

№ 67

Hastodontia hastata

Figures 1–4

Peniophora hastata Litsch. 1928 [7 : 130] ≡ *Hyphodontia hastata* (Litsch.) J. Erikss. 1958 [1 : 104] ≡ *Kneiffiella hastata* (Litsch.) Jülich & Stalpers 1980 [5 : 133] ≡ *Grandinia hastata* (Litsch.) Jülich 1982 [4 : 36] ≡ *Hastodontia hastata* (Litsch.) Hjortstam & Ryvarde 2009 [3 : 49]

Basidiome effused, adherent, submembranaceous, up to 0.2 (0.3) mm thick.

Hymenophore reticulated or porulose to smooth and continuous, when old and fresh becoming shallowly tuberculate, white, cream, pale yellow, when dried sometimes with ochraceous spots or small patches.

Subiculum almost indistinct, looser, white.

Margin abrupt or shortly thinning out, pruinose to porulose.

Hyphal system monomitric; all hyphae with fibulate primary septa.

Hyphae distinct, regular, 2–3 (3.5) μm in diam., rarely with torulose or moniliform segments and then up to 5 μm wide, soon with thickening or thick wall, hyaline.

Cystidia of two kinds with intermediate forms, starting from subhyemial or basal hyphae: 1) subulate, 30–50 (60) \times (3) 4–6 μm , with thickening wall excepting the apex, projecting up to 30 μm ; 2) subcylindrical or torulose to moniliform, 40–50 (70) \times 3.5–6.5 (8) μm , thin-walled or with thickening wall toward the base, with homogeneous content, enclosed.

Basidia clavate to subcylindrical, sinuose, with 1–3 constrictions, (15) 20–25 \times 4–5 μm ; 4 sterigmata up to 3 μm long.

Basidiospores ellipsoid to subcylindrical (5) 5.2–7 (7.3) \times 2.4–3.1 μm , Q = 2–2.8, smooth, thin-walled, mostly biguttulate; apiculus very small.

Chemical reactions: IKI–; CB: all elements more or less distinctly cyanophilous.

Incrustation: projecting cystidia with a drop of yellowish resinous material at top, observable in unsquashed water mounts, dissolving in KOH

and other media.

Voucher specimens

SWITZERLAND — **Ticino** – Bignasco, Piano, on bark of a hanging, decayed branch of *Abies alba*, leg. E. Martini, 1.X.1994 (em-3811) – Bignasco, Piano di Sopra, on wood of a lying, decayed trunk of *Abies alba*, leg. E. Martini, 14.VIII.2014 (em-12232) – Blenio, Valle Santa Maria, Alpe Pertusio, on bark of a hanging, rather hard branch of *Pinus mugo*, leg. E. Martini, 27.VII.2010 (em-11177) – Broglio, Rima, on wood of a lying, hard trunk of *Picea abies*, leg. E. Martini, 29.VIII.1987 (em-1120) – Campo V.Maggia, Alpe di Sfii, on bark of a lying, rather hard branch of *Picea abies*, leg. E. Martini, 14.IX.2014 (em-12367) – Campo V.Maggia, Mòì, on bark of a lying, decayed branch of *Larix decidua*, leg. E. Martini, 7.IX.1986 (em-872) – Campo V.Maggia, Mott di Tirman, on wood and bark of a hanging, hard branch of *Larix decidua*, leg. E. Martini, 25.IX.1988 (em-2160) – Chironico, Motta di Gribbio, on wood of a lying, decayed branch of a coniferous tree, leg. E. Martini, 12.IX.1988 (em-2020) – Mondada, Gramusèd (Valle Bavona), on wood of a decayed stump of *Castanea sativa*, leg. E. Martini, 14.XI.1987 (em-1292) – Nante, Giof, on strongly decayed wood and bark of a coniferous tree, leg. E. Martini, 3.VI.1988 (em-1728) – Nante, Segna, on wood of a lying branch of a coniferous tree, leg. E. Martini, 2.VI.1988 (em-1713) – Oско, Scioritt, on wood of a lying, decayed branch of *Pinus sylvestris*, leg. E. Martini, 4.VI.1993 (em-3496) – Sabbione, Dréom (Valle Bavona), on wood of a lying, hard trunk of *Abies alba*, leg. E. Zenone, 9.XI.1991 (em-3058) – Val Piora, Canariscio di Ritom, on wood and bark of a lying, strongly decayed branch of *Pinus cembra*, leg. E. Martini, 20.VIII.2010 (em-11218) – Val Piora, Larici di Campo, on wood of a lying, decayed branch of *Larix decidua*, leg. E. Martini, 26.VIII.1988 (em-2211) – Val Piora, Passo Forca, on bark of a hanging, rather hard twig of *Rhododendron ferrugineum*, leg. E. Martini, 11.IX.2010 (em-11319) – *ibid.*, on bark of a lying, decayed twig of *Vaccinium myrtillus*, leg. E. Martini, 11.IX.2010 (em-11320)

References

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Fig. 1: Basidiome. Image width = 24 mm [em-11218]



Fig. 2: Detail of a dried basidiome toward the margin. Image width = 9 mm [em-11177]



Fig. 3: Vertical section through the basidiome. Bar = 10 μm [em-2211]

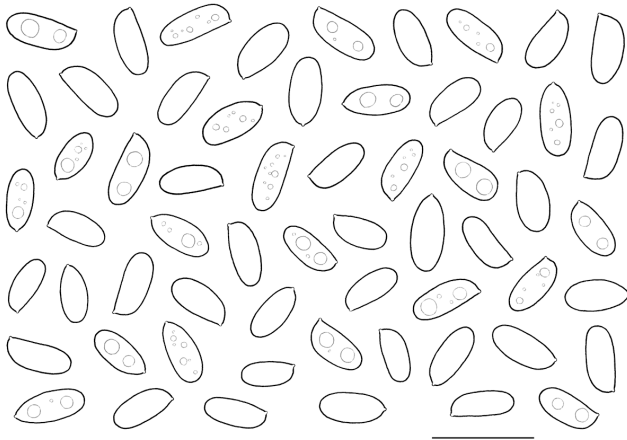


Fig. 4: Basidiospores from spore print. Bar = 10 μm [em-3811]



Excerpts from *Crusts & Jells*

Descriptions and reports of resupinate Aphyllophorales and Heterobasidiomycetes

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