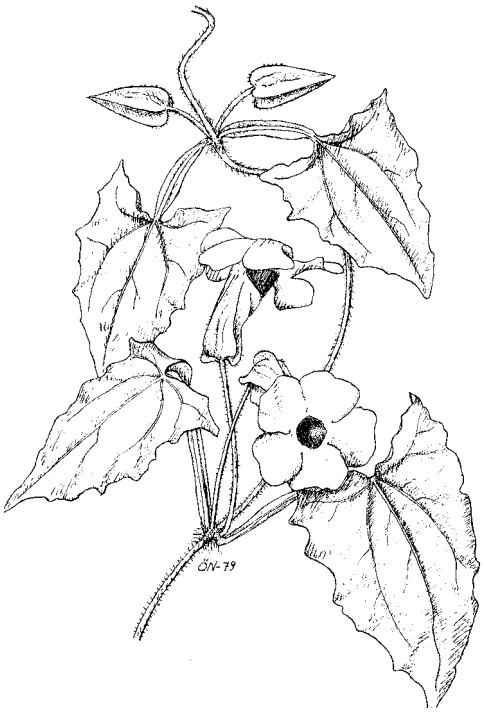
THUNBERGIA

33



Fungi Exsiccati Suecici Praesertim Upsalienses

Mandatu Collegii ex Friesio nominati
edendos curaverunt

L. Holm et S. Ryman

Fasc. 74 (Nos 3651–3700)

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THUNBERGIA 33

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Fungi Exsiccati Suecici, Praesertim Upsalienses Fasc. 74

Lennart Holm & Svengunnar Ryman

Holm, L. & Ryman, S. 2003. Fungi Exsiccati Suecici, Praesertim Upsalienses. Fasc. 74 (Nos 3651–3700). – Thunbergia 33: 1–22. ISSN-0283-2275.

The fascicle comprises 17 nos of Ascomycetes, 8 nos of Ustilaginales, and 25 nos of Hymenomycetes. A new species *Coronophora paucispora* K. & L.Holm is described. Isotype material of *Coronophora paucispora* and *Pseudopeltis filicum* are issued. Some nomenclatural points are touched upon: *Farinaria* Sow.is found to be an invalid name, the status of *Xylopezia* Höhn. maybe questioned, *Sphaeria vepris* Delacr. ex Rabenh. can be interpreted as a substitute name for *Sphaeria rubi* Currey, with the same type.

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FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
Ed. cur. L. Holm et S. Ryman

3651. Pseudopeltis filicum L. & K. Holm **Isotype**

Bot. Notiser 131: 102 (1978).

In dead fronds of *Dryopteris filix-mas*.

UPPLAND: Dalby parish, in mixed forest c. 200 m NW of Jerusalem.

10.VI.1976 leg. K. & L. Holm (854b)

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3652. Zygospermella insignis (Mouton) Cain

Mycologia 27: 227 (1935). – Syn.: *Delitschia insignis* Mouton, Bull. Soc. Roy. Bot. Belge 36(2): 13 (1897). – *Zygospermum setosum* Cain, Univ. Toronto Stud., Biol. Ser. 38: 74 (1934).

On very old cow dung in moist chamber.

UPPLAND: Läby parish, Solsäter, spruce forest.

24.VIII.1963 leg. & det. Nils Lundqvist (4074-d)

For a full discussion of the species see Lundqvist, Bot. Notiser 122: 368–373 (1969). It was previously distributed as no. 3612.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
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3653. Ditopella ditopa (Fr.:Fr.) J.Schröt.

Krypt.-Fl. Schlesien 3(2): 388 (1897). – Syn.: *Sphaeria ditopa* Fr., K. Vet. Acad. Handl. 1818 p. 106 : Fr., Syst. Mycol. 2: 481 (1823). – *Gnomonia ditopa* (Fr.) M.Monod, Sydowia, Beiheft 9: 88 (1983).

In fallen twigs of *Alnus glutinosa.*

UPPLAND: Dalby parish, Hammarskog, c. 500 m SE of the manor, on the shore of Lake Mälaren.

14.IV.2001 leg. & det. K. & L. Holm (6294b)

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
Ed. cur. L. Holm et S. Ryman

3654. Phragmoporthe conformis (Berk. & Broome) Petrak

Ann. Mycol. 39: 285 (1941). – Syn.: *Sphaeria conformis* Berk. & Broome, Ann. Mag. Nat. Hist. ser. 2. 9: 335 (1852).

In fallen twigs of *Alnus glutinosa.*

UPPLAND: Dalby parish, Hammarskog, c. 500 m SE of the manor, on the shore of Lake Mälaren.

14.IV.2001 leg. & det. K. & L. Holm (6294a)

Intermixed with *Ditopella ditopa*, as is generally the case.

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3655. Melanconis chrysostroma (Fr.) Tul. & C.Tul.

Sel. Fung. Carp. 2: 125 (1863). – Syn.: *Valsa chrysostroma* Fr., Summa Veg. Scand. p. 412 (1849). – *Sphaeria xanthostroma* Mont., Ann. Sci. Nat. Bot. ser. 2. 1: 301 (1834) non *Sphaeria xanthostroma* Schwein., Trans. Am. Phil. Soc. ser. 2. 4: 193 (1832).

In fallen branches of *Carpinus betulus*.

SKÅNE: Vallby parish, the nature reserve Gislövs Stjärna.

12.V.2001 leg. & det. K. & L. Holm (6310a)

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
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3656. Cryptodiaporthe vepris (Delacr. ex Rabenh.) Petr.

Ann. Mycol. 32: 445 (1934). – Syn.: *Sphaeria vepris* Delacr. ex Rabenh., F. Eur. no. 443 in sched. (1862) ≡ *Sphaeria rubi* Curr., Trans. Linn. Soc. 22: 325 (1859) non *Sphaeria rubi* Mart., Fl. Crypt. Erlang. p. 487 (1817). – *Apioporthe vepris* (Delacr. ex Rabenh.) Wehm., The Genus Diaporthe p. 221 (1933).

In last year's stems of *Rubus idaeus*.

