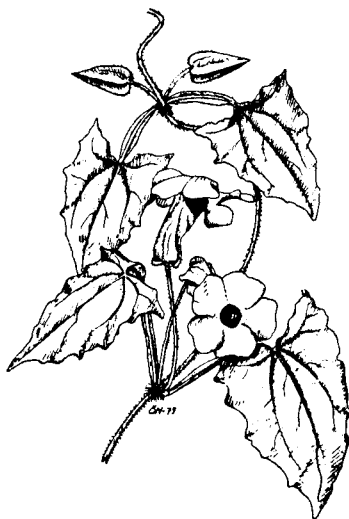


THUNBERGIA

10



FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

Mandatu Collegii ex Elia Friesio nominati
edendos curaverunt

L. HOLM et J. A. NANNFELDT (†)

Fasc. 67 (n. 3301 - 3350)

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.

References abbreviated according to Stafleu & Cowan, *Taxonomic Literature*. 2nd Ed., 1976-1988.

Editor: Roland Moberg

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Uppsala University
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FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3301. Geoglossum arenarium (Rostr.) Lloyd

Mycol. Writings 5: The Geoglossaceae p. 8 (1916). - Syn.: *Microglossum arenarium* Rostr., Bot. Tidsskr. 18 p. 76 (1892). *Corynetes arenarius* Durand, Ann. Mycol. 6 p. 417 (1908). *Thuemenidium arenarium* Korf, Nord. J. Bot. 2 p. 152 (1982).

In sandy heath amongst *Empetrum*.

VÄSTERBOTTEN: Sävar parish, Långviksskatan.

22.X.1980

J. Nitare

This collection was published by Nitare in his study on the ecology and Scandinavian distribution of the species (Svensk Bot. Tidskr. 76 pp. 349-357 (1982)).

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3302. Geoglossum simile Peck

Bull. Buff. Soc. Nat. Sci. 1 p. 70 (1873).

In a ditched swampy forest.

NÄRKE: Sköllersta parish, c. 1 km S. of Hälla.

6.IX.1964

N. Hakelier

This species is obviously very rare in Europe but has been found by Hakelier in five localities in Sweden (Svensk Bot. Tidskr. 58 p. 341 (1964). - J. A. N.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3303. Microglossum viride (J.F. Gmelin: Fr.) Gillet

Champ. France, Disc. p. 26 (1879). - Syn.: *Geoglossum viride* J.F. Gmelin: Fr., Syst. Mycol. 1 p. 489 (1821). *Clavaria viridis*, J.F. Gmelin, Linn. Syst. Nat. ed. 13, 2(2) p. 1443 (1792).

HALLAND: Fjärås parish, Fagered.

5.IX.1965

F. Karlvall

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3304. Trichoglossum hirsutum (Pers.: Fr.) Boud.

Hist. Class. Disc. d'Europe p. 86 (1907). - Syn.: *Geoglossum hirsutum* Pers.: Fr., Syst. Mycol. 2 p. 488 (1821); Pers., Comm. Fung. Clav. p. 37 (1797).

In damp, mossy grassland.

UPPLAND: Jumkil parish, just E. of Långmossen, along the path "Linnéstigen".

23.VIII.1966

K. & L. Holm

This species also occurs sparsely intermixed in no. 399 (*Geoglossum nigratum*).

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3305. Neolecta vitellina (Bres.) Korf & J.K. Rogers

Phytologia 21 p. 204 (1971). - Syn.: *Geoglossum vitellinum* Bres., Rev. Mycol. 4 p. 212 (1882). *Spragueola vitellina* Nannf., Arkiv Bot. 30A: 4 p. 57 (1942).

Beside foot-path in coniferous wood.

UPPLAND: Alsike parish, c. 2 km S.E. of the Flottsund Bridge.

1.VIII.1960

H. Belin

First Swedish find of this species which has been considered very rare in Scandinavia, cf. e.g. Ohenoja, Ann. Bot. Fenn. 12 p. 130 (1975). In recent years it has been collected frequently in Sweden, in several provinces from Närke to Norrbotten, cf. Lundqvist & Moberg, Svensk Bot. Tidskr. 71 p. 333 (1978). - L. H.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3306. Spathularia rufa Sw.

