

# THUNBERGIA

17



## FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

Mandatu Collegii ex Elia Friesio nominati  
edendos curaverunt

L. HOLM et J. A. NANNFELDT (†)

Fasc. 70 (n. 3451 - 3500)

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THUNBERGIA is the continuation of "Publications from the Herbarium, University of Uppsala", of which 19 numbers were issued between 1978 and 1986. The name is given in memory of Carl Peter Thunberg (1743–1828), a disciple of Linnaeus and a famous traveller to South Africa and Japan. His collections, about twentyseven thousand sheets, were transferred to our University in 1785, and became the foundation of the Botanical Museum. Thunberg succeeded Linnaeus filius as professor in 1785 and held the professorship to his death.

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**Fungi Exsiccati Suecici, Praesertim Upsalienses.**

**Fascicle 70**

L. Holm & J. A. Nannfeldt (†)

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UPPSALA 1992

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## Fungi Exsiccati Suecici, Praesertim Upsalienses.

### Fascicle 70

L. Holm & J. A. Nannfeldt (†)

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The fascicle comprises 50 numbers of Discomycetes, representing 41 species of the families Hyaloscyphaceae (30), Hypodermataceae (11), Rhytismataceae (5), Phacidiaceae (2), and Morchellaceae (1). Four new taxa are described: *Cistella cirina* Nannf. ex Svrček n. sp., *Lachnum gracillimum* Raitviir n. sp., *Phialina puberula* var. *Epilobii* Raitviir n. var., and *Unguiculella nectriiphila* Svrček n. sp. Three new combinations are published: *Lachnum Grevillei* (Berk.) Nannf., *Lachnum Salicariae* (Rehm) Nannf., and *Lachnum washingtonense* (Dennis) Nannf. An alphabetic index and a host index to nos 3001-3500 are appended.

Among John Axel Nannfeldt's many significant contributions to mycology, the Fungi Exsiccati Suecici hold a prominent position. He was an editor from the start, in 1932, and continued to take an active interest until his final illness. Indeed the later fascicles, issued after his death, still consist largely of material that he had determined and annotated.

The current fascicle completes the seventh decade (nos 3001-3500) and is issued with comprehensive indices.

As can be seen from the labels, much material has also been collected and contributed by ardent fellow-mycologists, both professional and amateur. Their valuable assistance is gratefully acknowledged.

Some distinguished specialists have kindly determined critical specimens and in some cases provided descriptions of new taxa. It is a pleasant duty to express our sincere thanks to them: Messrs E. Batten (Eefde), J. Berthier (Lyon), H. Dissing (Copenhagen), J. Eriksson (Göteborg), B. Hein (Berlin), K. Hjortstam and S. Jacobsson (Göteborg), Mrs L. Jonsell (Uppsala), Messrs L. E. Kers (Stockholm), J. Nitare (Jönköping), R. Petersen (Knoxville), A. Raitviir (Tartu), S. Ryman (Uppsala), E. Schild (Brienz), T. Schumacher (Oslo), and M. Svrček (Prague).

Mr. E. Åberg (Uppsala) has skilfully identified several wood samples. The printing costs have been defrayed by the Swedish Natural Science Research Council.

Lennart Holm



*John Axel Nannfeldt*

18/1 1904 - 4/11 1985

**FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES**

Ed. cur. L. Holm et J.A. Nannfeldt (†)

**3451. *Cistella citrina* Nannf. ex Svrček n. sp. Isotype**

On a rotten log of spruce, often associated with dead *Coniophora olivacea* (det. N.Hallenberg 1992).

JÄMTLAND: Åre parish, NE slope of Mt Finnvallklumpen, close to the foot-path Storvallen–Rundhögen.

30.VII.1950 J.A. Nannfeldt (no.10901)

*Apothecia* 0.2–0.4 mm diam., cyathiformia, basi brevissime attenuato-sessilia, viva citrino-lutea sed sicca extus pallide brunneola, margine subtiliter albido-pulveraceo, disco subclauso, subplano, pallide brunneolo. *Excipulum* textura prismatica cellulis angulatis, 10–22 x 4–9  $\mu\text{m}$  magnis, tenuiter tunicatis, hyalinis, non dextrinoideis, marginem versus angustioribus. *Hypothecium* ex hyphis cylindratis, 1.5–2  $\mu\text{m}$  crassis. *Pili* in superficie excipuli margineque in aqua distincte sed subtilissime granulato-incrustati, cylindratis usque oblongo-clavati, hyalini, tenuiter tunicati, 0–2-septati, 24–35 x 2.5–6  $\mu\text{m}$  (in apice), in solutione Melzeri nudi. *Asci* 35–40 x 4–5  $\mu\text{m}$ , cylindratis, poro minuto (c. 0.5  $\mu\text{m}$  diam.) tantum post vim KOH in solutione Melzeri distincte amyloideo, 8-spore, sporis distichis. *Paraphyses* anguste lanceolatae, 1.5–2.5  $\mu\text{m}$  crassae, obtusae, ascos 5–10  $\mu\text{m}$  superantes. *Ascospores* 4–7 x 1.5–2  $\mu\text{m}$ , inaequaliter oblongae, polis obtuse angustatis, eguttulatae, hyalinae. – (**Holotypus** in UPS).

**FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES**

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**3452. *Fuscolachnum inopinatum* (Kirschst.) Haines**

Mem. New York Bot. Gard. 49 p. 319 (1989). – Syn.: *Lachnella inopinata* Kirschst., Ann. Mycol. 36 p. 383 (1938). *Dasycephus inopinus* L. & K. Holm, Karstenia 21 p. 60 (1981).

On dead *Lycopodium annotinum*.

HÄRJEDALEN: Tännäs parish, Mt Funäsdalsberget, near the summit, upper part of subalpine belt.

16.VII.1948 L. Holm

First Swedish find of this overlooked species.

**FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES**

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**3453. *Hamatocanthoscypha uncipila* (Le Gal) Huhtinen**

Karstenia 29(2) p. 201 (1990)('1989'). – Syn.: *Hyaloscypha uncipila* Le Gal, Bull. Soc. Mycol. Fr. 70 p. 214 (1955) ('1954').

On the bark of cut branches of spruce, lying in a moist situation.

SMÅLAND: Femsjö parish, 'Stenekullarna' E of Kulkagölen.

8.X.1939 S. Lundell  
det. A. Raitviir 1992

First Swedish record. The species is distributed also as no. 3454.

**FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES**

Ed. cur. L. Holm et J.A. Nannfeldt (†)

**3454. *Hamatocanthoscypha uncipila* (Le Gal) Huhtinen**

On bark of spruce logs, lying on the ground in a moist situation.

SMÅLAND: Almesåkra parish, c. 300 m E of Södratorp.

21.X.1947 G. Haglund & S. Lundell  
det. A. Raitviir 1992

*Apothecia* almost hyaline (due to deficiency of light?). – J.A.N.  
This species, also from Småland, is distributed as no. 3453.

**FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES**

Ed. cur. L. Holm et J.A. Nannfeldt (†)

**3455. *Hyaloscypha vitreola* (Karst.) Boudier**

Bull. Soc. Mycol. Fr. 1 p. 118 (1885) (n.v.). – Syn.: *Peziza vitreola* Karst., Not. Sällsk. Fauna Fl. Fenn. Förh. 10 p. 180 (1869).

On the underside of a very rotten birch trunk.

SMÅLAND: Femsjö parish, SW slope of Bösseberget.

23.VIII.1943 S. Lundell

**FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES**

Ed. cur. L. Holm et J.A. Nannfeldt (†)

**3456. Lachnellula Pini** (Brunch.) Dennis

Persoonia 2 p. 184 (1962). – Syn. *Lachnella pini* Brunchorst, Bergens Mus. Aarbog 1892 No. 8 p. 8. *Dasyscypha fusc sanguinea* Rehm sensu Lagerberg, Skogsvårdsför. Tidskr. 1912, pp. 137–148.

On twigs and needles of dead, small pines.

DALARNA: Sundborn parish, Näst fäbodrar.

20.V.1975

K. & L. Holm (no. 557)

**FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES**

Ed. cur. L. Holm et J.A. Nannfeldt (†)

**3457. Lachnum albidroseum** (Rehm) Nannf. in H. Syd.

Ann. Mycol. 34 p. 397 (1936). – Syn. *Pezizella albidroseum* Rehm, Disc.-Fl. p. 682 (1892). *Dasyscypha albidrosea* Dennis, Mycol. Papers 32 p. 30 (1949).

On last year's stems of *Scirpus lacustris*, lying on the ground in a moist situation.

SMÅLAND: Femsjö parish, N shore of Lake Stensjön.

12.IX.1939

S. Lundell & T. Nathorst-Windahl

**FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES**

Ed. cur. L. Holm et J.A. Nannfeldt (†)

**3458. Lachnum calycioides** (Rehm) Rehm

Disc.-Fl. p. 909 (1893). – Syn.: *Dasyscypha calycioides* Rehm, Ber. Naturh. Ver. Augsburg 26 p. 42 (1881).

On last year's culms of *Juncus filiformis*.

VÄSTERBOTTEN: Lövvånger parish, Krekånger.

29.VII.1946

L. Holm (no. 332)

The same species, on *Juncus trifidus* from Jämtland, was distributed as no. 2378 (*Dasyscypha c.*).

**FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES**

Ed. cur. L. Holm et J.A. Nannfeldt (†)

**3459. Lachnum Eriophori** (Quél.) Rehm

Disc.-Fl. p. 883 (1893). – Syn.: *Erinella eriophori* Quél., Champ. Jura et Vosges, Suppl. 10 p. 12 (1880). *Dasyscypha Eriophori* Sacc., Syll. Fung. 8 p. 448 (1889).

On dead leaves of *Eriophorum angustifolium*.

VÄSTERBOTTEN: Lövvånger parish, Krekånger, meadow by the sea.

10.VIII.1947

L. Holm (no. 855)

**FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES**

Ed. cur. L. Holm et J.A. Nannfeldt (†)

**3460. Lachnum eriophoricola** Nannf. nom. nov.

Syn.: *Pyrenopeziza eriophori* E. Müll., Beitr. Krypt.-Fl. Schweiz 15 (1) p. 58 (1977), non *Lachnum Eriophori* (Quél.) Rehm.

In the withering leaf apices of living *Eriophorum angustifolium*.

TORNE LAPPMARK: Jukkasjärvi parish, Abisko, near the Scientific Station.