UPPLAND: Dalby parish, wood's edge c. 250 m S of Jerusalem.

18.III.2001 leg. & det. K. & L. Holm (6288a)

An overlooked problem of typification remains to be solved. As published by Rabenhorst *Sphaeria vepris* Delacr. was a nomen nudum, but a reference was given to *Sphaeria rubi* Curr. non Mart.; thus *Sphaeria vepris* can be regarded as a new name replacing the illegitimate *Sphaeria rubi* Curr., and consequently typified by Currey's material, if extant. – L.H.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
Ed. cur. L. Holm et S. Ryman

3657. Rosellinia thelena (Fr.) Auersw. ex Rabenh.

F. Eur. no. 757 in sched. (1865). – Syn.: *Sphaeria thelena* Fr. in Kunze & J.C.Schmidt, Mykol. Hefte 2: 36 (1823) : Fr., Syst. Mycol. 2: 441 (1823).

On bark of a log of *Picea abies*.

SKÅNE: Villie parish, Rydsgård, c. 600 m NE of the castle, in deciduous wood.

28.X.2000 leg. & det. Sven-Åke Hanson

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
Ed. cur. L. Holm et S. Ryman

3658. Discostroma fuscella (Berk.& Broome) Huhndorf

Bull. Ill. Nat. Hist. Survey 34: 520 (1992). – Syn.: *Sphaeria fuscella* Berk. & Broome, Ann. Mag. Nat. Hist. ser. 2. 9: 325 (1852). – *Sphaeria corticola* Fuckel, Symb. Mycol. p. 114 (1870). – *Discostroma corticola* (Fuckel) Brockmann, Sydowia 28: 313 (1976) ("1975").

In cut twigs of *Prunus spinosa*.

UPPLAND: Dalby parish, c. 500 m SW of Jerusalem, wood's edge.

6.II – 13.III.2002 leg. & det. K. & L. Holm (6335a)

This polyphagous species is best known on twigs and branches of *Rosa spp*., where it is common and conspicuous thanks to the shining clypeus. As pointed out by Petrak (Ann. Mycol. 19: 33. 1921), no clypeus is formed on certain other hosts, like *Prunus spp*., a condition considered by Petrak to be due to differences in periderm structure. *A priori*, it cannot be excluded, though, that the species comprises host-specific forms, differing i.a. in the formation of clypear tissue. The present material corresponds to *Sphaeria corticola* that was described on material from *Prunus domestica* and *P. spinosa*. – L.H.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
Ed. cur. L. Holm et S. Ryman

3659. Coronophora annexa (Nitschke) Fuckel

Symb. Mycol. p. 229 (1870). – Syn.: *Calosphaeria annexa* Nitschke, Pyr. Germ. p. 102 (1867).

In the bark of dead and dying twigs of *Populus tremula*, lying on the ground.

UPPLAND: Dalby parish, c. 300 m S of Jerusalem, field edge.

11.XII.2000 leg. & det. K. & L. Holm (6278a)

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
Ed. cur. L. Holm et S. Ryman

3660. Coronophora paucispora K. & L.Holm **n. sp.** **Isotype**

In the bark of cut branches of *Sambucus racemosa*.

UPPLAND: Dalby parish, Tuna, just S of pt 20.34.

4.III.1987 leg. K. & L.Holm (4392a)

Species nova Coronophorae, peritheciis pilosis, ascis paucisporis (4–8) distinguenda. – *Perithecia* saccate, 0.6–0.8 mm diam., generally strongly hairy of hyphae, 5–8 µm wide, thickwalled, brown, septate; perithecia solitary or up to 10 together in valsoid groups. *Peridium* largely of uniform thickness, c. 40–50 µm broad, of c. 10 layers of cells, the outer ± polyedric, up to 20 µm, with thickened, pigmented walls, perforated by "Munk pores", the inner cells hyaline, strongly compressed, up to 40 µm. "*Quellkörper*" conical, up to 0.7 mm long, 0,3 mm broad at base. No *hamathecium*. *Asci* reminiscent of tadpoles in shape, with a long slender stipe and an ellipsoid, sporiferous part, c. 40 x 12 µm; generally tetrasporous but 5–8-spored asci occur; wall early dissolving. *Spores* allantoid , 1-celled, hyaline, 10–12 x 2–2.5 µm in 4-spored asci, 8–10 x 2,0 µm in 8-spored ones, with 2–4 oil droplets. – Holotype in UPS. – Two further samples in UPS, from the same area (K. & L. Holm 4387c, *Sambucus racemosa*; K. & L. Holm 4413a, *Berberis vulgaris*). – L.H.
Figs 1–3, p. 22

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
Ed. cur. L. Holm et S. Ryman

3661. Calosphaeria abnormis (Fr.:Fr.) Höhn.

Sitzungsber. K. Akad. Wissenschaft. Wien, Math.-Nat. Kl., 1 Abt. 118: 1507 (= Fragm. z. Mykol. 442) (1909). – Syn.: *Sphaeria abnormis* Fr., K. Sv. Vet.-Acad. Handl. 1817 p. 104 : Fr., Syst. Mycol. 2: 411 (1823). – *Sphaeria floccosa* Fr. in Kunze & J.C.Schmidt, Mykol. Hefte 2: 38 (1823) : Fr., Syst. Mycol. 2: 375 (1823). – *Enchnoa floccosa* Karst., Meddel. Soc. Fauna Fl. Fenn. 2: 187 (= Symb. Mycol. 4: 187) (1878).

In the bark of cut, heaped-up branches of *Sambucus racemosa*.

UPPLAND: Dalby parish, Tuna, c. 100 m S of pt. 20.34.

19.IV.1987 leg. & det. K. & L. Holm (4459a)

As pointed out by Dr. Margaret Barr (in litt.) the species seems close to *Phragmocalosphaeria* Petr. – L.H.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
Ed. cur. L. Holm et S. Ryman

3662a. Romellia vibratilis (Fr.) Berl.

Ic. Fung. 3: 5 (1900). – Syn.: *Sphaeria vibratilis* Fr., Syst. Mycol. 2: 482 (1823). – *Calosphaeria vibratilis* (Fr.) Nitschke, Pyr. Germ. p. 97 (1867).

