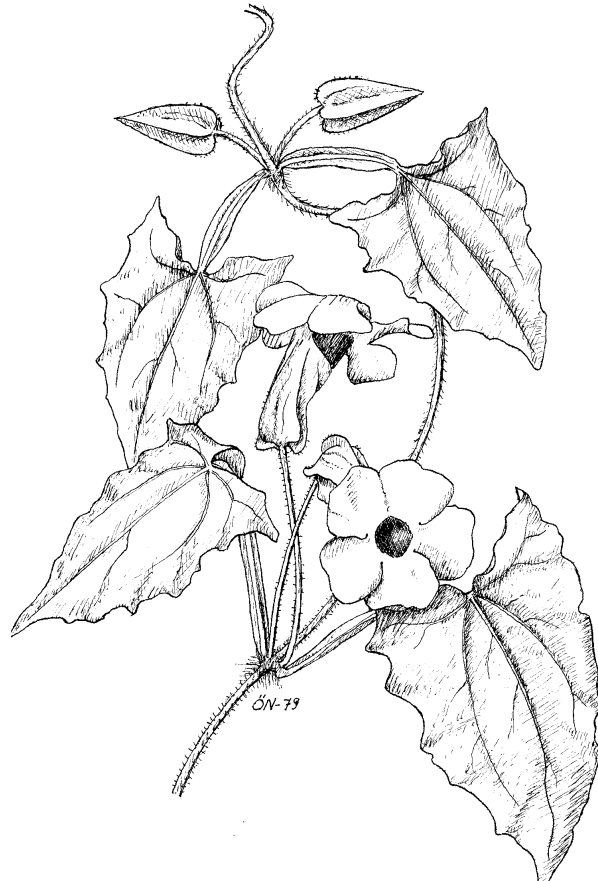


THUNBERGIA

36



Rolf Santesson

Fungi Lichenicoli Exsiccati

Fasc. 15 & 16 (Nos 351–400)

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2008

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 Uppsala 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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Isotypes of the following species are distributed: *Lichenostigma super-tegentis* Ihlen & R.Sant., *Opegrapha phaeophysciae* R.Sant., Diederich, Ertz & Christnach, *Plectocarpon bunodophori* Wedin, Ertz & Diederich, *Plectocarpon concentricum* Ertz, Diederich & Wedin, *Plectocarpon latisporum* Ertz, Diederich & Wedin, *Plectocarpon pseudoleuckertii* Diederich, Ertz & Wedin and *Stigmatidium epixanthum* Hafellner.

An index to the 400 numbers hitherto distributed is presented and lists of the six described taxa, the six new combinations, and the fourteen isotypes are given. A summary of publication dates for the sixteen fascicles is presented.

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Many of the fungi distributed in these fascicles have been collected and determined by Paul Diederich, Josef Hafellner and Mats Wedin. Material was received also from many other collectors. Heartly thanks to all!

By fasc. 15 & 16 this exsiccate is concluded. Since the start in 1984 Roland Moberg has contributed to the preparation and publication of each fascicle. I owe him my most sincere thanks.

R. Santesson: FUNGI LICHENICOLI EXSICCATI

354 *Illosporium carneum* Fr.

Syst. Myc. 3(1): 259 (1829).

On *Peltigera polydactylon* (thallus).

AUSTRIA. Salzburg Prov., Pinzgau, Hohe Tauern, Glockner-group, Stubachtal, Enzingerboden, on the W lowermost slope of Rötenskogel. 47°10'20"N 12°37'40"E. Alt. 1500 m. Slope with boulders and open *Pinus mugo* grove.

31.VIII.1996 leg. & det. Josef Hafellner (n. 60267)

R. Santesson: FUNGI LICHENICOLI EXSICCATI

355 *Lichenostigma semiimmersa* Hafellner

Linzer Biol. Beitr. 31: 511, 513–514 (1999).

On *Buellia elegans* (thallus).

AUSTRIA. Salzburg Prov., Pinzgau, Hohe Tauern, Glockner-group, NW of Kitzsteinhorn, c. 2 km W of the Krefelder Hütte, the S mountain crest of Hintere Rettenwand. 47°12'40"N 12°40'45"E. Alt. 2680 m. On earth in alpine heath.