K. Vet. Acad. Nya Handl. 33: 11 (1812).

JÄMTLAND: Mörsil parish, Sällsjö.

17.VIII.1963

N. Hakelier

This collection is listed by Ohenoja in her study of the genus (Ann. Bot. Fenn. 12 p. 129 (1975)).

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3307. Ciborinia ciborium (Vahl: Fr.) T. Schumacher & L. Kohn

Can. J. Bot. 63 p. 1634 (1985). - Syn.: *Peziza Ciborium* Vahl: Fr., Syst. Mycol. 2 p. 59 (1822); Vahl in Flora Dan. Fasc. 21 tab. 1078 fig. 1 (1792). *Sclerotina vahliana* Rostr., Meddr Grönland 3 p. 607 (1888).

Parasitic on *Eriophorum angustifolium*.

JÄMTLAND: Undersåker parish, Sylarna Mts, W. slope of Mt. Herrklumpen.

5.VII.1962

I. Nordin (no. 1394)

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3308. Piceomphale bulgarioides (Rabenh.) Svrček

Česka Mycol. 11 p. 240 (1957). - Syn.: *Peziza bulgarioides* Rabenh. ap. Kalkbr., Math. Term. Közlem. 7 pp. 269-270 (1868). *Rutstroemia bulgarioides* Karst., Bidr. Känn. Finl. Nat. Folk 19 (= Myc. Fenn. 1) p. 105 (1871).

On old spruce cones partly buried in moss and surrounded by melting snow.

UPPLAND: Ärentuna parish, Storvreta, eastern outskirts.

16.IV.1977

N. Lundqvist (no. 10683)

This species, from Dalarna, is distributed as no. 3309.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3309. Piceomphale bulgarioides (Rabenh.) Svrček

On old spruce cones lying on the ground.

DALARNA: Folkärna parish, Bergshyttan, Mt. Tjuvberget.

2. & 8.V.1970

G. Lohammar

This species, from Uppland, is distributed as no. 3308.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3310. *Pycnopeziza sympodialis* White & Whetzel ex Sutton

The Coelomycetes p. 34 (1980). White & Whetzel, Mycologia 30 p. 190 (1938), descr. angl. tantum.

On dead birch leaves, still attached to a broken branch

VÄSTERGÖTLAND: Skallsjö parish, Floda.

16.V.1937

T. Nathorst-Windahl (no. 511)
det. T. Schumacher 1989

The anamorph, *Acarosporium sympodiale* Bub. & Vleug., is also present in this material. The teleomorph has not been recorded from Europe. - T. Schumacher.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3311. *Rutstroemia firma* (Pers.: Fr.) Karsten

Bidr. Känn. Finl. Nat. Folk 19 (= Myc. Fenn. 1) p. 108 (1871). - Syn.: *Peziza firma* Pers.: Fr., Syst. Mycol. 2 p. 117 (1822); Pers., Syn. Meth. Fung. p. 658 (1801). *Poculum firmum* Dumont, Mycologia 68 p. 870 (1976).

On birchtwigs lying on the ground in a moist spot.

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

21.X.1941

T. Nathorst-Windahl

The same species, from Uppland, is distributed as no. 3312, and from Västmanland as no. 992.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3312. *Rutstroemia firma* (Pers.: Fr.) Karst.

On branches and twigs of *Quercus robur* lying on the ground, covered by leaves.

UPPLAND: Almunge parish, ca. 600 m S. of Mådra.

31.X.1937 & 20.XI.1938

E. Åberg

Several apothecia are overgrown by unidentified hyphomycetes. - The same species, from Västergötland, is distributed as no. 3311, and from Västmanland as no. 992.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3313. *Rutstroemia rhenana* (Kirschst.) Dennis

Kew Bull. 25 p. 353 (1971). - Syn.: *Cenangium rhenanum* Kirschst., Ann. Mycol. 36 p. 371 (1938).

On remnants of a stromatic pyrenomycete, growing on dead branches of *Malus silvestris*.

BOHUSLÄN: Lycke parish, Klöverön.

