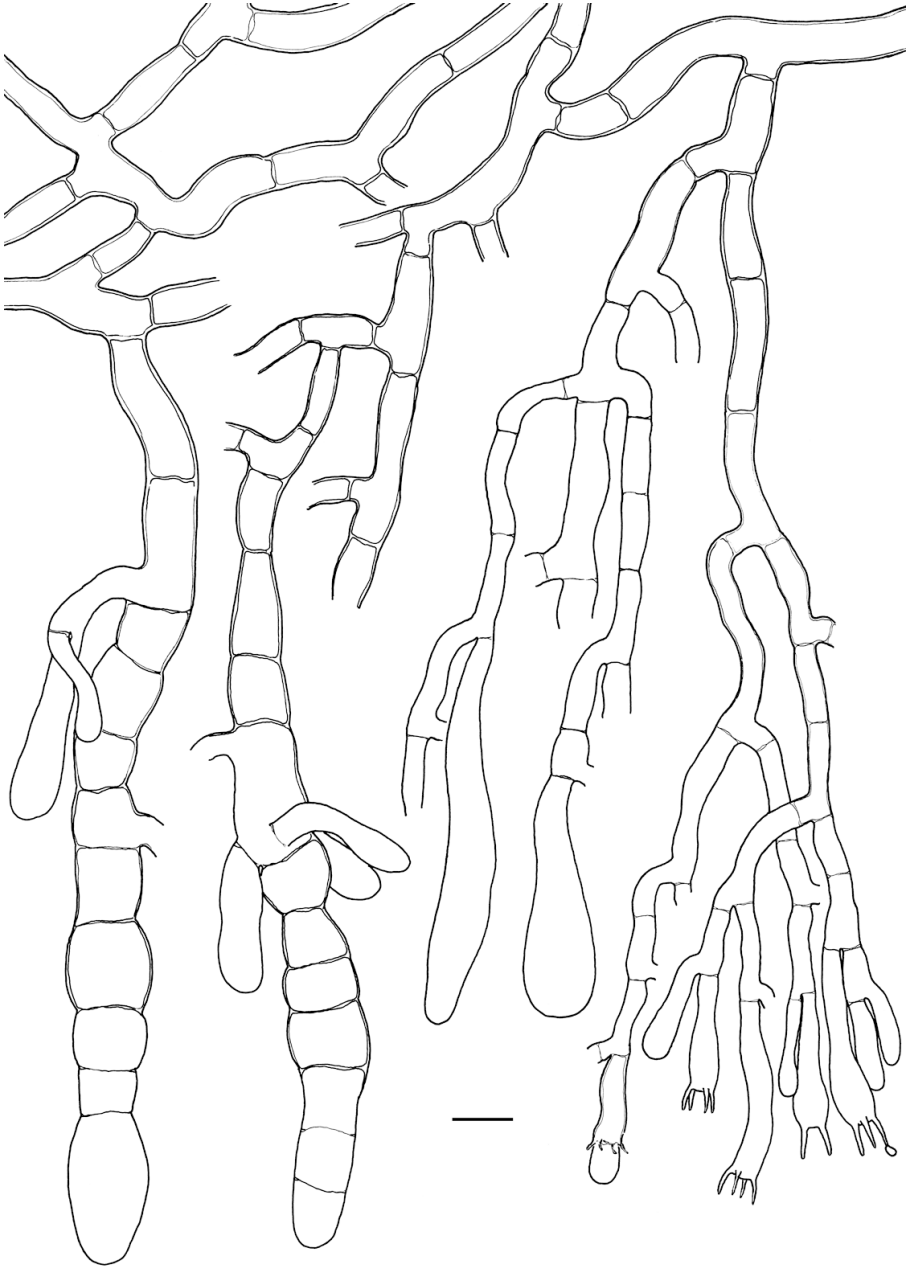


Fig. 5: Cystidia, basidia, subhymenial and subicular hyphae. Bar = 10 μ m
[em-12697]

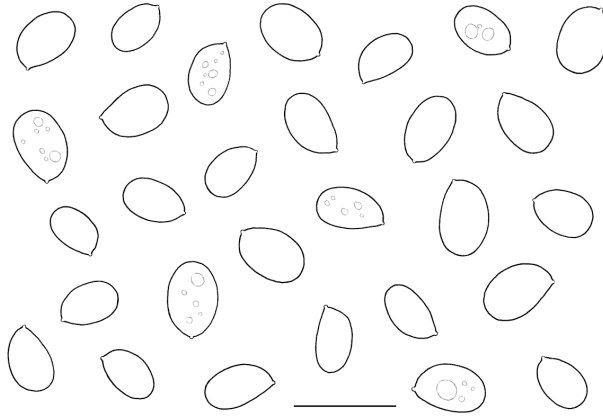


Fig. 6: Basidiospores. Bar = 10 μm [em-12697]

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