20.VII.1996 leg. J. Hafellner (n. 38077) & H. Wittmann
det. J. Hafellner

R. Santesson: FUNGI LICHENICOLI EXSICCATI

356 *Lichenostigma subradians* Hafellner, Calatayud & Nav.-Ros.

in Calatayud, Navarro-Rosinés & Hafellner, Mycol. Res. 106: 1239–1240 (2002).

On *Acarospora* (yellow sp.) (thallus).

USA. California. Los Angeles Co. San Clemente Island, W shore of the island, between Eel Point and Seal Cove. 32°54'N 118°30'W. Alt. 50 m. Volcanic headlands exposed to fog.

16.IV.1966 leg. & det. Rolf Santesson (n. 17997)

R. Santesson: FUNGI LICHENICOLI EXSICCATI**357 *Milospium graphideorum* (Nyl.) D.Hawksw.**

Trans. Br. Myc. Soc. 65(2): 228 (1975). – *Spilomium graphideorum* Nyl. Actes Soc. Linn. Bordeaux 21: 337 (1857).

On sterile lichen with *Trentepohlia*.

PORTUGAL. Faro Prov. S of Lagoa, Carvoeiro, gardens in village. 37°06'N 8°28'W. On *Ceratonia siliqua*.

31.III.2005 leg. & det. Paul Diederich (n. 16054)

R. Santesson: FUNGI LICHENICOLI EXSICCATI**358 *Minutoexcipula mariana* V.Atienza**

Bibliotheca Lich. 82: 142 (2002); Diederich, Herzogia 16: 64–65 (2003).

On *Pertusaria* sp. (thallus).

PORTUGAL. Faro Prov. S of Lagoa, Carvoeiro, gardens in village. 37°06'N 08°28'W. On *Prunus amygdalus*.

31.III.2005 leg. & det. Paul Diederich (n. 16043)

R. Santesson: FUNGI LICHENICOLI EXSICCATI**359 *Minutoexcipula mariana* V.Atienza**

Bibliotheca Lich. 82: 142 (2002); Diederich, Herzogia 16: 64–65 (2003).

On *Pertusaria xanthodes* (thallus).

USA. California. Santa Barbara Co. Santa Barbara, Hope Ranch. 34°27'N 119°44'W. On a cultivated tree of *Casimiroa* on property of S. Carlquist.

28.VI.2002 leg. Shirley Tucker (n. 37664)
det. P. Diederich 2003

R. Santesson: FUNGI LICHENICOLI EXSICCATI**360 Opegrapha phaeophysciae** R.Sant., Diederich, Ertz & Christnach
Isotype

in Ertz, Christnach, Wedin & Diederich, Bibliotheca Lich. 91: 132–135 (2005).

On *Phaeophyscia hispidula* (thallus).

RUSSIA. Primorskii Region, Lazovskii District, Lazovskii Reserve, small hill along the seashore, c. 5 km S of Glazovska village. 41°01'N 134°10'E. Alt. 30 m. On *Quercus mandchurica* in the southern slope towards the sea.

22.IX.1991

leg. Rolf Santesson (n. 33270)
(Holotype in UPS)

R. Santesson: FUNGI LICHENICOLI EXSICCATI**361 Paranectria oropensis** (Ces.) D.Hawksw. & Piroz.

Can. J. Bot. 55: 2555 (1977). – *Sphaeria oropensis* Ces., Bot. Zeit. 15: 406 (1857).

On *Biatora pontica* (thallus).

AUSTRIA. Steiermark Prov., Steirisches Randgebirge, Gleinalpe, Gamsgraben, c. 4.5 km NW of Rothleiten, close behind the mouth of Lehmbachgraben. 47°18'05"N 15°15'05"E. Alt. 650 m. Near a small stream. On *Fagus*.

3.XII.2000

leg. & det. Josef Hafellner (n. 57388)

R. Santesson: FUNGI LICHENICOLI EXSICCATI**362 Phaeopyxis punctum** (A.Massal.) Rambold, Triebel & Coppins

in Rambold & Triebel, Notes RBG Edinb. 46: 384–385 (1990). – *Nesolechia punctum* A. Massal., Sched. Crit. 5: 96 (1856).

On *Cladonia digitata* (thallus).

AUSTRIA. Kärnten Prov., Gailtaler Alpen, Lake Weissensee, Laka, NW of ridge. 46°42'N 13°21'16"E. Grid: MTB 9446. Alt. 1000 m.