8.VIII.1942

T. Nathorst-Windahl

The same species, from Uppland, is distributed as no. 3314.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3314. *Rutstroemia rhenana* (Kirschst.) Dennis

On remnants of a stromatic pyrenomycete, growing on dead branches of *Malus silvestris*.

UPPLAND: Uppsala (Bondkyrko), Lurbo.

16.XI.1976

N. Lundqvist (no. 10557)

The same species, from Bohuslän, is distributed as no. 3313.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3315. *Sclerotinia Trifoliorum* Jak. Erikss.

K. Landtbruks-akad. Handl. Tidskr. 19: 41 (1880).

Parasitic in cultivated *Trifolium pratense*.

UPPLAND: Uppsala, Ultuna, cloverfield.

IX.1967

E. Hesselman

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3316. *Bisporella Nannfeldtii* Svrček n. sp. IsotypeOn remnants of stromata on dead branches of *Prunus padus*.

GÄSTRIKLAND: Gävle, Valls hage.

2.VIII.1956

J.A. Nannfeldt (no. 14371)

Apothecia 0.8 - 1.2 mm diam. (sicca), laete lutea tinctu aurantiaco, extus pallide dense pulverulenta, patellaria, dense fasciculata, basi late vel angustato-sessilia, disco subconvexo dein explanato, margine saepe flexuoso. *Excipulum* textura oblita, ecolorata, parte basali hyphi e cellulis cylindraceis, 3-5 μm latis, crasse tunicatis, marginem versus ex hyphis angustis (0.5-2 μm latis), parietibus 1-2 μm incrassatis constat. *Asci* 35-45 x 4-5 μm , clavato-cylindracei vel subcylindracei, basi breviter vel longius attenuati, apice obtusi poro inamyloideo (sed distincte coerulescente post vim KOH, octospori. *Paraphyses* filiformes, 1.5-2 μm crassae, apice obtusae, rectae, ecoloratae. Pars superior thecii saepe crystallis minutis (2-5 μm diam.), irregulariter angulatis impletus. *Ascospores* 5-7 x 1.2-1.5 μm , anguste cylindraceae polis obtusis, leniter curvatae, suballantoideae, eguttulatae, hyalinae. (Holotypus in UPS). - M. Svrček.

The species will be fully discussed in Nordic J. Bot.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3317. *Calycellina chlorinella* (Ces.) Dennis

Kew Bull. 30 p. 350 (1975). - Syn.: *Peziza chlorinella* Cesati in Bot. Zeitung 12 col. 186 (1853). Klotzsch-Rabenh., Herb. Myc. ed. 1 no. 1812 in sched. (n. v.).

On dead stems of *Polygonum sachalinense* (cult.)

NÄRKE: Askersund, Göranstorp.

11.X.1937

K.G. Ridelius
det. M. Svrček 1988

First report from Sweden! - L. H.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3318. *Carneopezizella salicicola* Svrček

Ceska Mykol. 41 p. 88 (1987).

On piles of cut branches of *Salix*.

UPPLAND: Uppsala, "Kronoparken" just S. of Rosenlund.

5.XI.1939

S. Lundell
det. M. Svrček 1988

This recently described species has for a long time been known to occur in Czecho-Slovakia (cf. Svrček l. c.) but the present collection may represent the first find outside that country. - L. H.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3319. *Crocicreas cyathoideum* (Bull.: Fr.) Carpenter

Brittonia 32 p. 269 (1980). - Syn.: *Peziza Cyathoidea* Bull.: Fr., Syst. Mycol. 2 p. 124 (1822); Bull., Hist. Champ. Fr. p. 250 (1791). *Phialea cyathoidea* Gill., Champ. Fr. Disc. p. 106 (1879). *Cyathicula cyathoidea* Thümen, F. austr. no. 1115 (in sched.) (1874).

On last year's stems of *Angelica archangelica*.

HÄRJEDALEN: Tännäs parish, Mt. Hamrafjället, reg. alp.

