

№ 100

Phlebia aurea
(Fr.) Nakasone

Figures 1–6

Hydnum aureum Fr. 1828 [8 : 1 : 137] ≡ *Acia aurea* (Fr.) P. Karst. 1879 [9 : 42] ≡ *Odontia aurea* (Fr.) Quél. 1885 [17 : 450] ≡ *Mycoacia aurea* (Fr.) J. Erikss. & Ryvar den 1976 [7 : 877] ≡ *Phlebia aurea* (Fr.) Nakasone 1997 [12 : 55]

= *Hydnum membranaceum* var. *stenodon* Pers. 1825 [15 : 2 : 188] teste Nakasone [12], Eriksson and Ryvar den [7] ≡ *Odontia stenodon* (Pers.) Bres. 1897 [3 : 96] ≡ *Acia stenodon* (Pers.) Bourdot & Galzin 1914 [2 : 256] ≡ *Mycoacia stenodon* (Pers.) Donk 1931 [6 : 151] ≡ *Oxydontia stenodon* (Pers.) L.W. Mill. 1933 [11 : 367] ≡ *Sarcodontia stenodon* (Pers.) Nikol. 1961 [13 : 178]

= *Hydnum membranaceum* var. *dryinum* Chaillet ex Fr. 1828 [8 : 1 : 135] teste Nakasone [12], Bresadola [3] pro syn.

= *Hericium fimbriatum* Banker 1906 [1 : 122] teste Nakasone [12]

= *Mycoleptodon mycophilus* Pilát 1936 [16 : 398] teste Nakasone [12], Maas Geesteranus [10] pro syn.

= *Mycoleptodon microcystidius* M.P. Christ. 1953 [4 : 329] teste Nakasone [12] ≡ *Steccherinum microcystidium* (M.P. Christ.) M.P. Christ. 1960 [5 : 324] ≡ *Mycoacia stenodon* var. *microcystidia* (M.P. Christ.) Parmasto 1967 [14 : 388]

Basidiome effused, adherent, waxy ceraceous to ceraceous when fresh, becoming corneous when dry.

Hymenophore odontoid to hydroid.

Aculei up to 2 mm long, crowded, cylindrical to conical, subulate, terete, smooth, whitish when young then yellowish to orange-brown, sometimes brownish when dry; apex finely penicillate and discolour.

Subiculum thin, whitish, whitish-grey, yellowish, paler than the fertile surface.

Margin shortly thinning out, fibrillose, discolour.

Hyphal system monomitic; all hyphae with fibulate primary septa.

Hyphae 2–3 (4) μm , parallelly arranged in the core of aculei, agglutinated, with thin or thickening walls, hyaline.

Cystidia absent.

Basidia narrowly clavate, 12–20 (28) \times 3–4 μm ; 4 sterigmata up to 3 μm long.

Basidiospores suballantoid to allantoid, narrowly ellipsoid in frontal view, 3.5–4.5 (5) \times 1.5–2 μm , $Q = 2.4\text{--}2.9$, smooth, thin-walled, hyaline, bi-guttulate.

Chemical reactions: KOH–; IKI–; CB–.

Incrustation: sparse granular to prismatic crystals in hymenium and subhymenium, hyaline to ochraceous; often arranged in large aggregates at the base of aculei and in subiculum.

Voucher specimens

FRANCE — **Var** – Saint-Paul-en-Forêt, on bark of a lying, rather hard twig of a deciduous tree, leg. E. & F. Martini, 30.X.1997 (em-6466)

LIECHTENSTEIN – Balzers, Ellholz, on bark of a lying, decayed branch of a coniferous tree, leg. E. Martini, 4.X.1995 (em-5734)