31.VII.2001

leg. & det. Franz Berger (n. 14678)

R. Santesson: FUNGI LICHENICOLI EXSICCATI**363 Phoma denigricans** Hafellner

Herzogia 10: 18–20 (1994).

On *Lecanora epibryon* (apothecia).

AUSTRIA. Salzburg Prov., Hohe Tauern, Glockner group the NW mountain crest of Grosser Magrötzen Kopf above the Hochtor. 47°05'10"N 12°50'10"E. Grid: MTB 8943/1. Alt. 2620 m. On mosses in an alpine heath.

30.VIII.1996 leg. & det. Josef Hafellner (n. 40106)

R. Santesson: FUNGI LICHENICOLI EXSICCATI**364 Plectocarpon macaronesiae** Diederich, Etayo & Sérus.

in Diederich & Etayo, Nord. J. Bot. 14: 592–595 (1994).

On *Lobaria meridionalis* (thallus).

CANARY ISLANDS. Tenerife. Macizo de Anaga, surroundings of Mirador Pico de Inglés, NE above Las Mercedes. 28°31'40"N 16°16'W. Alt. 960 m. On *Laurus azorica* in a *Laurus* wood.

8.II.1989 leg. J. Hafellner (n. 60266) & A. Hafellner
det. J. Hafellner

R. Santesson: FUNGI LICHENICOLI EXSICCATI**365 Scutula stereocaulorum** (Anzi) Körb.

Parerga Lich. Lief. 5: 455 (1865). – *Lecidea? stereocaulorum* Anzi, Comment. Soc. Crittog. Ital. 1(3): 155 (1862).

On *Stereocaulon vesuvianum* (thallus).

CANARY ISLANDS. El Hierro. Uppermost slope of El Golfo, c. 1 km W of the turnoff to Santuario Virgen de los Reyes on the road to Frontera. 27°44'N 18°00'10"W. Alt. 1280 m. On a N exposed slope.

4.II.1995 leg. & det. Josef Hafellner (n. 33741)

R. Santesson: FUNGI LICHENICOLI EXSICCATI**366 Skyttea pertusariicola** Diederich & Etayo

in Nash, Ryan, Diederich, Gries & Bungartz, Lichen Flora of the Greater Sonoran Desert Region 2: 694–695 (2004).

On *Pertusaria* sp. (thallus).

PORTUGAL. Faro Prov., S of Lagoa, Carvoeiro, gardens in village. 37°06'N 08°28'W. On *Prunus amygdalus*.

31.III.2005 leg. & det. Paul Diederich (n. 16044)

R. Santesson: FUNGI LICHENICOLI EXSICCATI**367 Stigmidium degelii** R.Sant.

Graphis Scripta 5: 3 (1993).

On *Degelia plumbea* (thallus).

SCOTLAND. Isle of Skye, forest SW of Tokavaig, close to the sea. 57°08'N 05°58'W. Alt. 5 m. Forest with mainly *Corylus* and *Betula* and some isolated *Quercus*.

8.VIII.2003 leg. & det. Paul Diederich (n. 15656)

R. Santesson: FUNGI LICHENICOLI EXSICCATI**368 Stigmidium epixanthum** Hafellner**Isotype**

in Hafellner, Triebel, Ryan & Nash, Mycotaxon 84: 317–319 (2002).

On *Acarospora* sp.

MEXICO. Baja California Sur, Sierra de la Giganta, about 70 km NE of Ciudad Insurgentes. 25°40'N 111°16'W. Alt. 450 m. Semidesert scrub on NW facing cliff of volcanic rock.

19.II.1993 leg. J. Hafellner (n. 44885) & A. Hafellner
(Holotype in GZU)

R. Santesson: FUNGI LICHENICOLI EXSICCATI**369 Stigidium gyrophorarum** (Arnold) D.Hawksw.

Kew Bull. 30: 201 (1975); Roux & Triebel, Bull. Soc. Linn. Provence 45: 539–540 (1994). – *Arthopyrenia gyrophorarum* Arnold, Verh. zool.-bot. Ges. Wien 46: 140 (1896). – *Endococcus gyrophorarum* (Arnold) J.David & D.Hawksw., in Hawksworth & Diederich, Trans. Br. Mycol. Soc. 90: 308 (1988).

On *Umbilicaria cylindrica* (thallus).