18.VII.1948

L. Holm

C. cyathoideum is obviously a complex and very polyphagous species, but such species are often surrounded by a number of "satellites" of rather uniform morphology and restricted host range. The fungus distributed here seems to be such a "satellite", distinguished by its habitat and small, ellipsoid spores (5-8 x 1.5-2 μm). It was observed by Karsten and described as *Cyathicula clavata* (Pers.) Karst. var. *Suboviensis* Karst. (Not. Sällsk. F. Fl. Fenn. Förh. 8 p. 207 (1866) and then treated as *Peziza clavata* Pers. * *Suboviensis* (ibid. 10 p. 135 (1869)), and *Helotium clavatum* (Pers.) Karst., (Myc. Fenn. 1 p. 135 (1871)). - J. A. N.

The same species on various hosts and from various localities was distributed earlier as nos. 287, 491, 492, 997, 998, 2091 and 2092 (all as *Phialea c.*).

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3320. *Crocicreas gramineum* (Fr.) Fr.

Summa Veg. Scand. p. 418 (1849). - Syn.: *Perisporium gramineum* Fr., Syst. Mycol. 3 p. 249 (1832). *Crumenula pusiola* Karst., Not. Sällsk. F. Fl. Fenn. Förh. 8 p. 209 (1866). *Allophylaria pusiola* Nannf., N. Acta R. Soc. Sci. Upsal. ser. 4, 8(2) p. 290 (1932).

In dead leaves of *Poa arctica* ssp. *caespitans*.

TORNE LAPPMARK: Jukkasjärvi parish, Mt. Nissontjåkko, the slope of the E. ridge towards the rivulet Nissonreppejokk, c. 1200 m s.m.

15.VII.1927

J.A. Nannfeldt (no. 18565a)

This species is very common in the Scandes on various grasses, especially *Poa* ssp. In the North at least it is impossible to distinguish a small-spored variety, var. *incertellum* (Rehm) Carpenter. A collection (J. A. N. 17879) on the same host, from the same locality, and on the same date as the present one was declared by Carpenter (Mem. New York Bot. Gard. 33: 119 (1981) to be intermediate and was listed under both names.

Fries, Scl. Suec. 368 should be regarded as the type collection of this species. There are two specimens in UPS bearing this number. One (annotated SEC 983) has a label "368. Perisporium graminis" in a secretary's hand. The second (SEC 982) is labelled by Fries himself: "Scl. Suec. 368 - Crocicreas gramineum - Femsjö in H [olco]. möll" (not "Horto" as read by Carpenter). The latter was selected as lectotype by Carpenter (but cited as "SEC 983" (sic!) op. cit. p. 116). This was an unfortunate choice because the labelling of "*Perisporium graminis*" is typical of the higher numbers of the Scleromyceti Sueciae indicating that it formed part of the 2nd edition. (Holm & Nannfeldt, Friesia 6, 1982), whereas the label of "*Crocicreas gramineum*" is evidently written at a much later date. Both samples show the same fungus, but the material may of course have been collected on different occasions. - J. A. N.

The same species, on *Poa nemoralis*, is distributed as no. 3321.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3321. *Crocicreas gramineum* (Fr.) Fr.

On dead culms of *Poa nemoralis*.

TORNE LAPPMARK: Jukkasjärvi parish, Sjängeli, Ruopsuok.

14.VIII.1946

L. Holm (no. 441)

The same species, on *Poa arctica*, is distributed as no. 3320.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3322. *Crocicreas calathicola* (Rehm) Carpenter

Brittonia 32 p. 269 (1980). - Syn.: *Helotium calathicolum* Rehm, Ber. Naturh. Ver. Augsburg 26 p. 77 (1881). *Phialea calathicola* Sacc., Syll. Fung. 8 p. 274 (1889).

On calathia of last year's *Saussurea alpina*.

TORNE LAPPMARK: Jukkasjärvi parish, Mt. Nuolja, the slope towards Abisko, reg. alp., c. 750 m s.m.

2.VIII.1952

L. Holm (no. 1042)

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3323. *Crocicreas megalosporum* (Rea) Carpenter

Brittonia 32 p. 270 (1980). - Syn.: *Ombrophila megalospora* Rea, Trans. Br. Mycol. Soc. 5 p. 256 (1916).

On withered leaf sheathes of *Carex Bigelowii*, just at the ground-surface, in snow-bed.

TORNE LAPPMARK: Jukkasjärvi parish, c. 1 km N.E. of the Katterjaure hut.

