

Byssocorticium atrovirens

Figures 1–3

Thelephora atrovirens Fr. 1828 [5 : 202] ≡ *Corticium atrovirens* (Fr.) Fr. 1838 [6 : 562] ≡ *Lyomyces atrovirens* (Fr.) P. Karst. 1882 [7 : 154] ≡ *Coniophora atrovirens* (Fr.) Cooke 1891 [2 : 13] ≡ *Terana atrovirens* (Fr.) Kuntze 1891 [8 : 872] ≡ *Hypochnus atrovirens* (Fr.) Donk 1932 [3 : 82] ≡ *Byssocorticium atrovirens* (Fr.) Bondartsev & Singer 1944 [9 : 69]

Basidiome effused, loosely adherent or separable, hypochnoid, up to 0.3 (0.5) mm thick.

Hymenophore at first finely tomentose, discontinuous, then more continuous, porulose, and in the end thin and somewhat pellicular, smooth, blue, bluish-grey, grey-green, when dry becoming fragile, light olive, ochre-olivaceous to brown-olivaceous.

Subiculum byssoid, soft, tomentose, sometimes rather thick, bluish to bluish grey or greyish-green, often darker than the hymenium.

Margin araneose to fibrillose, thinning out, concolorous with the subiculum.

Hyphal system monomitic; subhymenial hyphae mostly with fibulate septa, regular, 2.5–3 (3.5) μm in diam., thin-walled, subhyaline to light bluish; subicular hyphae without or with some sparse clamps at the septa, regular, 2–2.5 (3) μm , branching at right angles, often anastomosed, with thin to thickening walls, pale to dull bluish or bluish-green.

Cystidia absent.

Basidia more or less clavate, (15) 20–28 (30) \times 3.5–5 μm , with a fibulate basal septum; 4 sterigmata up to 3 μm long.

Basidiospores globose to broadly drop-shaped, slightly tapering toward the apiculus, 3.5–4.5 (5) \times 3–4.2 (4.5) μm , Q = 1–1.1 (1.2), smooth, with thickening or thick wall (up to 0.4 μm), subhyaline to pale bluish or pale bluish-green; normally 1-guttulate.

Chemical reactions: IKI–; CB: hyphae and spores cyanophilous (sometimes doubtly); KOH: all elements losing the bluish tint for a grey-

greenish colour.

Incrustation: most hyphae lightly and coarsely encrusted by bluish or greenish material.

Voucher specimens

FRANCE – Massif du Tanneron, on rather hard bark of a coniferous tree, leg. M. Gaignon, 30.X.1997 (em-6461) — **Auvergne** – Murol, Courbanges, on lying, strongly decayed wood, leg. E. Martini, 30.VIII.1996 (em-4319) — **Haut-Rhin** – Wildenstein, on wood of a lying, strongly decayed trunk of a gymnosperm, leg. E. Martini, 21.IX.2002 (em-8179) — **Loire** – Saint-Juste-en-Bas, on bark of a lying, decayed branch of *Fagus sylvatica*, leg. E. & F. Martini, 29.X.2000 (em-7187) — **Lorraine** – Mouterhouse, Forêt domaniale, parcelle M43, on wood of a lying, strongly decayed trunk of a deciduous tree, leg. E. Martini, 25.X.2009 (em-10918) – Philippsbourgh, Forêt domaniale de Hanau 3, parcelle H254, on wood of a lying, decayed branch of *Fagus sylvatica*, leg. E. Martini, 27.X.2009 (em-10937)

SWITZERLAND — **Ticino** – Ascona, Brumo, on bark of a lying, decayed branch of *Betula pendula*, leg. E. Zenone, 2.III.1988 (em-1593) – Ascona, Gratena, on wood of a lying, strongly decayed branch of *Quercus sp.*, leg. E. Martini, 9.XI.2015 (em-12829) – Ascona, Madonna della Fontana, on wood of a lying, strongly decayed branch of *Quercus sp.*, leg. E. Zenone, 12.I.1988 (em-1606) – Ascona, Monte Verità, on wood of a lying, decayed branch of *Quercus sp.*, leg. E. Zenone, 12.I.1988 (em-1584) – *ibid.*, on wood of a lying, decayed branch of *Pinus sylvestris*, leg. E. Zenone, 3.II.1988 (em-1598) – Aurigeno, on bark of a lying, decayed branch of *Quercus sp.*, leg. E. Zenone, 9.II.1988 (em-1583) – Bignasco, on wood of a lying, decayed branch of a deciduous tree, leg. E. Martini, 9.XI.1986 (em-737) – Broglio, Rima, on bark of a lying, decayed trunk of *Fagus sylvatica*, leg. E. Martini, 23.V.1987 (em-1003) – Casima, Cugnoli, on wood of a lying, strongly decayed trunk of *Castanea sativa*, leg. F. Delmenico, 24.III.2007 (em-11682) – Golino, on wood and bark of a lying, decayed branch of *Quercus sp.*, leg. E. Zenone, 18.XII.1987 (em-1601) – Losone, Maia, on wood of a lying, hard trunk of *Populus tremula*, leg. E. Zenone, 28.XII.1987 (em-1580) – *ibid.*, on bark of a lying, decayed branch of *Frangula alnus*, leg. E. Zenone, 5.I.1988 (em-1582) – *ibid.*, on wood and bark of a lying, decayed branch of *Prunus avium*, leg. E. Zenone, 19.II.1988 (em-1607) – Losone, San Lorenzo, on wood of a lying, strongly decayed branch of a deciduous tree, leg. E. Zenone, 16.II.1988 (em-1581) – Meride, Bolle, on wood of a lying, decayed trunk of *Castanea sativa*, leg. E. Martini, 26.XI.2006 (em-9568) – Meride, Crocifisso, on wood of a lying, decayed branch of a deciduous tree, leg. E. Martini, 27.X.2007 (em-10225) – Meride, Veschee, on wood of a lying, strongly decayed branch of a deciduous tree, leg. E. Martini, 22.IX.2007 (em-10108) – Mondada, Gramusèd (Valle Bavona), on wood of a lying, decayed trunk of *Castanea sativa*, leg. E. Martini, 13.X.2001 (em-7725) – Monte, Campora, Chignö, on litter of a broadleaved tree, leg. F. Delmenico, 24.X.2010 (em-12137) – Monte, Craol, on bark of a lying, decayed trunk of *Betula alba*, leg. F. Delmenico, 26.X.2007 (em-10399) – Monte, Roncaia (Valle di Muggio), on lying, strongly decayed wood of *Sorbus aria*, leg. F. Delmenico, 24.IX.2005 (em-9653) – Ritorto, Dréom (Valle Bavona), on bark of a lying, decayed trunk of *Tilia cordata*, leg. E. Martini, 18.III.2001 (em-7334) – Ronco s/Ascona, Pian Caregnano, on bark of a lying, strongly decayed branch of *Quercus sp.*, leg. E. Zenone, 2.III.1988 (em-1608) – Sabbione, Dréom (Valle Bavona), on wood of a lying, strongly decayed trunk of *Alnus incana*, leg. E. Martini, 13.IX.1987 (em-1182) – Sagno, Cavalorgna, on lying, decayed wood of *Castanea sativa*, leg. F. Delmenico, 21.III.2007 (em-9778)