AUSTRIA. Steiermark Prov., Steirisches Randbirge, Gleinalpe, Mugel S of Niklasdorf, slope between the Ochsenstall and the radio transmitter. 47°22'10"N 15°10'50"E. Alt. 1320 m. On a NE exposed side of a siliceous boulder in a pasture.

6.X.2001

leg. & det. Josef Hafellner (n. 57389)

R. Santesson: FUNGI LICHENICOLI EXSICCATI**370 Syzygospora bachmannii** Diederich & M.S.Christ.

in Diederich, Bibliotheca Lich. 61: 30–35 (1996).

On *Cladonia rangiformis* (thallus).

LUXEMBOURG. NW of Steinfort. 49°40'N 05°54'E. Grid: IFBL: L8.51.24 UTM: GR.00. Alt. 320 m.

21.I.2000

leg. J. M. Cepeda (n. 24)

det. P. Diederich

R. Santesson: FUNGI LICHENICOLI EXSICCATI**371 Taeniolella punctata** M.S.Christ. & D.Hawksw.

in Hawksworth, Bull. Brit. Mus. (Nat. Hist.) Bot. 6(3): 257–258 (1979).

On *Graphis scripta* (thallus).

LUXEMBOURG. S of Capellen, Jongebösch. 49°38'N 05°59'E. Grid: IFBL: M8.13.13; UTM: KA.80. On *Carpinus*.

26.III.2005

leg. & det. Paul Diederich (n. 16040)

R. Santesson: FUNGI LICHENICOLI EXSICCATI**372 Tremella cetrariicola** Diederich & Coppins

in Diederich, Bibliotheca Lich. 61: 57–60, 65 (1996).

On *Cetrariella delisei* (thallus).

SWEDEN. Jämtland Prov., Åre par., Storlien. 63°19'N 12°07'E.

30.VII.1909

leg. Erik P. Vrang
det. R. Santesson

R. Santesson: FUNGI LICHENICOLI EXSICCATI**373 Tremella cladoniae** Diederich & M.S.Christ.

in Diederich, Bibliotheca Lich. 61: 65–69 (1996).

On *Cladonia pocillum* (thallus).

FRANCE. Meurthe-et-Moselle, Hussigny-Godbrange, quarry NE of village. 49°29'N 05°53'E. Grid: IFBL: M8.51. Terricolous on calcareous soil and rock rich in iron.

5.IX.2004

leg. & det. Paul Diederich (n. 16031)

R. Santesson: FUNGI LICHENICOLI EXSICCATI**374 Tremella lobariacearum** Diederich & M.S.Christ.

in Diederich, Bibliotheca Lich. 61: 103–108, 111 (1996).

On *Lobaria sublaevis* (thallus).

MADEIRA. Between Ponta do Sol and Porto Moniz, Rabaçal. 32°44'N 17°10'W. Alt. 1000 m.

8.IV.1992

leg. & det. Paul Diederich (n. 4934)

R. Santesson: FUNGI LICHENICOLI EXSICCATI**375 Unguiculariopsis lettaui** (Grumann) Coppins

in Rambold & Triebel, Notes RBG Edinburgh 46: 387 (1990). – *Pyrenopeziza lettaui* Grumann, Bot. Jahrb. 80: 140–144 (1960).

On *Evernia prunastri* (thallus).

CANARY ISLANDS. Gran Canaria. By the road from Valleseco to Artenara, c. 2 km E of Los Pinos de Galdar. 28°02'N 15°36'W. Alt. 1400 m. On branches of *Castanea* in a *Castanea* grove.

23.II.1994

leg. & det. Josef Hafellner (n. 57082)

R. Santesson: FUNGI LICHENICOLI EXSICCATI**376 Abrothallus suecicus** (Kirschst.) Nordin

Svensk Bot. Tidskr. 58: 226-232 (1964). – *Leciographa suecica* Kirschst., Ann. Myc. 35: 203 (1935).

On *Ramalina farinacea*, *R. fastigiata* and *R. fraxinea* (apothecia & thallus).

SWEDEN. Gotland Prov., Öja par., Faludden, Toppsandar. 56°55'N 18°08'E. On the trunk of a *Populus* sp.

10.X.1985

leg. & det. Ingvar Nordin (n. 9815)

Note. Mainly the anamorph *Vouauxiomyces ramalinae* (Nordin) D.Hawksw., Bull. Brit. Mus. (Nat. Hist.) Bot. 9 (1): 67–69 (1981).