SWITZERLAND — Ticino – Bolle di Magadino, on wood of a lying, strongly decayed trunk of a deciduous tree, leg. E. Zenone, 1.XII.1986 (em-767) – Cerentino, Costina, on wood and bark of a lying, decayed branch of *Alnus incana*, leg. E. Martini, 25.IX.1988 (em-2047) – Faedo, Serta (Valle Bavona), on wood and bark of a lying, decayed branch of a deciduous tree, leg. E. Martini, 13.X.1983 (em-281) – Fescoggia, Caroggio, on wood of a lying, decayed branch of a deciduous tree, leg. E. Martini, 13.IX.1988 (em-1941) – Mondada, Gramusèd (Valle Bavona), on wood and bark of a lying, rather hard branch of *Tilia cordata*, leg. E. Martini, 28.VII.2001 (em-7523) – *ibid.*, on wood of a lying, rather hard branch of a deciduous tree, leg. E. Martini, 28.VII.2001 (em-7525) – Monte, Campora, on wood of a lying, decayed trunk of a broadleaved tree, leg. F. Delmenico, 17.X.1997 (em-12570) – Ritorto, Dréom (Valle Bavona), on wood and bark of a lying, decayed branch of *Tilia cordata*, leg. E. Martini, 1.XII.1991 (em-4834) – Ritorto, Rivera (Valle Bavona), on wood of a lying, decayed twig of a deciduous tree, leg. E. Martini, 1.V.2016 (em-12906) – Riva San Vitale, Zoca, on bark of a rather hard twig of *Corylus avellana*, leg. E. Martini, 14.X.1995 (em-4101) – Sabbione, Dréom (Valle Bavona), on wood and bark of a lying, decayed branch of *Corylus avellana*, leg. E. Martini, 13.IX.1987 (em-1391) – Sabbione, Splüieti (Valle Bavona), on wood of a lying, rather hard branch of *Fraxinus excelsior*, leg. E. Martini, 19.VIII.2014 (em-12245) – San Carlo, Prèsa (Valle Bavona), on bark of a lying, rather hard branch of *Corylus avellana*, leg. E. Martini, 14.X.2014 (em-12399) – Someo, on bark of a lying, hard trunk of *Prunus avium*, leg. E. Martini, 24.IX.1984 (em-298) – Sonlerto, Campagna (Valle Bavona), on wood and bark of a standing, hard branch of *Corylus avellana*, leg. E. Martini, 14.XI.1987 (em-1329) – Sonlerto, Valle Bavona, on wood of a lying branch of a deciduous tree, leg. E. Martini, 17.VIII.1987 (em-1386)

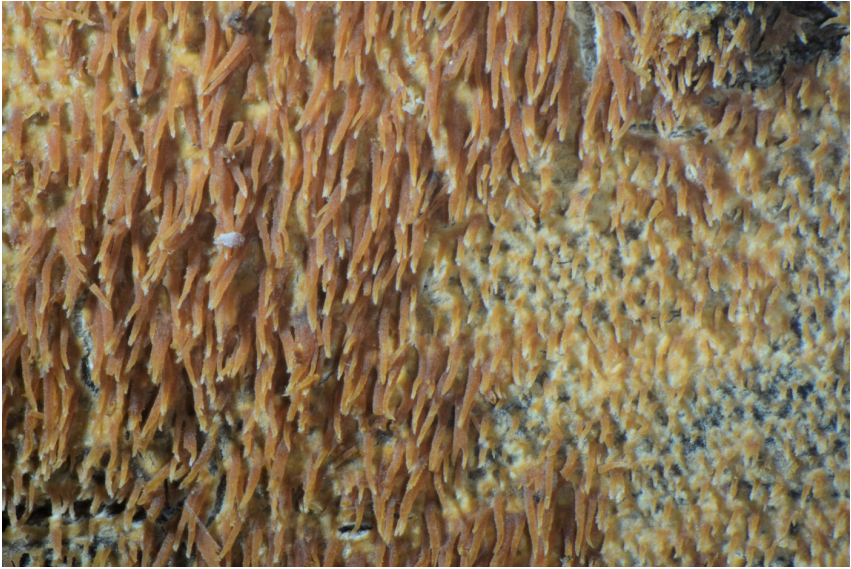


Fig. 1: Dried basidiome: detail of the hymenophore. Image width = 9 mm [em-1941]



Fig. 2: Detail of the basidiome at the margin. Image width = 9 mm [em-12399]



Fig. 3: Basidiome and margin. Image width = 9 mm [em-12245]