6.VIII.1946

L. Holm (no. 380)

This conspicuous fungi is obviously rare; to the best of our knowledge it has not been recorded since first described, from the Swiss Alps. – J.A.N. & L.H.

**FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES**

Ed. cur. L. Holm et J.A. Nannfeldt (†)

**3461. Lachnum fasciculare** Vel.

Monogr. Disc. Bohem. p. 247 (1934).

On dead branches of *Crataegus* sp., lying on the ground in a moist situation.

VÄSTERGÖTLAND: Göteborg, St. Änggården, 'Naturparken'.

6.VI.1939

S. Lundell & T. Nathorst-Windahl

So far the only Swedish find of this very rare and most characteristic species. – J.A.N.

## FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

Ed. cur. L. Holm et J.A. Nannfeldt (†)

3462. *Lachnum gracillimum* Raitviir n. sp. IsotypeOn dead leaves of *Carex elata*.

UPPLAND: Uppsala, (Bondkyrko parish), Ultuna, 'Gälbo åsgrop'.

13.VII.1939

S. Lundell

*Apothecia* stipitata, cupulata, albida, 0.15–0.25 mm in diametro, extus longe pilosa. *Pili* conici, hyalini, verrucosi, tenuiter tunicati, 5–7-septati, 80–120 x 3–4.5  $\mu$ m. *Excipulum* ectale ex cellulis hyalinis tenuiter tunicatis 10–16 x 5–7  $\mu$ m compositur. *Asci* cylindraceo-clavati, non uncinati, poro iodo coerulescenti, biseriati vel oblique uniseriati, 35–45 x 3.5–4.5  $\mu$ m. *Ascosporeae* anguste fusoidae, hyalinae, aseptatae, 9–12 x 1.2–1.8  $\mu$ m. *Paraphyses* lanceolatae, aseptatae, guttulate, ascos 10–15  $\mu$ m superantes, 3–4  $\mu$ m in diametro. Ad folia sicca Caricis crescit. *Lachno castanaeicola* (Graddon) Galan similis, pilis, ascis brevis et substrato differt. – (**Holotypus** in UPS.)

*Apothecia* scattered on leaf blades, stipitate. *Stipe* cylindrical, long, slender, equalling in length to the diameter of disc, pure white when fresh, whitish to pale ochraceous when dry, almost naked, 0.2 x 0.05 mm. *Disc* 0.15–0.25 mm in diameter, pure white when fresh, remaining white when dry. *Receptacle* deeply cupulate to cupulate, pure white, covered particularly at the margin with long straight white hairs. *Ectal excipulum* thin and delicate consisting of a few layers of hyaline, thin-walled prismatic cells 10–16 x 5–7  $\mu$ m. *Medullary excipulum* consisting of textura intricata. *Hairs* conical with quite sharply pointed more rarely rounded tip, hyaline, thin-walled, all over finely rough, 80–120  $\mu$ m long, 3.5–4.5  $\mu$ m wide at the base and 1–2  $\mu$ m at the apex, 5–7-septate; septation in basal part more dense than in apical part of hairs. *Asci* cylindric – clavate, 35–45 x 3.5–4.5  $\mu$ m, arising from simple septa, apical pore blue in MLZ, 8-spored with biseriata or obliquely uniseriate arrangement of the spores. *Ascospores* narrowly fusoid sometimes slightly inequilateral to curved, hyaline, aseptate, eguttulate, 9–12 x 1.2–1.8  $\mu$ m. *Paraphyses* lanceolate, aseptate, containing numerous oil globules, exceeding the asci 10–15  $\mu$ m, 3–4  $\mu$ m in diameter. On fallen leaves of *Carex elata*.

This species with very gracile and elegant apothecia bearing radiating long hairs resembles most closely *Lachnum castaneicola* (Graddon) Galan but differs from it in shorter and more pointed hairs, shorter asci, absence of croziers and substrate. – A. Raitviir 1992.

## FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

Ed. cur. L. Holm et J.A. Nannfeldt (†)

3463. *Lachnum Grevillei* (Berk.) Nannf. n. comb. var. *sporis longis*

Basionym: *Peziza Grevillii* (sic) Berk., British Fungi p. 198 (1836). *Dasyscypha Grevillei* Masee, British Fung. Fl. 4 p. 359 (1895). *Lachnum brevopilum* (Höhn.) Nannf., Nova Acta Reg. Soc. Sci. Upsal. ser. 4. 8(2) p. 262 (1932).

On dead stems of *Chelidonium majus*.

UPPSALA: Uppsala (Bondkyrko parish), Ultuna, 'Gälbo åsgrop'.

1. 17.VI.1938

S. Lundell

2. 1.XI.1938

S. Lundell

By relatively long hairs, asci, and spores, these collections tend towards *Peziza tenuicola* Karst. (compare Dennis, Mycol. Pap. 62 p. 193, 1956). – J.A.N. The species was distributed earlier, on some other hosts, as nos 390 a & b, 1170 and 1171 a & b (*Lachnum brevopilum*).

## FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

Ed. cur. L. Holm et J.A. Nannfeldt (†)

3464. *Lachnum nudipes* (Fuckel) Nannf.

Svensk Bot. Tidskr. 22 p. 124 (1928). – Syn.: *Peziza nudipes* Fuckel, Symb. Mycol. p. 306 (1870).