26.VIII.1952

L. Holm (no. 1060)

New to Sweden! The apothecia of this collection have much longer stipes than those of the type (and so far only) collection from Scotland. The difference certainly depends upon the environment. - J. A. N.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3324. *Cudoniella clavus* (Alb. & Schw.: Fr.) Dennis

Persoonia 3 p. 73 (1964). - Syn.: *Peziza Clavus* Alb. & Schw.: Fr., Syst. Mycol. 2 p. 137 (1822); Alb. & Schw., Consp. Fung. Lusat. Sup. p. 306 (1805).

On partly submerged culms of *Phragmites* and branches of *Salix*.

BOHUSLÄN: Uddevalla, Lake Sarven.

16.V. & 23.VI.1952

S. Woldmar (no. 514)

Unusually long, stipe up to 3 cm in length when fresh. - L. H.
The same species, from Ångermanland, is distributed as no. 3325.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3325. *Cudoniella clavus* (Alb. & Schw.: Fr.) Dennis

On submerged, decayed hardwood branches in running water.

ÅNGERMANLAND: Ytterlännäs parish, Selsberget, the Rivulet Lokån.

2.VII.1976

N. Lundqvist (no. 10235)

This collection was reported by Lundqvist & Moberg, Svensk Bot. Tidskr. 71: 331 (1978).

The same species, from Bohuslän, is distributed as no. 3324.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3326. *Durella atrocyanea* (Fr.) v. Höhn

Ann. Mycol. 16 p. 211 (1919) ("1918"). - Syn.: *Stictis atrocyanea* Fr., Syst. Mycol. 2 p. 199 (1822).

On decorticated branches of *Ulmus scabra*.

UPPLAND: Uppsala, Ekebyvägen.

26.IV.1980

S. Ryman (no. 5596)

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3327. *Encoelia furfuracea* (Roth: Fr.) Karst.

Not. Sällsk. F. Fl. Fenn. Förh. 11 p. 253 (1871). - Syn.: *Peziza furfuracea* Roth: Fr., Syst. Mycol. 2 p. 76 (1822); Roth, Catalecta Bot. 2 p. 357 (1800).

On dead branches of cultivated *Corylus americana*.

UPPLAND: Uppsala, Botanic Garden.

14.IV.1973

J.A. Nannfeldt (no. 2297)

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3328. *Encoeliopsis Rhododendri* (Ces. ex Rabenh.) Nannf.

var. *Harrimanellae* L. & K. Holm

Isotype

Norw. J. Bot. 27 p. 180 (1980).

On the capsules of *Cassiope (Harrimanella) hypnoides*.

TORNE LAPPMARK: Jukkasjärvi parish, c. 1.5 km S of Katterjokk Railway Halt, reg. alp.

26.VIII.1952

L. Holm (no. 1053)

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3329. *Godronia uberiformis* Groves

Can. J. Bot. 43 p. 1245 (1965).

On dead branches of cultivated *Ribes rubrum* s. lat.

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

17.VII.1957

J.A. Nannfeldt (no. 15014)

The same species, on *Ribes nigrum* from Gästrikland, was distributed as no. 2595 (as "*Sclerodermis Ribis*").

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3330. Heterosphaeria Linariae (Rabenh.) Rehm

Disc. Fl. p. 203 (1888). - Syn.: *Peziza Linariae* Rabenh., Herb. Myc. Ed. 1 no. 724 in sched. (1845).

On last year's stems of *Linaria vulgaris*.

ÅNGERMANLAND: Ytterlännäs parish, Sel.

16.VII.1965

N. Lundqvist (no. 4634)

According to Leuchtman (Mycotaxon 28(2) p. 277 (1987)) *H. Linariae* should be considered a synonym of *H. patella*. - L. H.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3331. Holwaya mucida (Schulzer) Korf & Abawi

Can. J. Bot. 49 p. 1880 (1971). - Syn.: *Ditiola? mucida* Schulzer, Verh. Zool. Bot. Ges. Wien 10 p. 322 (1860). *Patellaria leptosperma* Peck, Ann. Rep. N.Y. State Mus. 30 p. 62 (1878). *Holwaya leptosperma* Durand, Bull. Torr. Bot. Club 28 p. 353 (1901).

On decaying branches of *Tilia cordata* lying on the ground.