In the bark of a felled tree of *Sorbus aucuparia*.

UPPLAND: Dalby parish, field edge c. 500 m NE of Björkdal.

16.III.1984 leg. & det. K. & L. Holm (3053a)

The same species, on *Prunus padus*, is issued as no. 3662b.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
Ed. cur. L. Holm et S. Ryman

3662b. Romellia vibratilis (Fr.) Berl.

In the bark of cut branches of *Prunus padus*.

UPPLAND: Västeråker parish, c. 300 m E of Björkdal.

19.II.1987 leg. & det. K. & L. Holm (4385b)

The same species, on *Sorbus aucuparia*, is issued as no. 3662a.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
Ed. cur. L. Holm et S. Ryman

3663. Jattaea microtheca (Cooke & Ellis) Berl.

Ic. Fung. 3: 7 (1900). – Syn.: *Sphaeria microtheca* Cooke & Ellis, Grevillea 5: 51 (1876). – *Calosphaeria microtheca* (Cooke & Ellis) Sacc., Syll. Fung. 1: 97 (1882).

In the inner side of loosening bark of a dead trunk of *Acer platanoides*.

UPPLAND: Dalby parish, Jerusalem, "Oljeberget".

15.X.1999 leg. & det. K. & L. Holm (6247)
confirm. Margaret E. Barr. 2002

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
Ed. cur. L. Holm et S. Ryman

3664. Mycoglaena myricae (Nyl.) R.C.Harris

The Michigan Botanist 12: 29 (1973). – Syn.: *Verrucaria myricae* Nyl., Flora 52: 297 (1869).

In dead and live twigs of *Myrica gale*.

UPPLAND: Hållnäs parish, c. 5 km SE of the church, northern shore of the lake Hällefjärd.

12.IX.1989 leg. & det. K. & L. Holm (5480a)

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
Ed. cur. L. Holm et S. Ryman

3665. Xylopezia hemisphaerica (Fr.) M.Sherwood

Brittonia 38: 41 (1986). – Syn.: *Stictis hemisphaerica* Fr., Syst. Mycol. 2: 196 (1822). – *Odontotrema hemisphaericum* (Fr.) Rehm, Disc.-Fl. p. 205 (1888).

In often submerged logs between big boulders in river.

HÄRJEDALEN: Tännäs parish, c. 1.5 km NE of Funäsdalen, at the bridge over the river Ljusnan.

15.VIII.1958 leg. Rolf Santesson (12580)
det. L. Holm

It may be questioned whether *Xylopezia* Höhn. (Ann. Mycol. 15: 308. 1917) can be considered a validly published name as v. Höhnel (l.c.) described a specimen (Fuckel, F. Rhen. no. 2673) rather than a genus. – L.H.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
Ed. cur. L. Holm et S. Ryman

3666. Molleriella betulae (J.Reid & Piroz.) Arx & E.Müll.

Studies in Mycology 9: 22 (1975). – Syn.: *Hemimyriangium betulae* J.Reid & Piroz., Can. J. Bot. 44: 651 (1966).

On the resinous warts of young *Betula pendula* (= *B. verrucosa*).

UPPLAND: Österlövsta parish, Skyttskär, clearing in mixed forest.

6.V.1981, ripened at Uppland, Dalby parish, Jerusalem until 12.VIII.1981
leg. & det. K. & L. Holm (2364a)

First Swedish find, apparently the second one in Europe (earlier reported from Finland by us in Mem. Soc. Fauna Fl. Fenn. 56: 12. 1980). – L.H.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
Ed. cur. L. Holm et S. Ryman

3667. Seuratia millardetii (Racib.) Meeker

Can. J. Bot. 53: 2485 (1975). – Syn.: *Atichia millardeti* (sic) Racib., Parasit. Algen und Pilze Java's 3: 41 (1900).

On living leaves of cultivated *Abies sibirica*.

SÖDERMANLAND: Över-Järna parish, Bankesta, in the park in a shady situation.

22.IV & 24.VI.1946 leg. & det. R. Santesson

This sample, as all Swedish material, is the anamorph, *Atichia glomerulosa* (Ach.) Stein. – Previously distributed, from Uppland, on *Abies alba* (no. 1787), and on *A. concolor* (no. 1788).

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
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3668. Anthracoidea vankyi Nannf.

Bot. Notiser 130: 372 (1977).

Sori in ovaries of *Carex spicata*.

SMÅLAND. Rumskulla parish, Norra Kvill, along the path to the old oak.

1. 2.VIII.1982 leg. & det. Ingvar Nordin (8799)
2. 13.VII.1984 leg. & det. Ingvar Nordin (9287)

These collections represent the first and so far sole Swedish finds of this rare species.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
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3669. Microbotryum stellariae (Sow. ex Liro) G.Deml & Oberw.

Phytopathol. Zeitschr. 104: 354 (1982). – Syn.: *Farinaria stellariae* Sow., Col. Fig. Engl. Fungi 3: p. sine num. & tab. 396, fig. 1 (1803) nom. inval. – *Ustilago stellariae* Sow. ex Liro, Annal. Acad. Sci. Fenn. A 17:1: 39 (1924). – *Ustilago violacea* var. *stellariae* (Sow. ex Liro) Savile, Can. J. Bot. 31: 674 (1953).

Sori in anthers of *Stellaria graminea*.

GOTLAND: Hamra parish, "Sippmanns äng".

24.VII.1982 leg. & det. Ingvar Nordin (8796)

Sowerby (op. cit.) described 10 new species of the new genus *Farinaria*; however, as he gave no generic description, all those names are non validly published. – This species was previously distributed, from Lapland, on the same host (nos 650, 2488) and on *Stellaria calycantha* x *longifolia* (no. 649), and is now issued also on *S. holostea* as no. 3670. – L.H.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
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3670. Microbotryum stellariae (Sow. ex Liro) G.Deml. & Oberw.

Sori in anthers of *Stellaria holostea*.

ÖLAND: Vickleby parish, L. Vickleby.