On last year's stems of *Chamaenerion (Epilobium) angustifolium*.

1. UPPLAND: Uppsala, Stadsskogen, near Polacksbacken.

11.VI.1935

S. Lundell

2. UPPLAND: Uppsala, Ultuna, 'Gälbo åsgrop'.

17.VI.1938

S. Lundell

The two collections on *Chamaenerion* distributed here represent a fungus not uncommon on that plant in Sweden and once reported by me (l.c.) under the erroneous name *Lachnum niveum* Rehm. It belongs to the *Lachnum nudipes*-complex and may pass under that name until the complex is critically revised. – J.A.N.

**FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES**

Ed. cur. L. Holm et J.A. Nannfeldt (†)

**3465. Lachnum Salicariae** (Rehm) Nannf. n. comb.

Basionym: *Dasyscypha Salicariae* Rehm, Disc.-Fl. p. 851 (1893).

On last year's stems of *Lythrum salicaria*.

ÖSTERGÖTLAND: Gryt parish, Säterön, c. 1 km SSE of the parish church.

23.VII.1957

J.A. Nannfeldt (no. 15100)

Only Swedish find of this little collected species. – J.A.N.

**FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES**

Ed. cur. L. Holm et J.A. Nannfeldt (†)

**3466. Lachnum virgineum** (Batsch:Fr.) Karst.

Bidr. Känn. Finl. Natur Folk 19 (= Mycol. Fenn. 1) p. 169 (1871). – Syn.: *Peziza virginea* Batsch: Fr., Syst. Mycol. 2 p. 90 (1822); Batsch, Elench. Fung. col. 125 (1783). *Dasyscypha virginea* Fuckel, Symb. Mycol. p. 305 (1870).

On dead, broken, and buried twigs of *Caluna vulgaris*.

SMÅLAND: Femsjö parish, Källenäset.

9.X.1940

S. Lundell

*L. virgineum* is here taken in its broad traditional sense. A strongly needed critical revision will certainly relegate the collections distributed here (nos 3466–3470) to different, in part new species. – J.A.N.

**FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES**

Ed. cur. L. Holm et J.A. Nannfeldt (†)

**3467. Lachnum virgineum** (Batsch:Fr.) Karst.

On fallen, buried cupules of *Fagus sylvatica*.

SMÅLAND: Kärda parish, 'Källunda bokhult'

26.V.1944

S. Lundell

*L. virgineum* is here taken in its broad traditional sense. A strongly needed critical revision will certainly relegate the collections distributed here (nos 3466–3470) to different, in part new species. The present collection corresponds evidently to *Peziza virginea* β *carpopbila* Pers. – J.A.N.

**FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES**

Ed. cur. L. Holm et J.A. Nannfeldt (†)

**3468. Lachnum virgineum** (Batsch:Fr.) Karst.

On old heaped-up shingles of aspen wood.

UPPLAND: Börje parish, 'Klista skog'

18.VI.1946

S. Lundell

*L. virgineum* is here taken in its broad traditional sense. A strongly needed critical revision will certainly relegate the collections distributed here (nos 3466–3470) to different, in part new species. The present collection deviates by very narrow paraphyses and narrow spores. – J.A.N.



**FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES**

Ed. cur. L. Holm et J.A. Nannfeldt (†)

**3469. *Lachnum virgineum* (Batsch:Fr.) Karst.**

On rotten wood of aspen.

UPPLAND: Jumkil parish, just W of Fågelbo.

16.V.1963

N. Lundqvist (no. 3819)

*L. virgineum* is here taken in its broad traditional sense. A strongly needed critical revision will certainly relegate the collections distributed here (nos 3466–3470) to different, in part new species. This collection deviates from ‘typical’ *L. virgineum* by rather short hairs, small spores (6–7 x 2 µm) and narrow, hardly lanceolate paraphyses. – J.A.N.

**FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES**

Ed. cur. L. Holm et J.A. Nannfeldt (†)

**3470. *Lachnum virgineum* (Batsch:Fr.) Karst.**

On fallen, last year’s catkins of *Alnus glutinosa*.

GÄSTRIKLAND: Gävle, Lövudden, on the banks of the River Gavleån.

22.VI.1956

J.A. Nannfeldt (no. 14325)

*L. virgineum* is here taken in its broad traditional sense. A strongly needed critical revision will certainly relegate the collections distributed here (nos 3466–3470) to different, in part new species. – J.A.N.

**FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES**

Ed. cur. L. Holm et J.A. Nannfeldt (†)

**3471. *Lachnum washingtonense* (Dennis) Nannf. n. comb.**

Basionym: *Dasyscypha washingtonensis* Dennis, Kew Bull. 17 p. 377 (1963).

On petioles of last year’s *Athyrium filix-femina*.

SMÅLAND: Kärda parish, ‘Källunda bokhult’.

23.V.1944

S. Lundell

Not reported from Sweden before. The collection agrees excellently with the descriptions by Dennis (l.c.) and Bøhler (Norw. J. Bot. 21 pp. 88–89, 1974). The hairs are up to 120 x 4 µm, thus longer and broader than those found by Bøhler. The species was described from *Pteridium*, and Bøhler found it to be common in spring on *Dryopteris dilatata* (but on no other fern). – J.A.N.

**FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES**

Ed. cur. L. Holm et J.A. Nannfeldt (†)

**3472. *Perrotia flammea* (Alb. & Schw.:Fr.) Boud.**

Hist. Class. Disc. d’Europe p. 66 (1907). – Syn.: *Peziza flammea* Alb. & Schw.:Fr., Syst. Mycol. 2 p. 96 (1822); Alb. & Schw., Conspect. Fung. Lusat. Sup. p. 319 (1805).

On dead branches of cultivated *Ligustrum vulgare*, in a hedge.

UPPLAND: Funbo parish, Storudden.

5.V.1973

E. Åberg

The same species, on *Malus* and *Pyrus*, from Gotland, was distributed as no. 960.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

Ed. cur. L. Holm et J.A. Nannfeldt (†)

3473. *Phialina puberula* (Lasch) Dennis var. *Epilobii* Raitv. n. var.

Isotype

On last year's stems of *Chamaenerion* (*Epilobium*) *angustifolium*.

UPPLAND: Danmark parish, 'Hammarby skog'.

19.IX.1938

S. Lundell

*Phialina puberula* (Lasch) Dennis var. *puberulae* similis, ascis octosporis longis 40–50 x 5–6.5  $\mu\text{m}$  differt. – (**Holotypus** in UPS).

The typical *Phialina puberula* (Lasch) Dennis was recently described in detail by Huhtinen in *Karstenia* 29(2): 229 (1990) and this collection corresponds to it in all characters except of asci. The type variety has 4-spored asci, 23–39(–40) x 4.6–5.8(–6.8)  $\mu\text{m}$ . In my opinion it is worth of varietal rank. – A. Raitviir 1992.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

Ed. cur. L. Holm et J.A. Nannfeldt (†)

3474. *Polydesmia pruinosa* (Jerdon) Boudier

Hist. Class. Disc. d'Europe p. 100 (1907). – Syn.: *Helotium pruinosum* Jerdon apud Berk. & Broome, *Ann. Mag. Nat. Hist.* ser. 3.18 p. 127 (1866).

On old *Diatrype stigma*, on decaying branch of birch.

UPPLAND: Gamla Uppsala parish, grove near Ekeby.

27.IX.1987

N. Lundqvist (no. 17035)

This species was distributed from Småland as no. 1392 and from Gästrikland as no. 2593.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

Ed. cur. L. Holm et J.A. Nannfeldt (†)

3475. *Trichopezizella Myricae* (Karst.) K. & L. Holm

*Nord. J. Bot.* 11 p. 678 (1991). – Syn.: *Godronia Myricae* Karst., *Hedwigia* 23 p. 5 (1884).

On dead branches of *Myrica gale*.

DALARNA: Sundborn parish, between Lake Långtjärn and the road Karlsbyheden – Korsån.

18.VII.1978

K. & L. Holm (no. 1430a)

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

Ed. cur. L. Holm et J.A. Nannfeldt (†)

3476. *Trichopezizella nidulus* (Schmidt & Kunze:Fr.) Raitv.

*Scripta Mycol.* (Tartu) 1 p. 59 (1970). – Syn.: *Peziza nidulus* Schmidt & Kunze:Fr., *Syst. Mycol.* 2 p. 104 (1822); Schmidt & Kunze, *Deutschl. Schwämme* 3 p. 6 (1816). *Lachnum nidulus* Karst., *Bidr. Känn. Finl. Natur Folk* 19 (= *Mycol. Fenn.* 1) p. 181 (1871).

On last year's stems of *Polygonatum multiflorum*.

VÄSTERGÖTLAND: Istrum parish, the nature-reserve between Lake Ämten and Lake Flämsjön.

19.V.1979

K. & L. Holm (no. 1680a)

This species, on *P. verticillatum* from Jämtland, is distributed as no. 3477.

## FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

Ed. cur. L. Holm et J.A. Nannfeldt (†)

**3477. Trichopezizella nidulus** (Schmidt & Kunze:Fr.) Raitv.On last year's stems of *Polygonatum verticillatum*.

JÄMTLAND: Åre parish, Handöl, ravine W of the River Handölan, just below the suspension bridge.

24.VII.1951

J.A. Nannfeldt (no. 11555)

The same species, on *P. multiflorum* from Västergötland, is distributed as no. 3476.

## FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

Ed. cur. L. Holm et J.A. Nannfeldt (†)

**3478. Unguicularia scrupulosa** (Karst.) v. Höhn.Sitzungsber. Akad. Wiss. Wien, Mat.-nat. Kl., Abt. 1, Bd 118 p. 391 (1909). – Syn.: *Peziza scrupulosa* Karst., Fungi Fenn. exs. no. 648 (1867).On dead canes of *Rubus idaeus*.

GÄSTRIKLAND: Gävle, Lövudden.

26.VI.1947

J.A. Nannfeldt (no. 9217)

The same species, from Uppland, was distributed as no. 281 a &amp; b.

## FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

Ed. cur. L. Holm et J.A. Nannfeldt (†)

**3479. Unguiculella nectriiphila** Svrček n. sp.

Isotype

On dead branches of *Salix* cfr *caprea*, lying on the ground, mostly associated with *Nectria coryli*.

UPPLAND: Dalby parish, mixed forest c. 650 m SSE of 'Jerusalem'.