UPPLAND: Jumkil parish, "Vallmo källa".

20.IX.1970

K. & L. Holm

The anamorph, *Crinula caliciiformis*, from a nearby locality is distributed as no. 3332 and another collection of the teleomorph, from Västmanland, as no. 3333.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3332. Holwaya mucida (Schulzer) Korf & Abawi - Stat. con.

stat. con. = *Crinula caliciiformis* (Fr.) Fr., Syst. Mycol. 1 p. 493 (1821). - Syn.: *Acropermum caliciiforme* Fr., Obs. Mycol. 2 p.311 (1818).

On decaying branches of *Tilia cordata* lying on the ground.

UPPLAND: Jumkil parish, "Almkärret".

5.X.1968

K. & L. Holm

The teleomorph is distributed as nos. 3331 and 3333. The fungus has been known from this locality since 1920 (cf. Juel, Arkiv Bot. Bd. 18. No. 6 p. 7 (1922)).

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3333. Holwaya mucida (Schulzer) Korf & Abawi

On fallen trunk of *Tilia cordata*.

VÄSTMANLAND: Västerås-Barkarö parish, near Ridön, the island Flaten.

25.X.1975

S. Ryman (no. 3817)

The teleomorph is distributed also as no. 3331 and the anamorph as no. 3332. The fungus was found in the area already in 1845 (cf. Juel, Arkiv Bot. Bd 18. No. 6 p. 11 (1922)).

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3334. *Hymenoscyphus calyculus* (Sow.: Fr.) Phill.

Brit. Disc. p. 136 (1887) ("*Hymenoscypha*"). - Syn.: *Peziza Calyculus* Sow.: Fr., Syst. Mycol. 2 p. 129 (1822); Sow., Col. Fig. Engl. Fungi 1 tab. 116 (1797). *Helotium calyculus* Fr., Summa Veg. Scand. p. 355 (1849).

On bark of living trunk of *Salix alba x fragilis*.

VÄSTERGÖTLAND: Göteborg, Slottsskogen.

2.XI.1938

T. Nathorst-Windahl (no. 1371)

The taxonomy of the *Hymenoscyphus calyculus*-complex is still very confused. The present collection with spores 15-20 x 4-5 μm seems to agree perfectly with the original *Peziza calyculus* Sow. - J. A. N.

The same species, from Gästrikland, is distributed as no. 3335.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3335. *Hymenoscyphus calyculus* (Sow.: Fr.) Phill.

On fallen and partly buried branches and twigs of *Alnus glutinosa*, *A. incana* and *Salix spp.*

GÄSTRIKLAND: Gävle, Lövudden.

16.VIII.1945

J.A. Nannfeldt (no. 7967)

The taxonomy of the *Hymenoscyphus calyculus*-complex is still very confused. The present collection is marked by rather short spores (12-17 x 3.5-5 μm) which are too wide to fit *Peziza conscripta* Karst. There is no difference between the apothecia on *Alnus* and those on *Salix*. - J. A. N.

The same species, from Västergötland, is distributed as no. 3334.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3336. *Hymenoscyphus epiphyllus* (Pers.: Fr.) Kauffm.

Papers Mich. Acad. Sci., Arts Lett. 9 p. 177 (1929) ("1928") ut "*Hymenoscypha epiphylla* (Pers.) Rehm". - Syn.: *Peziza epiphylla* Pers.: Fr., Syst. Mycol. 2 p. 137 (1822); Pers., Disp. Meth. Fung. p. 72 (1797). *Helotium epiphyllum* Fr., Summa Veg. Scand. p. 356 (1849).

On heaped birch leaves in a moist situation.

SMÅLAND: Femsjö parish, Hägnen, the fen S.W. of Hägnaklippan.

21.VIII.1943

S. Lundell

The same species, from Närke, is distributed as no. 3337.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3337. *Hymenoscyphus epiphyllus* (Pers.: Fr.) Kauffm.

On fallen heaped leaves of *Alnus glutinosa*.

NÄRKE: Kumla parish, Säbylund.