5.VI.1964 leg. C.M. Norrman
det. L. Holm

The same species, on *S. calycantha* x *longifolia*, has been distributed as no. 649, and on *S. graminea* as nos 650, 2488, and 3669.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
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3671. Microbotryum violaceum (Pers. : Pers.) G.Deml & Oberw.

Phytopathol. Zeitschr. 104: 353 (1982). – Syn.: *Uredo violacea* Pers., Tent. Disp. Meth. Fung. p. 57 (1797) : Pers., Syn. Meth. Fung. p. 225 (1881). – *Ustilago violacea* (Pers.) Roussel, Fl. Calvados ed. 2, p. 47 (1806).

Sori in anthers of cultivated *Saponaria officinalis*.

VÄSTMANLAND: Västerås, Götgatan 4b, in garden.

16.VII.1988 leg. & det. Ingvar Nordin (10504)

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
Ed. cur. L. Holm et S. Ryman

3672. Urocystis leimbachii Oertel

Irmischia 1: 4 (1882) ("1881").

Sori in stems of *Adonis vernalis*.

ÖLAND: Ventlinge parish, Mörbylilla Nature Reserve.

2.VII.1995 leg. Börge Pettersson & Kathy Johnson
det. L. Holm

This species, on cultivated *A. vernalis*, was distributed as no. 3191.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
Ed. cur. L. Holm et S. Ryman

3673. Urocystis miyabeana Togashi & Onuma

Jap. J. Bot. 5: 25 (1930).

Sori in leaves of *Polygonatum multiflorum*.

UPPLAND: Uppsala, Vårdsätra Nature Reserve, deciduous wood.

30.V.2001 leg. & det. Nils Lundqvist (21384)

New to Sweden!

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
Ed. cur. L. Holm et S. Ryman

3674. Ustilago thlaspeos (Beck) Lagerh. ex P.Syd.

Ustilagineen fasc. 3 no. 118 in sched. (1897) – Syn.: *Tilletia thlaspeos* Beck, Verh. K. K. Zool. Bot. Ges. Wien 35(1): 362 (1885) ("1886").

Sori in seeds of *Thlaspi caerulescens* ssp. *brachypetalum*.

UPPLAND: Uppsala, eastern slope of the esker Sunnerstaåsen, c. 500 m N of the bridge at Flottsund.

18.VI.1994 leg. & det. Lena Jonsell (6221)

First Swedish find on *Thlaspi*!

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
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3675. Ustilago tragopogonis-pratensis (Pers.) Roussel

Fl. Calvados ed. 2, p. 47 (1806) ("*tragopogi pratensis*"). – Syn.: *Uredo tragopogi pratensis* Pers., Syn. Meth. Fung. p. 225 (1801).

Sori in floral heads of *Tragopogon crocifolius*.

GOTLAND: Väskinde parish, Skäggs.

28.VI.1988 leg. & det. Nils Lundqvist (17154)

Apparently the first find on *T. crocifolius*.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
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3676. Eocronartium muscicola (Pers. : Fr.) Fitzp.

Phytopath. 8: 197, 212 (1918) (n.v.). – Syn.: *Clavaria muscicola* Pers., Obs. mycol. 2: 60 (1799). – *Pistillaria muscicola* Pers. : Fr., Syst. mycol. 1: 498 (1821). – *Typhula muscicola* (Pers. : Fr.) Fr., Epicr. p. 585 (1838).

On moss-covered boulder near the water.

ÅNGERMANLAND: Ramsele parish, Ramsele, just S of the bridge over the river Faxälven, on the E side of the River.

4.VIII.1984 leg. & det. Karin Martinsson

Further synonyms in Wojewoda, Fl. Polska, Grzyby (Mycota) 8: 239, 1977. Host mosses, biology and the distribution (with map) in Fennoscandia in Ulvinen, Mem. Soc. Fauna Fl. Fenn. 57: 81–89 (1981).

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3677. Protomerulius caryae (Schwein.) Ryvarden

Genera of Polypores (= Synopsis Fung. 5) p. 212 (1991). – Syn.: *Polyporus caryae* Schwein., Trans. Am. Phil. Soc. II, 4: 159 (1832). – *Aporpium caryae* (Schwein.) Teixeira & D.P.Rogers, Mycologia 47: 410 (1955). – *Poria canescens* P. Karst., Rev. Mycol. 9: 10, 1887. – *Aporpium canescens* (P.Karst.) Bondartsev & Singer in Singer, Mycologia 36: 67 (1944).

On the underside of a big, fallen *Fagus sylvatica* in a *Fagus* wood.

UPPLAND: Roslagskulla parish, Östanå, 0.5 km SSW of the castle.

8.XI.1997 leg. & det. Johan Allmér & Åke Strid

Further synonyms, notes on type material etc. can be found in Teixeira & Rogers, Mycologia 47 : 408–415 (1955). Recently published as new two Sweden in Allmér & Strid, Jordstjärnan 18 (3): 22–30 (1997), with a colour photo of this collection and the habitat on the front cover.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
Ed. cur. L. Holm et S. Ryman

3678. Albatrellus citrinus Ryman ined.

Growing in a large ring on the ground in herb-rich mossy coniferous forest on calcareous soil, with *Picea abies* and a single *Corylus avellana*

UPPLAND: Hållnäs par., Slada

24.VIII.1985 leg. Svengunnar Ryman (8002)

This new species will be published in a forthcoming article in Mycological Research.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
Ed. cur. L. Holm et S. Ryman

3679. Albatrellus subrubescens (Murrill) Pouzar

Česká Mykol. 26: 196 (1972). – Syn.: *Scutiger subrubescens* Murrill, Bull. Torrey Bot. Club 67: 277 (1940). – *Albatrellus similis* Pouzar, Folia Geobot. Phytotax., Praha 1: 274–276 (1966)

Growing with pine (*Pinus sylvestris*) on sandy soil.

MEDELPAD: Timrå par., Tallnäs

25.IX.1998 leg. & det. Siw Muskos (98-120)

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
Ed. cur. L. Holm et S. Ryman

3680a. Albatrellus syringae (Parmasto) Pouzar

Folia Geobot. Phytotax. Bohemoslov. 1: 358 (1966). – Syn.: *Scutiger syringae* Parmasto, Not. Syst. Sect. Crypt. Inst. Bot. Acad. Sci. U.R.S.S. 15: 132–134 (1962).