R. Santesson: FUNGI LICHENICOLI EXSICCATI**377 Arthonia molendoi** (Frauenfeld) R.Sant.

Thunbergia 3: 2 (1986) (Fungi Lichenic. Exs. 54) – *Tichothecium molendoi* Heufler ex G. von Frauenfeld in Arnold, Verhandl.zool.-bot Ges. Wien 14: 462 (1864).

On *Xanthoria parietina* (thallus)

BELGIUM. De Panne, Westhoek, NE border of nature reserve. 51°05'N 02°34'E. Grid: IFBL, C056. On *Sambucus* in a dune.

4.I.2008

leg. & det. Paul Diederich (n. 16731)

R. Santesson: FUNGI LICHENICOLI EXSICCATI

378 Bachmanniomyces uncialicola (Zopf) D.Hawksw.

Bull. Brit. Mus. (Nat. Hist.) Bot. 9(1): 11 (1981). – *Phyllosticta uncialicola* Zopf, Hedwigia 35: 324 (1896).

On *Cladonia uncialis* ssp. *biuncialis* (thallus).

NORWAY. Nord-Trøndelag Prov., Flatanger, Røytaugfjellet. 64°27'N 10°47'E. Alt. 100 m. Ravine with vertical siliceous rocks and coastal deciduous forest, on rocks.

27.VII.1993

leg. & det. Mats Wedin (n. 4628)

R. Santesson: FUNGI LICHENICOLI EXSICCATI

379 Geltingia associata (Th.Fr.) Alstrup & D. Hawksw.

Meddelelser om Grønland, Bioscience 31: 33 (1990). – *Lecidea associata* Th.Fr., K. Svenska Vetensk.-Akad. Handl. 7(2): 42 (1867).

On *Ochrolechia* sp. (thallus).

USA. Alaska, Cordova, N of Copper River Hwy, along Saddlebag Glacier Trail, at the creek from Saddlebag Lake. 12°28.3'N 145°07.5'W. Corticolous on trunk of *Alnus crispa* on bank of river.

26.V.2001

leg. Tor Tønsberg (n. 29800)

det. P. Diederich 2007

R. Santesson: FUNGI LICHENICOLI EXSICCATI

380 Lambinonia strigulae (Elenkin & Woron.) Sérus. & Diederich

Lichenologist 37: 500–506 (2005). – *Melanconium strigulae* Elenkin & Woron., Zhurnal Bolezni Raztenii (Jahrbuch für Pflanzenkrankheiten) 2 (3/4): 137 (1908).

On *Strigula nemathora* (thallus).

RWANDA. Forest of Nyungwe (Rugege) on hills between Mt Muzimu and Bigugu, above the river of Kalundura. c. 02°29'S 29°15'E. Alt. 2480 m. On leaves of *Xymalos monospora* in a mountain forest.

3.III.1972

leg. J. Lambinon (n. 72959)

det. E. Sérusiaux 2004

R. Santesson: FUNGI LICHENICOLI EXSICCATI**381 Lambinonia strigulae** (Elenkin & Woron.) Sérus. & Diederich

Lichenologist 37: 500–506 (2005). – *Melanconium strigulae* Elenkin & Woron., Zhurnal Bolezni Rastenii (Jahrbuch für Pflanzenkrankheiten) 2 (3/4): 137 (1908).

On *Strigula nemathora* (thallus).

HAITI. Southwest Dept., near Cape Dame Marie, about 10 miles N of village Dame Marie. c. 20°N 72°45' W.

26.XII.1945

leg. Joyce Hedrick Jones
det. R. Santesson 2005

R. Santesson: FUNGI LICHENICOLI EXSICCATI**382 Lichenocodium lecanorae** (Jaap) D.Hawksw.

Bull. Brit. Mus. (Nat. Hist.), Bot. 6(3): 270 (1979). – *Coniosporium lecanorae* Jaap, in Lindau, Verh. Bot. Ver. Prov. Brandenb. 47: 71 (1906). – Syn. *Lichenocodium parasiticum* D.Hawksw. (1977).

On *Parmelia sulcata* (thallus).

DENMARK. South Jutland, Bevtøft, W of Haderslev, the western outskirts of wood Hjartbro Krat. 55°12'N 09°13'E. On *Quercus*.