12.VII.1892

L. Romell (no. 16970)

The same species, from Småland, is distributed as no. 3336.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3338. *Hymenoscyphus fructigenus* (Bull.: Fr.) S.F. Gray

Nat. Arr. Brit. Pl. 1 p. 673 (1821). - Syn.: *Peziza fructigena* Bull.: Fr., Syst. Mycol. 2 p. 118 (1822); Bull., Hist. Champ. Fr. p. 236 (1791). *Helotium fructigenum* Fckl, Symb. Mycol. p. 314 (1870).

On decaying acorns and cupules of *Quercus robur*, in a moist spot.

VÄSTERGÖTLAND: Göteborg, Hisingen, Rya skog.

23.VIII.1941

T. Nathorst-Windahl

The taxonomy of the *Hymenoscyphus calyculus*-complex is far from settled and the number of generally accepted taxa seems exaggerated. The two samples distributed here as *H. fructigenum* are distinguished by their habitat, apothecia with long, slender stipes and distinctly clavate spores 20-25 x 2.5-3.0 μm , and occasionally 1-septate. - J. A. N.

This species is distributed from Uppland, as no. 3339.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3339. *Hymenoscyphus fructigenus* (Bull.: Fr.) S.F. GrayOn old acorns and cupules of *Quercus robur*, in a moist spot.

UPPLAND: Funbo parish, Hovgården.

8.IX.1940

E. Åberg

The same species, from Västergötland, is distributed as no. 3338.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3340. *Hymenoscyphus imberbis* (Bull.: Fr.) DennisPersoonia 3 p. 75 (1964). - Syn.: *Peziza imberbis* Bull.: Fr., Syst. Mycol. 2 p. 136 (1822); Bull., Hist. Champ. Fr. p. 245 (1791). - *Helotium imberbe* Fr., Summa Veg. Scand. 2 p. 356 (1849).

On loose bark of alders, felled a few years previously.

GÄSTRIKLAND: Gävle, Lövudden.

1)8.VII.1951

J.A. Nannfeldt (no. 11721)

2)24.VI.1953

J.A. Nannfeldt (no. 12783)

det. B.M. Spooner

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3341. *Hymenoscyphus repandus* (Phill.) DennisPersoonia 3 p. 75 (1964). - Syn.: *Helotium repandum* Phill., Brit. Disc. p. 161 (1887).On dead stems of *Filipendula ulmaria*.

UPPLAND: Stockholm, Ugglevikskärret.

9.VI.1895

L. Romell (no. 16971)

First report from Sweden! - J. A. N.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3342. *Hymenoscyphus saccicola* Svrček n. sp. Isotype

On old wet decaying sacking, lying on the ground.

UPPLAND: Uppsala, the wood S. of Nyby.

7.VIII.1942

S. Lundell

Apothecia 1-1.5 mm diam. (sicca), singularia vel 2-3 fasciculata, tota laete aureo-flava vel obscure vitellina, extus subnuda vel subtiliter fibrillosa, anguste pallide-vel albo-marginata, basi crasse stipitata, stipite radium thecii aequanti. *Excipulum* e cellulis cylindraceutis, angulatis, 5-10 μm latis, parte basali brevioribus, tenuiter tunicatis, ecoloratis, hyphis marginalibus 1.5-3 μm crassis, obtusis, firme cohaerentibus. *Excipulum* subdextrinoideum. *Asci* 75-96 x 6-7 μm , anguste clavati, poro amyloideo, octospori. *Paraphyses* 1.3-1.8 μm crassae, apice non dilatatae, obtusae, rectae. *Ascospores* 12-15 x 3-3.5 μm , inaequaliter fusiformes, granulis minutis bipolaribus instructae, hyalinae. (Holotypus in UPS). - M. Svrček. The species will be fully discussed in the Nord. J. Bot.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3343. *Hymenoscyphus salicellus* (Fr.) DennisPersoonia 3 p. 73 (1964). - Syn.: *Peziza salicella* Fr., Syst. Mycol. 2 p. 133 (1822). *Helotium salicellum* Fr., Summa Veg. Scand. 2 p. 356 (1849).On piles of cut twigs of *Salix* sp..

UPPLAND: Estuna parish, W. margin of "Ljushammaren".

19.IX.1955

S. Lundell

Spores (22-)26-28 x 5-6 μm . Though known only from the description the identity of *Peziza salicella* Fr. has never been questioned. Its characteristic habitat is "ad ramulos exsiccatos salicinos". - J. A. N.