Roadside, amongst sparse grass on calcareous soil.

JÄMTLAND: Stugun parish, W of Näverede, S of the river Indalsälven.

24.VIII.1981 leg. & det. Svengunnar Ryman (6388)

A colour photo of this collection is in Ryman & Holmåsen, Svampar p. 145 (1984). The ecology, distribution and history of dispersal in Fennoscandia and the Baltic region is treated by Granmo & Mathiassen in Karstenia 41: 37–48 (2001). They also treat the taxonomy and world distribution in op. cit. 49–54.
The same species is issued as no. 3680b.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
Ed. cur. L. Holm et S. Ryman

3680b. Albatrellus syringae (Parmasto) Pouzar

Roadside on calcareous soil, under *Alnus incana* and *Salix* shrubs.

JÄMTLAND: Mattmar parish, Storbodarna.

16.VIII.1984 leg. & det. Svengunnar Ryman (7712)

The same species is issued as no. 3680a.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
Ed. cur. L. Holm et S. Ryman

3681. Clavaria amoenoides Corner et al.

Trans. Br. Mycol. Soc. 39: 483–484 (1956).

Densely fasiculated amongst low grass, mosses, *Pilosella officinarum* etc. in dry pasture on sandy soil.

UPPLAND: Bälinge parish, Lövstalöt, on the esker E of the River Björklingeån, between Åtorpet and Åhagen.

9.IX.1998 leg. & det. Svengunnar Ryman (9000)

Fruit-bodies pale yellow, in some specimens with brownish shrunken apex, probably caused by the frost a few days earlier. A colour photo of this species, from the province of Medelpad, is in Jordstjärnan 9(2): back cover (1988, as *Clavaria fusiformis*). – S.R.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
Ed. cur. L. Holm et S. Ryman

3682. Clavaria asperulospora G.F.Atk.

Ann. Mycol. 6: 55 (1908) . – Syn.: *Ramariopsis asperulospora* (G.F.Atk.) Corner, Monogr. Clavaria (= Ann. Bot. Mem. 1) p. 638 (1950). – *Clavaria atrofusca* Velen., Novitates Mycol. p. 164 (1939). – *Clavaria neonigrita* R.H.Petersen, Can. J. Bot. 47: 1140–1141 (1969)

Amongst grass and mosses on a rock in deciduous forest with e.g. *Populus tremula*, together with *Geoglossum* and *Hygrocybe*.

UPPLAND: Uppsala, Predikstolen

30.VIII.1988 leg. & det. Johan Nitare

A colour photo, from the same mycelia one year earlier, is in Jordstjärnan 9(2): back cover (1988).

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
Ed. cur. L. Holm et S. Ryman

3683. Daedaleopsis septentrionalis (P.Karst.) Niemelä

Karstenia 22: 11 (1982). – Syn.: *Lenzites septentrionalis* P. Karst., Not. Sällsk. Fauna Fl. Fenn. Förh. 8: 199 (1882; preprint 1866).

On fallen branch of *Betula pendula* in a park.

UPPLAND: Söderfors parish, Söderfors, 200 m SE of the parish church.

14.IX.1997 leg. & det. Svengunnar Ryman (8973)

This nothern species can be recognized on its dichotomously branched lamellae. It seems to grow only on *Betula* and *Alnus incana*. It was treated in detail with distribution map under the namn *Daedaleopsis confragosa* var. *tricolor* (Bull. : Fr.) Bondartsev by Strid in Rep. Kevo Subarctic Res. Stat. 9: 35–43 (1972). For a colour photo of this species, from the province of Dalarna, see Ryman & Holmåsen, Svampar p. 172 (1984). – S.R.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
Ed. cur. L. Holm et S. Ryman

3684. Hydnellum auratile (Britzelm.) Maas Geest.

Persoonia 1: 111 (1959). – Syn.: *Hydnum auratile* Britzelm., Hym. Südbayern 8: 14 (1891) (n.v.).

Growing in a fairy ring on the ground in pine forest on former sea-wall.

GOTLAND: Eksta parish, Ekstastrand

21.IX.2000 leg. & det. Svengunnar Ryman (9078)

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
Ed. cur. L. Holm et S. Ryman

3685. Ramaria echinovirens Corner et al.

Trans. Br. Mycol. Soc. 40: 473–474 (1957).

On bare mould under a big fallen oak (*Quercus robur*).

UPPLAND: Uppsala, in the N part of Vårdsätra Nature Reserve.

7.IX.1994 leg. & det. Åke Strid (19809)

In Sweden only known from this locality, where it was first found by Johan Nitare in 1987. See Larsson (ed.), Rödlistade svampar i Sverige – Artfakta p. 455 (1997)

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
Ed. cur. L. Holm et S. Ryman

3686. Ramariopsis pulchella (Boud.) Corner

Monogr. Clavaria (= Ann. Bot. Mem. 1) p. 645 (1950). – Syn.: *Clavaria pulchella* Boud., Bull. Soc. Mycol. France 3: 146, Pl. XIII:II (1887).

On naked soil under deciduous trees (*Ulmus, Tilia, Fraxinus, Betula, Alnus* etc.)

UPPLAND: Uppsala, Sunnersta, 420 m E of the manor.

30.VIII.1984 leg. K. Martinsson, J. Nitare & S. Ryman
det. Johan Nitare

First Swedish find. See Martinsson & Nitare, Svensk Bot. Tidskr. 82 (4): 225–227 (1988) with a colour photo on the front cover.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
Ed. cur. L. Holm et S. Ryman

3687. Sarcodon imbricatus (L. : Fr.) P.Karst.

Rev. Mycol. 3: 20 (1881). – Syn.: *Hydnum imbricatum* L., Sp. pl. p. 1178 (1753) : Fr., Syst. Mycol. 1: 338 (1821)

Old spruce forest (*Picea abies*).

MEDELPAD: Njurunda parish, between Mt Midskogsberget and Mt Omsberget.