27.VIII.1970

leg. & det. M. Skytte Christiansen (n. 70553)

R. Santesson: FUNGI LICHENICOLI EXSICCATI**383 "Lichenostigma arctoparmeliae"** R. Sant. (ined.)

A provisional name of a fungus very common in northern Sweden. Requires further study.

On *Arctoparmelia centrifuga* (thallus).

SWEDEN. Härjedalen Prov., Tännäs par., Mt Gruvvålen just S of Glimsjön (= 2 km NE of Ramundbergets Fjällgård). 62°43'N 12°25'E. Alt. 920 m. On a large boulder.

26.VI.1994

leg. & det. Rolf Santesson (n. 33614)

R. Santesson: FUNGI LICHENICOLI EXSICCATI

384 "Lichenostigma arctoparmeliae" R. Sant. (ined.)

A provisional name of a fungus very common in northern Sweden. Requires further study.

On *Arctoparmelia centrifuga* (thallus).

SWEDEN. Jämtland Prov., Undersåker par., between River Sylälven and W side of Mt Herrklumpen, S of the Tourist Station of Sylarne. 63°2'N 12°16'E. Alt c. 1100 m. On a boulder in alpine heath.

5.VII.1962

leg. Ingvar Nordin (n. 1395)

det. R. Santesson

R. Santesson: FUNGI LICHENICOLI EXSICCATI

385 "Lichenostigma arctoparmeliae" R. Sant. (ined.)

A provisional name of a fungus very common in northern Sweden. Requires further study.

On *Arctoparmelia centrifuga* (thallus).

SWEDEN. Torne Lappmark Prov., The Torneträsk area, Abisko, near the Scientific Research Station. 68°21'N 18°40'E. Alt. 350–400 m. On a boulder in the subalpine birch forest.

6.VIII.1944

leg. & det. Rolf Santesson

R. Santesson: FUNGI LICHENICOLI EXSICCATI

386 Lichenostigma supertegentis Ihlen & R.Sant.

Isotype

in Ihlen, Lichenologist 36: 185–189 (2004).

On *Aspicilia supertegens* (thallus).

SWEDEN. Härjedalen Prov., Tännäs par., Mt Gruvvålen, 1 km SE of Lake Glimsjön. 62°43'N 12°25'E. Alt. 920 m. On rocks.

13.VII.1991

leg. R. Santesson (n. 32946) & R. Moberg

(Holotype in UPS)

R. Santesson: FUNGI LICHENICOLI EXSICCATI**387 Lichenostigma supertegentis** Ihlen & R.Sant.

in Ihlen, Lichenologist 36: 185–189 (2004).

On *Aspicilia supertegens* (thallus).

SWEDEN. Åsele Lappmark Prov. Vilhelmina par., c. 20 km ESE of Saxnäs, S shore of the rapid Dimforsen in the stream Kultsjöån. 64°56'N 15°44'E. Alt. 390 m. On rocks submerged by high water.

6.VIII.1991 leg. & det. Rolf Santesson (n. 32985)

R. Santesson: FUNGI LICHENICOLI EXSICCATI**388 Plectocarpon bunodophori** Wedin, Ertz & Diederich **Isotype**

in Ertz, Christnach, Wedin & Diederich, Bibliotheca Lich. 91: 25–31 (2005).

On *Bunodophoron patagonicum* (thallus).

NEW ZEALAND. North Island, Gisborne, Urewera Nat. Park, Lake Waiakaremoana, along Ngarmoko Track. 38°46'S 177°10'E. Alt. c. 960 m. Open ridge with mixed *Nothofagus menziesii* - *Ixerba brexioides*-*Dracophyllum* forest.

24.II.1992 leg. Mats Wedin (n. 4060)
(Holotype in UPS)

R. Santesson: FUNGI LICHENICOLI EXSICCATI**389 Plectocarpon concentricum** Ertz, Diederich & Wedin **Isotype**

in Ertz, Christnach, Wedin & Diederich, Bibliotheca Lich. 91: 34–36 (2005).

On *Pseudocyphellaria homoeophylla* (thallus).

NEW ZEALAND. South Island, Nelson, NW of Maruia Springs, E of Springs Junction, along Rough Creek Walk. 42°20'S 172°11'E. Alt. 750 m. In mature *Nothofagus fusca* forest, on rotten log.

