

Xylodon bugellensis

Figures 1–6

Odontia bugellensis Ces. 1855 [6 : 283] ≡ *Hyphodontia bugellensis* (Ces.) J. Erikss. 1958 [2 : 104] ≡ *Xylodon bugellensis* (Ces.) Hjortstam & Ryvarden 2007 [4 : 99]

= *Pteridomyces subsphaericosporus* Boidin, Duhem & Gilles 1989 [1 : 46] teste Hjortstam [3]

= *Odontia cremorina* Bres. 1891 [7 : 275] teste Nakasone [5]

Basidiome effused, adherent, orbicular to confluent but always in rather small patches of few centimetres, compact, rather soft when fresh, becoming crustose when dry, up to 0.5 mm thick.

Hymenophore finely odontoid, white. Aculei crowded, irregular, entire or split, shortly penicillate, up to 0.15 mm long.

Margin not differentiated, abrupt or very shortly thinning out.

Hyphal system monomitic; all hyphae with fibulate primary septa, (1.5) 2–3 (4) μm broad, with thickening wall; compact in context, rather loose and distinct in subiculum.

Cystidia absent in hymenium but some tapering to cylindrical often slightly torulose hyphal endings at the apex of aculei, up to 60×3.5–4.5 μm, shortly projecting, with thickening wall.

Basidia clavate with one or two constrictions, 15–26×3.5–4.5 μm, basally with slightly thickening wall; 4 sterigmata up to 3 (4) μm long.

Basidiospores ellipsoid, (4.8) 5–6 (6.2)×(3.2) 3.5–4 (4.5) μm, Q = (1.2) 1.4–1.6 (1.7), smooth, with thickening or thick wall, hyaline.

Chemical reactions: IKI–; CB: spores cyanophilous, hyphae and basidia more or less cyanophilous.

Incrustation: a lot of granular to irregularly prismatic hyaline crystals in the context.



Fig. 1: Basidiomes. Image width = 30 cm [em-11529]

Voucher specimens

FRANCE — **Pyrénées-Orientales** – Sorède, La Farguse, on wood of a lying, decayed branch of *Erica sp.*, leg. E. Martini, 2.XI.2008 (em-10618) — **Var** – Mons, confluence entre Siagne et Siagnole de Mons, on a deciduous tree, leg. E. & F. Martini, 29.X.1997 (em-6436)

SWITZERLAND — **Ticino** – Bignasco, Besso, on bark of a standing, rather hard trunk of *Castanea sativa*, leg. E. Martini, 20.VII.2011 (em-11529) – Bignasco, Valà, on wood of a lying, rather hard trunk of *Castanea sativa*, leg. E. Martini, 9.V.2010 (em-11053) – Mondada, Gramusèd (Valle Bavona), on wood of a lying, rather hard branch of a deciduous tree, leg. E. Martini, 13.X.2001 (em-7741) – Ritorto, Prèda (Valle Bavona), on bark of a standing, rather hard trunk of *Castanea sativa*, leg. E. Martini, 6.VIII.2011 (em-11590)



Fig. 2: Basidiome [em-10618]



Fig. 3: Basidiome. Image width = 9 mm [em-11529]



Fig. 4: Detail of the odontoid hymenophore. Image width = 3.2 mm [em-11529]

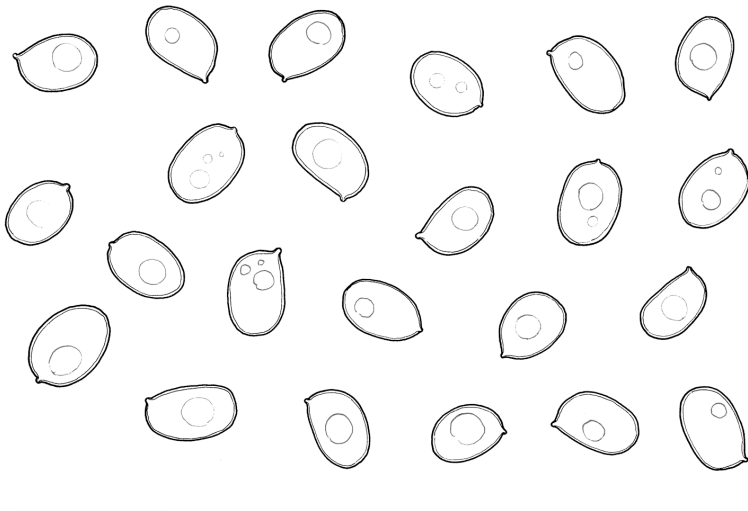


Fig. 5: Basidiospores. Bar = 10 μ m [em-11529]



Fig. 6: Section through an aculeus. Bar = 10 mm [em-11529]

References

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