2.III.1991

K. &amp; L. Holm (no. 5627a)

*Apothecia* 0.3–0.8 mm diam., gregaria usque fasciculata, globosa, hemisphaerica, denique patellaria, sicca subclausa (rima angusta, oblonga vel triangularia), extus obscure cinereobrunnea vel umbrina, praesertim zona marginali dense albo vel cinereoalbo pulveraceo-pruinosa, parte inferiori subfibrillosa, disco obscure cinereobrunneo. *Excipulum* rubrobrunneum (tinctu rubro distincto), cellulis basalibus globosis vel subangulatis, usque ad 12  $\mu\text{m}$  diam., crasse tunicatis, hyphis superficialibus membranibus vivide rubro- vel ferrugineobrunneo coloratis, cylindratis, 3–5  $\mu\text{m}$  crassis, crasse tunicatis, vi solutione alcalino (KOH vel NH<sub>4</sub>OH) dextrinoideo. *Pili* 25–40 x 2.5–4.5  $\mu\text{m}$ , oblongo-fusiformes vel anguste lageniformes, apicibus distincte curvatis usque uncinato-curvatis, 0.8–1.5  $\mu\text{m}$  crassis, rare subrectis, flexuosis, crasse tunicati, unicellulares, hyalini, non dextrinoidei. *Asci* 25–35 x 5–6  $\mu\text{m}$ , cylindratis, apice rotundati, deorsum crasse breviterque stipitati, non uncinati, poro non amyloideo, 8-spori. *Paraphyses* filiformes, 1.5–2  $\mu\text{m}$  crassae, obtusae, non dilatatae, rectae, hyalinae, ascis aequilongae. *Ascospores* 16.5–9.5 x 1.5–2  $\mu\text{m}$ , oblongae, polis obtusis, subcurvatae, biguttulatae, hyalinae. – (Holotypus in UPS). – M. Svrček 1992.

## FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

Ed. cur. L. Holm et J.A. Nannfeldt (†)

**3480. Urceolella carestiana** (Rbh.) DennisKew Bull. 17 p. 335 (1968). – Syn.: *Peziza carestiana* Rbh., F. Eur. no. 913 (1866).On dead petioles of *Athyrium filix-femina*.

GÄSTRIKLAND: Gävle, Tolfforskoggen, c. 300 m NNW of the manor of Tolffors.

29.VI.1951

J.A. Nannfeldt (no. 11467)

The same species, from Uppland, was distributed as no. 280 a & b (*Unguicularia* c.)

**FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES**

Ed. cur. L. Holm et J.A. Nannfeldt (†)

**3481. *Coccomyces Juniperi* Karst.**

Bidr. Känn. Finl. Natur Folk 19 (= Mycol. Fenn. 1) p. 254 (1871). – Syn.: *Colpoma Juniperi* Dennis, Kew Bull. 1957 p. 401. *Clithris Juniperi* Rehm, Disc.-Fl. p. 102 (1888).

On juniper twigs.

LYCKSELE LAPPMARK: Tärna parish, Umfors, regio subalp., c. 600 m.s.m.

10.IX.1961

L. Holm

*Tremella Juniperi* Karst. occurs on some old stromata, cfr Torkelsen, Bot. Notiser 131: 435–438, 1978. – L.H.

**FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES**

Ed. cur. L. Holm et J.A. Nannfeldt (†)

**3482. *Duplicaria Empetri* (Fr.:Fr.) Fuckel**

Symb. Mycol. p. 265 (1871). – Syn.: *Xyloma Empetri* Wrangel ex Fr., Obs. Mycol. 2 p. 363 (1818). *Rhytisma Empetri* Fr.:Fr., Elench. Fung. 2 p. 127 (1828).

On dead leaves of *Empetrum hermaphroditum*.

HÄRJEDALEN: Tännäs parish, SW slope of Mt Funäsdalsberget, in spruce forest.

10.X.1965

I. Nordin (no. 3397)

*Sphaeria Empetri* Pers.:Fr., Syst. Mycol. 2: 522 (1823) may be a taxonomic synonym, but is not a nomenclatural one. – L.H.

**FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES**

Ed. cur. L. Holm et J.A. Nannfeldt (†)

**3483. *Hypodermella macrospora* (Hartig) Lagerb.**

Meddel. Stat. Skogsförsöksanst. 7 p. 148 (1910). – Syn.: *Hysterium (Hypoderma) macrosporum* Hartig, Wicht. Krankh. Waldbäume p. 101 (1874).

On needles of *Picea abies*, which were still attached.

JÄMTLAND: Åre parish, Handöl, close to the water fall.

27.VII.1950

L. Holm

This species, from Uppland, was distributed as no. 380.

**FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES**

Ed. cur. L. Holm et J.A. Nannfeldt (†)

**3484. *Lophodermium airarum* (Fr.) Hilitzer**

Véd. spisy vyd. Česk. Akad. Zeměd. 3 p. 94 (1929). – Syn.: *Hysterium culmigenum* c. *Airarum* Fr., Syst. Mycol. 2 p. 591 (1823).

On last year's culms of *Deschampsia flexuosa*.

SMÅLAND: Kärda parish, at the western edge of the wood 'Källunda bokhult'.

31.V. & 17.VII.1944

S. Lundell

The same species, from Uppland, was issued as no. 971.

**FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES**

Ed. cur. L. Holm et J.A. Nannfeldt (†)

**3485. *Lophodermium apiculatum* (Wormskj. ap. Fr.) Sacc.**

Syll. Fung. 2 p. 797 (1883). – Syn.: *Hysterium apiculatum* Wormskj. ap. Fr., Syst. Mycol. 2 p. 593 (1823).

On last year's leaves of *Calamagrostis purpurea*.

JÄMTLAND: Åre parish, Handöl, c. 1 km towards Brännan.

2.VIII.1951

J.A. Nannfeldt (no. 11663a)

Asci 85–100 x 9–12  $\mu\text{m}$ . Spores 50–60 x 1.5  $\mu\text{m}$ . – In accordance with Hilitzer (Věd. spisy vyd. Česk. Akad. Zeměd. 3. 1929) and later authors this taxon on *Calamagrostis* has been called *L. apiculatum*, but it is most doubtful whether it is the original *Hysterium apiculatum*, growing 'in foliis graminum.... in Kamtschatka'. – J.A.N.

The same species, on *C. arundinacea* from Uppland, was distributed as no. 972.

**FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES**

Ed. cur. L. Holm et J.A. Nannfeldt (†)

**3486a. *Lophodermium arundinaceum* (Schrad.:Fr.) Chev. coll.**

Fl. gén. env. Paris 1 p. 435 (1826). – Syn.: *Hysterium arundinaceum* Schrad.:Fr., Syst. Mycol. 2 p. 590 (1823); Schrad., Journal für Botanik 2 p. 68 (1799).

On last year's culms of *Agropyron repens*.

UPPLAND: Uppsala, the military drill-ground, margin of ditch.

16.VII.1936

S. Lundell

This species, on *Phragmites*, was distributed as no. 381.

**FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES**

Ed. cur. L. Holm et J.A. Nannfeldt (†)

**3486b. *Lophodermium arundinaceum* (Schrad.:Fr.) Chev.**

On last year's culms of *Agropyron repens*.

UPPLAND: Uppsala, 'Sandgropen'.

10.VII.1939

S. Lundell

**FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES**

Ed. cur. L. Holm et J.A. Nannfeldt (†)

**3486c. *Lophodermium arundinaceum* (Schrad.:Fr.) Chev.**

On last year's culms of *Agropyron repens*.

UPPLAND: Gamla Uppsala parish, close to the ancient mounds.

13.VI.1944

S. Lundell

**FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES**

Ed. cur. L. Holm et J.A. Nannfeldt (†)

**3487. *Lophodermium arundinaceum* (Schrad.:Fr.) Chev. coll.**

On dry leaves of *Elymus arenarius*.

VÄSTERBOTTEN: Lövvånger parish, Avan, seashore.

29.VII.1946

L. Holm (no. 330)

Asci 110–130 x 15–16  $\mu\text{m}$ . Spores 60–65 x 2  $\mu\text{m}$ , with a thin but distinct slime coat. There is no valid name for this characteristic taxon, first observed (from Iceland) by Fries and listed in Syst. Mycol. 2:591 as *Hysterium culmigenum* b. *Elymonum* (nom. nud.) – J.A.N.

*L. arundinaceum*, in a wide sense, is also distributed as nos 381 (*Phragmites*, the type host) and 3486 a–c (*Agropyron repens*).

## FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

Ed. cur. L. Holm et J.A. Nannfeldt (†)

**3488. Lophodermium Aucupariae** (Schleich.) Darter

Can. J. Bot. 45 p. 1430 (1967). – Syn.: *Hysterium Aucupariae* Schleich., Pl. Crypt. Helv., Cent. 4 no. 63 (1806) (n.v.). *Lophodermium tumidum* sensu Rehm et auct. plur., non *Hysterium tumidum* Fr.

On last year's petioles of *Sorbus aucuparia*.

UPPLAND: Uppsala (Bondkyrko parish), c. 600 m N of the Flottsund bridge, eastern slope of the esker 'Sunnerstaåsen'.

31.VII.1942

S. Lundell

## FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

Ed. cur. L. Holm et J.A. Nannfeldt (†)

**3489. Lophodermium Paeoniae** Rehm ap. Vestergren

Bot. Notiser 1897 p. 259.

On last year's stems of cultivated *Paeonia lactiflora*.

UPPLAND: Funbo parish, Storudden.

11.V.1943

E. Åberg

The same species, from Gästrikland, was distributed as no. 384.

## FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

Ed. cur. L. Holm et J.A. Nannfeldt (†)

**3490. Lophodermium seriatum** (Lib.) De Not.

Giorn. Bot. Ital. 2(2) p. 47 (1847). – Syn.: *Hysterium seriatum* Lib., Pl. Crypt. Ard. no. 371 (1837)(n.v.).

On living or withered leaves of *Festuca silvatica*.

VÄSTERGÖTLAND: Västra Tunhem parish, western slope of Mt Halleberg.

6.IX.1892

A.G. Eliasson

## FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

Ed. cur. L. Holm et J.A. Nannfeldt (†)

**3491. Lophodermium versicolor** (Wahlenb.:Fr.) Rehm

Disc.-Fl. p. 48(1887). – Syn. *Hysterium versicolor* Wahlenb.:Fr., Syst. Mycol. 2 p. 592 (1823); Wahlenb., Fl. Lapp. p. 522 (1812).