30.VIII.1998 leg. & det. Siw Muskos (98-51)

The taxonomy and nomenclature of this species and its double *Sarcodon squamosus* was treated by Johannesson et al. in Mycol. Res. 103: 1447–1452 (1999). – The collection distributed here is from the epitype locality. The same species, from Uppland, was distributed as no. 68.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
Ed. cur. L. Holm et S. Ryman

3688a. Sarcodon squamosus (Schaeff.) Quél.

Enchir. Fung. p. 188 (1886). – Syn.: *Hydnum squamosus* Schaeff., Fung. Bav. 4: 99 (1774)

In pine forest (*Pinus sylvestris*) on calcareous, sandy soil near the sea.

MEDELPAD: Njurunda parish, Björkvik.

16.IX.1998 leg. & det. Siw Muskos (98-106)

The taxonomy and nomenclature of this species and its double *Sarcodon imbricatus* was treated by Johannesson et al. in Mycol. Res. 103: 1447–1452 (1999). – The collection distributed here is from the epitype locality. The same species, from Öland, is distributed as no. 3688b.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
Ed. cur. L. Holm et S. Ryman

3688b. Sarcodon squamosus (Schaeff.) Quél.

In a big ring under *Pinus sylvestris* in sand dune.

ÖLAND: Böda parish, Fagerrör.

1.X.1998 leg. & det. Svengunnar Ryman (9018)

The same species, from Medelpad, was distributed as no. 3688a.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
Ed. cur. L. Holm et S. Ryman

3689. Bolbitius variicolor G.F.Atk.

Studies Am. Fungi p. 164–165 (1900) (n.v.).

On horse droppings in a pasture.

MEDELPAD: Sättna par., Byn.

26.VI.1998 leg. Ann-Christin Suneson & Siw Muskos

Cap grey olivaceous and often reticulate or wrinkled. Material from this locality determined by Roy Watling 1993. See Jordstjärnan 15 (3): 32 (1994). – S.R.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
Ed. cur. L. Holm et S. Ryman

3690. Cortinarius arcuatorum R.Henry

Bull. Soc. Mycol. France 55: 80–82 (1939). – Syn.: *Phlegmacium arcuatorum* (R.Henry) M.Moser, Die Gattung Phlegmacium (= Die Pilze Mitteleuropas 4) p. 175 (1960)

Dense decidouos wood with *Quercus*, *Corylus* and *Crataegus* on calcareous soil.

ÖLAND: Algutsrum parish, c. 1 km S of Gråborg, W of the parish, border.

30.IX.1998 leg. S. Muskos, S. Jacobsson & S. Ryman (9015)
det. Stig Jacobsson

Cap pale orange brown. Gills pale violet. Recognized on the violet outer veil, best seen on the margin of the marginate stipe bulb. – S.R.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
Ed. cur. L. Holm et S. Ryman

3691. Cortinarius caesiocortinatus Jul.Schäff.

Sydowia 5: 359–361 (1951). – Syn.: *Phlegmacium caesiocortinatum* (Jul.Schäff.) M.M.Moser, Die Gattung Phlegmacium (= Die Pilze Mitteleuropas 4) p. 189 (1960)

Deciduous wood with *Carpinus*, *Quercus*, *Corylus* and *Crataegus* on calcareous soil.

ÖLAND: Högsrum parish, S of Odens flisor, E of Sundsholm.

3.X.1998 leg. Jan-Åke Lönqvist
det. Stig Jacobsson

Easily recognized on the strongly verrucose, almost spherical spores. – S.R.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
Ed. cur. L. Holm et S. Ryman

3692. Cortinarius canabarba M.M.Moser

Carinthia 2: 30–33 (1966).

Old bouldery spruce forest on calcareous soil.

UPPLAND: Hållnäs parish, Slada, forest N of the village.

17–27.VIII.1988 leg. & det. Svengunnar Ryman (8532)

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
Ed. cur. L. Holm et S. Ryman

3693. Cortinarius olidus J.E.Lange

Dansk Bot. Arkiv 8(7): 19 (1935) ex Fl. Agaricina Danica p. III (1940). – *Cortinarius cephalixus* sensu auct. – *C. cliduchus* sensu Ricken

In a large ring in rich spruce forest on calcareous soil.

UPPLAND: Väddö parish, nature reserve Tullviksbäcken (c. 3 km SSE of Grisslehamn).

16.IX.1997 leg. & det. Svengunnar Ryman (8974)

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
Ed. cur. L. Holm et S. Ryman

3694. Cortinarius olivaceofuscus Kühner

Bull. Soc. Linn. Lyon 24: 39 (1955). – Syn.:*Dermocybe olivaceofuscus* (Kühner) Quadr., Doc. mycol. 14(56): 27 (1985) ("1984"). – *Dermocybe carpineti* M.M.Moser (ined.), Schweizerische Z. Pilzkunde 51: 130–131 (1973). – *Cortinarius schaefferi* Bres., Icon. mycol. 13: 648 (1930; nom. illeg.).

Under *Corylus avellana* on rich calcareous soil in mixed forest.

UPPLAND: Uppsala, Kvarnbo lund.

20.VIII.1985 leg. & det. Svengunnar Ryman (7977)

A colour photo, from the same mycelia one year later, is in Brandrud et al., Cortinarius, Fl. Photographica 1, pl. A16 (1989). This uncommon species is unique among the Nordic species of the subgenus *Dermocybe* in growing on rich, calcareous soil, usually under deciduous trees. See Høiland, Opera Bot. 71: 79–81 (1983). – S.R.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
Ed. cur. L. Holm et S. Ryman

3695. Cortinarius psammocephalus (Bull.) Fr.

Epicr. p. 301 (1838). – Syn.: *Agaricus psammocephalus* Bull., Herb. France Plate 531, fig. 2 (1792).

Under *Salix caprea* in dense thicket on former arable land.

UPPLAND: Uppsala, Kvarnbo lund.