Fig. 4: Fibrillose margin. Image width = 9 mm [em-12245]



Fig. 5: Section through the basidiome: A) very young specimen [em-12906]. - B) mature specimen [em-1941]. - Bar = 0.2 mm

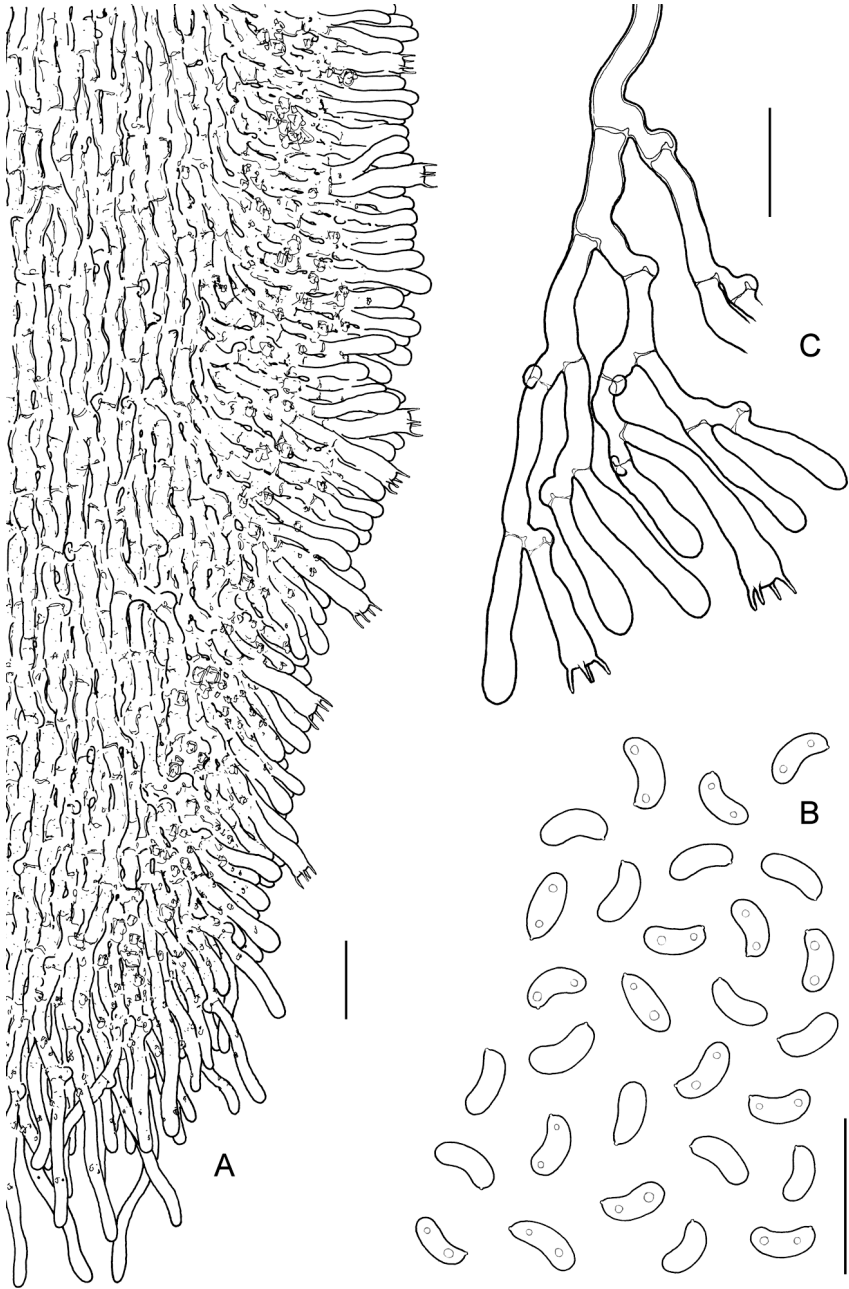


Fig. 6: A) Vertical section through the top of an aculeus [em-1941]. - B) Basidiospores [em-12906]. - C) Hymenial elements and subhymenial hyphae [em-12906]. Bar = 10 μ m

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Excerpts from *Crusts & Fells*

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