On dead, overwintered leaves of *Salix phylicifolia*.

TORNE LAPPMARK: Jukkasjärvi parish, Abisko, Njakatjavelk, just N of Vuolep Njakajaure.

19.VI.1948

A. Pilat &amp; J.A. Nannfeldt (no.9796)

## FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

Ed. cur. L. Holm et J.A. Nannfeldt (†)

**3492. Rhytisma acerinum** (Pers.)Fr.:Fr.

Syst. Mycol. 2 p. 569 (1823); Persoon, Tent. Disp. Meth. Fung. p. 5 (1797) ut *Xyloma acerinum*.

On dead overwintered leaves of *Acer platanoides*.

UPPLAND: Dalby parish, 'Jerusalem'.

4.V.1989

K. &amp; L. Holm (no. 5427)

The same species, from Värmland, was distributed as no. 976.

## FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

Ed. cur. L. Holm et J.A. Nannfeldt (†)

**3493. Rhytisma Andromedae** (Pers.) Fr.:Fr.

Syst. Mycol. 2 p. 567 (1823); K. Svenska Vetensk.Akad. Handl. 1819 p. 104. – Syn.: *Xyloma Andromedae* Pers., Syn. Meth. Fung. p. 104 (1801).

On living or withering leaves of *Andromeda polifolia*.

ÖSTERGÖTLAND: V. Tollstad parish, Dagsmosse.

1.VII.1948

R. Santesson &amp; H. Smith

**FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES**

Ed. cur. L. Holm et J.A. Nannfeldt (†)

**3494. Rhytisma salicinum** (Pers.) Fr.:Fr. (stat. juv.)

Syst. Mycol. 2 p. 568 (1823); K. Svenska Vetensk.Akad. Handl. 1819 p. 104. – Syn.: *Xyloma salicinum* Pers., Disp. Meth. Fung. p. 5 (1797).

On living leaves of *Salix caprea*.

BOHUSLÄN: Valla parish, Svanvik Mellangård, forest edge.

29.VIII.1987

I. Nordin (no. 10260)

The same species, on *Salix myrsinifolia*, is also distributed as no. 3495 and on *Salix repens* as no. 3496.

**FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES**

Ed. cur. L. Holm et J.A. Nannfeldt (†)

**3495. Rhytisma salicinum** (Pers.) Fr.:Fr. (stat. juv.)

On living leaves of *Salix myrsinifolia*.

JÄMTLAND: Kall parish, close to 'Anjans Fjällstation'.

11.VIII.1942

J.A. Nannfeldt (no. 5964)

The same species, on *Salix caprea*, is also distributed as no. 3494 and, on *S. repens*, as no. 3496.

**FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES**

Ed. cur. L. Holm et J.A. Nannfeldt (†)

**3496. Rhytisma salicinum** (Pers.) Fr.:Fr. (stat. juv.)

On living or withering leaves of *Salix repens*.

BOHUSLÄN: Marstrand, Koön, the northern part.

8.VIII.1945

J.A. Nannfeldt (no. 7921)

This species, on *Salix caprea*, is also distributed as no. 3494 and, on *S. myrsinifolia*, as no. 3495.

**FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES**

Ed. cur. L. Holm et J.A. Nannfeldt (†)

**3497. Phacidium infestans** Karst.

Hedwigia 25 p. 232 (1886).

On dead needles, attached to lower branches of *Pinus contorta* (planted in 1963).

VÄSTERBOTTEN: Degerfors parish, Kulbäcksliden, Holmmyr-brännan.

17.X.1975

M. Karlman

**FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES**

Ed. cur. L. Holm et J.A. Nannfeldt (†)

**3498. Therrya Fuckelii** (Rehm) Kujala

Comm. Inst. Forest. Fenn. 38. 1 p. 48 (1950). – Syn.: *Coccophacidium Pini* var. *Fuckelii* Rehm, Disc.-Fl. p. 99 (1888).

In the bark of old branches of pine.

JÄMTLAND: Åre parish, Enafors, beside the path to Mt Snasa-högarna, by the brook 'Brattåsbäcken'.

3.IX.1963

L. Holm

**FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES**

Ed. cur. L. Holm et J.A. Nannfeldt (†)

**3499. Stictis radiata** (L.) Pers.:Fr.

Syst. Mycol. 2 p. 194 (1822); Pers., Obs. Mycol. 2 p. 73 (1799). – Syn.: *Lycoperdon radiatum* L., Spec. Pl. ed. 2. 2 p. 1654 (1763).

On dead branches of *Viburnum opulus*.

GOTLAND: Hangvar parish, Suderbys.

10.XI.1896

M. Romell (Herb. Romell no. 16811)

## FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

Ed. cur. L. Holm et J.A. Nannfeldt (†)

3500. *Mitrophora semilibera* (DC.:Fr.) Lév.Ann. Sci. Nat. Bot. ser. 3. 5 p. 250 (1846). – Syn.: *Morchella semilibera* DC.:Fr., Syst. Mycol. 2 p. 10 (1822); DC., Fl. Franç. ed. 3. 2 p. 212 (1805).On the ground in rich frondose wood, mainly of *Ulmus carpinifolia*.

ÖLAND: Kastlösa parish, 'Västerstads almskog'.

2.V.1989

K.J. &amp; A. Bohlin (no. 1327)

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