26.VIII.1985 leg. & det. Svengunnar Ryman (8012)

The name *Cortinarius psammocephalus* is here used in the sense of Lange (Fl. Agaricina Danica 3: 40, Tab. 99 fig. F, 1938), namely for a fungus of deciduous forests. Fries (1838) adopts the name for a fungus of coniferous forests, probably *Cortinarius angelesianus* A.H.Sm. (syn. *C. strobilaceus* M.M.Moser). A colour photo, from the same spot one year later, is in Brandrud et al., Cortinarius, Fl. Photographica 4, pl. D57 (1998) and on page 18 in the same work the use of the name *C. psammocephalus* is discussed by Håkan Lindström. – S.R.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
Ed. cur. L. Holm et S. Ryman

3696. Inocybe cervicolor (Pers.) Quél.

Enchir. Fung. p. 95 (1886). – Syn.: *Agaricus cervicolor* Pers., Syn. Meth. Fung. p. 325 (1801).

Under spruce in mixed forest on calcareous soil.

UPPLAND: Dalby parish, the forest E of Dalkarlskärret.

20.VIII.1985 leg. & det. Svengunnar Ryman (7978)

Smell strong and unpleasent, as in *Cortinarius mussivus* (Fr.) Melot (syn.: *C. russeoides* M.M.Moser.) – S.R.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
Ed. cur. L. Holm et S. Ryman

3697. Lactarius evosmus Kühner & Romagn.

Bull. Soc. Mycol. Fr. 69: 361 (1954) ("1953"). – *Lactarius zonarius* sensu Neuhoff, Die Milchlinge p. 118–120 (1956).

Under *Populus tremula* along and on a small field road, amongst grass on calcareous soil.

UPPLAND: Hållnäs parish, Slada, S of the village.

16.VIII.1985 leg. & det. Svengunnar Ryman (7957)

Cap 5–10 cm, first almost whitish, later pale ochre or straw coloured, with weak zonation at the margin, deeply depressed to infundibuliform. Cap margin thin, naked. Stem white, later with some brownish spots and occasionally with some few shallow depressions. Flesh white, not turning pink or greyish. Milk white. Taste acrid. Smell fruity, like *Rusula fellea*. This species is not uncommon under aspen in East Central Sweden. A colour photo of this species from Eckerö in the adjacent archipelago of Åland (only 20 km ESE of our locality) is in Korhonen, Suomen rouskut p. 101 (1984; as *L. zonarius*), also here growing under aspen. – S.R.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
Ed. cur. L. Holm et S. Ryman

3698. Leucopaxillus subzonalis (Peck) H.E.Bigelow

Lloydia 28: 179 (1965). – Syn.: *Agaricus (Clitocybe) subzonalis* Peck, Bull. Buffalo Soc. Nat. Sci. 1: 46 (1873). – *Clitocybe pulcherrima* Peck, J. Mycol. 14: 1 (1908). – *Leucopaxillus pulcherrimus* (Peck) Joss., Bull. Soc. Mycol. France 56: 23 (1941) ("1940"); Singer & A.H.Sm., Pap. Mich. Acad. Sci. Arts and Lett. 28: 116 (1943).

In a sparse wide fairy ring amongst mosses and coniferous debris in rich, bouldery, moist spruce forest on calcareous soil.

UPLAND: Tierp parish, 4 km W of Munga, 1 km NW of Edsbo.

28.IX.1997 Sigurd Pettersson, K. & S. Ryman (8980)
det. Svengunnar Ryman

Easily recognized on the pruinose cap with golden yellow spots after handling and with age, the golden yellow flesh, and the amyloid, warty, subglobose spores. Known from this locality since 1987 and then new to Sweden. Also found near Uppsala the same year and later also in the province of Medelpad. Originally described from North America. The first find from Europe (from France) 1937 is fully discussed by Josserand in Bull. Soc. Nat. Oyonnax 7: 50–56 (1953). The combination *Leucopaxillus pulcherrimus* is usually attributed to Singer & A.H.Sm., but Josserand's is apparently two years older. For a colour photo of our species from the locality near Uppsala, see Larsson (ed.), Rödlistade svampar i Sverige (1997). – S.R.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
Ed. cur. L. Holm et S. Ryman

3699. Pholiota elegans Jacobsson

Windahlia 19: 72–76 (1991) ("1990").

On the ground and on decaying wood of *Populus tremula* and *Betula* in a ditched fen in mixed coniferous forest.

UPPLAND: Rasbo parish, Grän.

4.XI.1991 leg. & det. Birgitta Gahne & Svengunnar Ryman (8907)

Similar to *Pholiota lubrica,* but with citric yellow colours on the cap. For a full description and a map of the Nordic finds, see Jacobsson (op. cit.). The collection distributed here is from the type locality. – S.R.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES
Ed. cur. L. Holm et S. Ryman

3700. Tricholoma bresadolanum Clémençon

Docum. Mycol. 7 (27–28): 54 (1977, as *breasadolianum*). – Syn.: *T. bresadolae* Clémençon, Nova Hedwigia 28: 32–36 (1977) non Schulzer, Hedwigia 24: 132 (1885).

Forming a big fairy ring under *Quercus* in pasture with deciduous trees on calcareous soil.

ÖLAND: Högsrum parish, Halltorps hage.