Fig. 1: Basidiome. Image width = 23 mm [em-10225]



Fig. 2: Basidiome. Image width = 23 mm [em-10225]

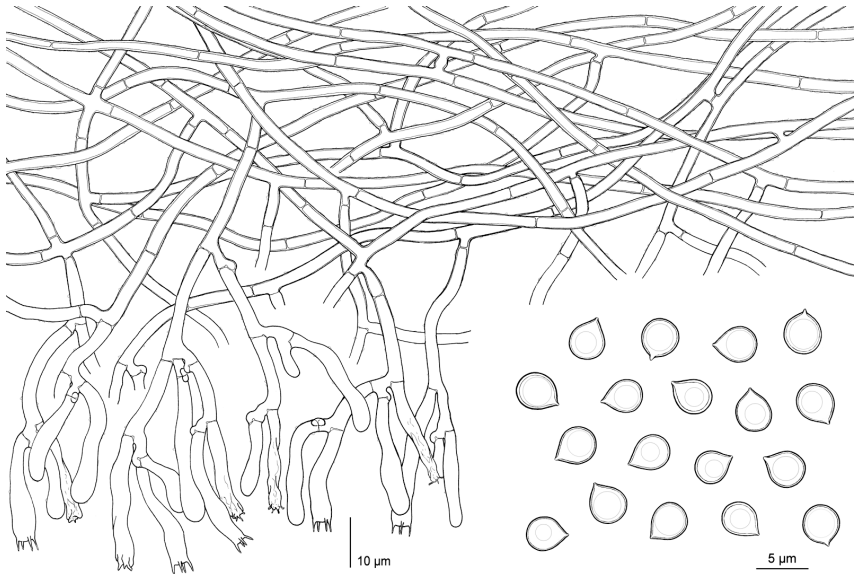


Fig. 3: Basidia, subhymenial and subicular hyphae, basidiospores [em-10225]

References

- [1] BERNICCHIA, A. AND GORJÓN, S.P. (2010). '*Corticiaceae* s. l.' *Fungi Europaei*, 12: 1008 p.
- [2] COOKE, M.C. (1891). 'Notes on Thelephoreae'. *Grevillea*, 20: 11–13. URL: <http://www.cybertruffle.org.uk/cyberliber/59649/>
- [3] DONK, M.A. (1930). 'Nederlandse Basidiomyceten I'. *Nederlands Kruidkundig Archief*, 65–84
- [4] ERIKSSON, J. AND RYVARDEN, L. (1973). *The Corticiaceae of North Europe, vol. 2: Aleurodiscus - Confertobasidium*. Oslo, pp. 60–261
- [5] FRIES, E.M. (1828). *Elenchus fungorum : sistens commentarium in Systema mycologicum*. Gryphiswaldiae. 2 vol. (238, 154 p.) URL: <http://books.google.ch/books?id=t4eVR1SN1CAC>
- [6] FRIES, E.M. (1836). *Epicrisis systematis mycologici*. Uppsala. 2 vol. (610 p.) URL: <http://books.google.ch/books?id=kuIUAAAAYAAJ>
- [7] KARSTEN, P.A. (1882). 'Rysslands, Finlands och den Skandinaviska Halfons Hattsvampar II'. *Bidrag till Kännedom av Finlands Natur och Folk*, 37: 1–257. URL: <http://www.biodiversitylibrary.org/item/107828#page/6/>
- [8] KUNTZE, C.E.O. (1891). *Revisio generum plantarum secundum leges nomenclaturae internationales..., pars II*. Leipzig. 1011 p. URL: <http://www.biodiversitylibrary.org/item/7554>
- [9] SINGER, R. (1944). 'Notes on taxonomy and nomenclature of the polypores'. *Mycologia*, 36 (1): 65–69. DOI: <http://dx.doi.org/10.2307/3754880>. URL: <http://www.cybertruffle.org.uk/cyberliber/59350/0036/001/0065.htm>



Excerpts from *Crusts & Tells*

Descriptions and reports of resupinate Aphyllophorales and Heterobasidiomycetes

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