The same species, from Södermanland, is distributed as no. 3344.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3344. *Hymenoscyphus salicellus* (Fr.) Dennis

On dead but still attached branches of cultivated *Salix x mollissima* (= *S. viminalis x triandra*).

SÖDERMANLAND: Bälinge parish, Studsvik, experimental field.

6.XI.1984

E. Gunnerbeck (no. 5261)

The same species, from Uppland, is distributed as no. 3343.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3345. *Hymenoscyphus scutula* (Pers.: Fr.) Phill.

Brit. Disc. p. 136 (1887) ("*Hymenoscypha*"). - Syn.: *Peziza scutula* Pers.: Fr., Syst. Mycol. 2 p. 123 (1822); Pers., Mycol. Eur. 1 p. 284 (1822). *Helotium scutula* Karst., Not. Sällsk. F. Fl. Fenn. Förh. 11 p. 233 (1871).

On last years's stems of *Eupatorium cannabinum*.

BLEKINGE: Karlskrona, V. Mark, beach-shrubbery.

20.IX.1946

S. Lundell

Spores 22-26 x 3-4 μm , with a distinct, short, basal bristle. - J. A. N.
The same species, from Uppland, was issued as no. 285.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3346. *Hymenoscyphus separabilis* (Karst.) Dennis

Personia 3 p. 77 (1964). - Syn.: *Helotium separabile* Karst., Bidr. Känn. Finl. Nat. Folk 19 (= Myc. Fenn. 1) p. 118 (1871).

On dead canes of *Rubus idaeus*

GÄSTRIKLAND: Gävle, Lövudden.

12.VIII.1956

J.A. Nannfeldt (no. 14416)

First report from Sweden! - J. A. N.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3347. *Hymenoscyphus vitellinus* (Rehm) O. Kuntze

Rev. Gen. Pl. 3(2) p. 486 (1898). - Syn.: *Helotium vitellinum* Rehm, Ber. Naturh. Ver. Augsburg 26 p. 124 (1881).

On piles of last year's stems of *Filipendula ulmaria*.

UPPLAND: Funbo par., Hovgården.

29.VIII.1940

E. Åberg

Spores 18-22 x 3-4 μm . - In agreement with Dennis (Mycol. Pap. 62, 1956; Brit. Ascom. p. 136 (1978)) this member of the *H. scutula*- complex is given specific rank. - J. A. N.

The same species, from Gästrikland, is distributed as no. 3348.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3348. *Hymenoscyphus vitellinus* (Rehm) O. KuntzeOn last year's stems of *Filipendula ulmaria*.

GÄSTRIKLAND: Gävle, Lövudden.

20.VIII.1956

J.A. Nannfeldt (no. 14366)

Spores 18-22 x 3-4 μm . - J. A. N.

The same species, from Uppland, is distributed as no. 3347.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3349. *Neobulgaria pura* (Pers.: Fr.) Petr.

Ann. Mycol. 19 p. 45 (1921). - Syn.: *Bulgaria pura* Pers.: Fr., Syst. Mycol. 2 p. 168 (1822). *Peziza pura* Pers., Obs. Mycol. 1 p. 40 (1796).

On cupules of *Fagus*, lying on the ground in a moist situation in beech wood.

SKÅNE: Vitaby parish, c. 1 km W. of the parish church.

20.VI.1956

R. Rydberg

The same species, from Småland, was issued as no. 2100.

FUNGI EXSICCATI SUECICI, PRAESERTIM UPSALIENSES

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

3350. Parorbiliopsis minuta Spooner & Dennis

Sydowia 38 p. 303 (1986).

On the underside of a decaying trunk of birch.

UPPLAND: Uppsala, Vårdsätra.

18.X.1932

S. Lundell
det. M. Svrček

First report from Sweden. - L. H.

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2. K. Vanky, Ustilaginales, fasc. I-V (Nos 1-125), 1979
3. K. Vanky, Ustilaginales, fasc. VI-X (Nos 126-250), 1979
4. L. Tibell, Caliciales exsiccatae, fasc. II (Nos 26-50), 1979
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