29.IX.1998 leg. Svengunnar Ryman (9009)
det. Ilkka Kytövuori

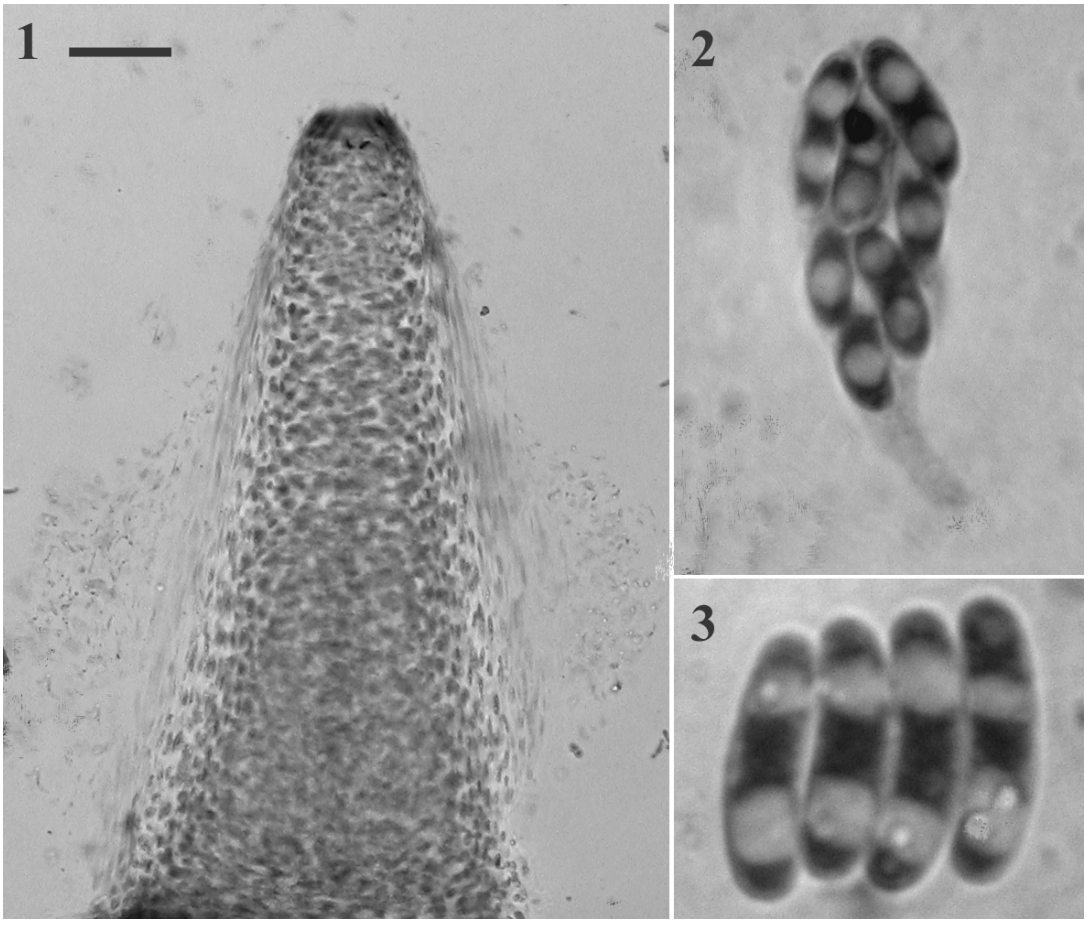

Fig. 1–3. *Coronophora paucispora*. 1. "Quellkörper", bar = 70 μm. 2. Ascus, bar = 7 μm. 3. Spores, bar = 4 μm. (1 & 2 from Holm & Holm 4387c, 3 from 4392a, all in UPS).

Publication from the Herbarium, University of Uppsala
Nos 1–19. See back cover of Thunbergia 4

THUNBERGIA (http://www-hotel.uu.se/evolmuseum/fytotek/**)**

1. L. Tibell – *Caliciales exsiccatae*, Fasc. 6 (Nos 126–150), 1986.
2. R. Moberg – *Lichenes sel. exs. Upsal.*, Fasc. 1 (Nos 1–25), 1986.
3. R. Santesson – *Fungi lichenic. exs.*, Fasc. 3–4 (Nos 51–100), 1986.
4. O. Constantinescu & R. Moberg – *Computer assistance and some time-saving routines in UPSC culture collection*, 1987.
5. R. Moberg – *Lichenes sel. exs. Upsal.*, Fasc. 2 (Nos 26–50), 1987.
6. R. Santesson – *Fungi lichenic. exs.*, Fasc. 5–6 (Nos 101–150), 1988.
7. R. Moberg – *Lichenes sel. exs. Upsal.*, Fasc. 3 (Nos 51–75), 1989.
8. L. Tibell – *Caliciales exsiccatae*, Fasc. 7 (Nos 151–175), 1989.
9. N. Lundqvist – *Fungi fimicoli exs.*, Fasc. 3 (Nos 51–75), 1989.
10. L. Holm & J.A. Nannfeldt – *Fungi exsiccati Suecici*, Fasc. 67 (Nos 3301–3350), 1990.
11. L. Holm & J.A. Nannfeldt – *Fungi exsiccati Suecici*, Fasc. 68 (Nos 3351–3400), 1990.
12. D.O. Wijnands – *Correct author citation for the species described on material collected by Thunberg in Japan*, 1990.
13. L. Tibell – *Caliciales exsiccatae*, Fasc. 8 (Nos 176–200), 1990.
14. R. Moberg – *Lichenes sel. exs. Upsal.*, Fasc. 4 (Nos 76–100), 1991.
15. O. Constantinescu – *An annotated list of Peronospora names*, 1991.
16. L. Holm & J.A. Nannfeldt – *Fungi exsiccati Suecici*, Fasc. 69 (Nos 3401–3450), 1992.
17. L. Holm & J.A. Nannfeldt – *Fungi exsiccati Suecici*, Fasc. 70 (Nos 3451–3500), 1992.
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19. S. Lundqvist & R. Moberg – *The Pehr Kalm Herbarium in UPS, a collection of North American plants*, 1993
20. R. Moberg – *Lich. sel. exs. Upsal.*, Fasc. 5 & 6 (Nos 101–150), 1994.
21. R. Santesson – *Fungi lichenic. exs.*, Fasc. 7 & 8 (Nos 151–200), 1994.
22. R. Santesson – *Fungi lichenic. exs.*, Fasc. 9 & 10 (Nos 201–250), 1994.
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28. R. Santesson – *Fungi lichenic. exs.*, Fasc. 11 & 12 (Nos 251–300), 1998
29. R. Moberg – *Lich. sel. exs. Upsal.*, Fasc. 11& 12 (Nos 251–300), 1999.
30. L. Holm & S. Ryman – *Fungi exsiccati Suecici*, Fasc. 73 (Nos 3601–3650), 2000.

31. R. Santesson – *Fungi lichenic. exs.*, Fasc. 13 & 14 (Nos 301–350), 2001
32. A. Nordin – *DuRietz's lichen collections 1956–1965 from riverbanks and shores of lakes in connection with planned water regulations*, 2002
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