16.I.1990 leg. Mats Wedin (n. 2710)
(Holotype in UPS)

R. Santesson: FUNGI LICHENICOLI EXSICCATI**390 Plectocarpon latisporum** Ertz, Diederich & Wedin **Isotype**

in Ertz, Christnach, Wedin & Diederich, Bibliotheca Lich. 91: 52–57 (2005).

On *Pseudocyphellaria coriifolia* (thallus).

ARGENTINA. Tierra del Fuego, c. 4 km NW of Ushuaia, Glaciar Martinal, below upper end station of chairlift. 54°47'S 68°23'W. Alt. 550 m. In *Nothofagus pumilio* forest on trunk of *Nothofagus antarctica*.

6.I.1989

leg. Mats Wedin (n. 1033)
(Holotype in UPS)

R. Santesson: FUNGI LICHENICOLI EXSICCATI**391 Plectocarpon lichenum** (Sommerf.) D.Hawksw.

in Hawksworth & Galloway, Lichenologist 16: 86 (1984). – *Dothidea lichenum* Sommerf., Suppl. Flora Lapp.: 224 (1826).

On *Lobaria pulmonaria* (thallus).

SCOTLAND. Isle of Skye, forest SW of Tokavaig, close to the sea. 57°08'N 05°58'W. Alt. 5 m. Forest with mainly *Corylus* and *Betula*, and some isolated *Quercus*.

8.VIII.2003

leg. & det. Paul Diederich (n. 15649)

R. Santesson: FUNGI LICHENICOLI EXSICCATI**392 Plectocarpon opegraphoideum** Christnach, Ertz, Diederich & Wedin

in Ertz, Christnach, Wedin & Diederich, Bibliotheca Lich. 91: 81–86 (2005).

On *Pseudocyphellaria cf. multifida* (thallus).

NEW ZEALAND. North Island, Wellington, Tararua State Forest, along track from Kiriwhakapapa entrance to Te Mira Peak. 40°48'S 175°31'E. Alt. 620 m. In an open *Nothofagus fusca* - *Weimannia* dominated forest on a ridge. On trunk of *Weimannia*.

11.I.1990

leg. & det. Mats Wedin (n. 2513)

R. Santesson: FUNGI LICHENICOLI EXSICCATI**393 Plectocarpon pseudoleuckertii** Diederich, Ertz & Wedin **Isotype**

in Ertz, Christnach, Wedin & Diederich, Bibliotheca Lich. 91: 89–92 (2005).

On *Pseudocyphellaria coriifolia* (thallus).

ARGENTINA. Rio Negro, Reserva National Nahuel Huapi, c. 30 km SW of Bariloche, 3 km SE of Villa Mascardi, along Arroyo Negro. 41°27'S 71°28'W. Alt. 1000–1070 m. In a *Nothofagus dombeyi* – *N. pumilio* forest along a stream. On a trunk of *Nothofagus dombeyi*.

16.I.1990 leg. Mats Wedin M. I. Messuti (n. 1847)
(Holotype in UPS)

R. Santesson: FUNGI LICHENICOLI EXSICCATI**394 Plectocarpon violaceum** Ertz, R.Sant., Diederich & Wedin

in Ertz, Christnach, Wedin & Diederich, Bibliotheca Lich. 91: 116–120 (2005).

On *Nephroma antarcticum* (thallus).

ARGENTINA. Tierra del Fuego, Tierra del Fuego Nat. Park, c. 16 km W of Ushuaia, east shore of Lago Roca. 54°48'S 68°34'W. Alt. 40 m. In a *Nothofagus pumilio* - *N. betuloides* forest. On the base of a dead tree.

7.I.1989 leg. & det. Mats Wedin (n. 1063)

R. Santesson: FUNGI LICHENICOLI EXSICCATI**395 Pronectria leptaleae** (J.Steiner) Lowen

Mycotaxon 39: 462 (1990). – *Pharcidia leptaleae* J.Steiner, in Frisch, Denkschr. Kaiserl. Akad. Wiss., Wien. Math.-Naturwiss. Kl. 68: 238 (1900) – *Nectriella leptaleae* (J.Steiner) R.Sant., Publs Herb. Univ. Uppsala 13: 11 (1984).

On *Physcia nubila* (thallus).

AUSTRALIA. Western Australia, Perth, Rottnest Island (W of Perth), W of Thomson Bay, S of Garden Lake. 31°59'S 115°31'E. Alt. 30 m. Scattered trees on limestone ground. On *Callitris?* along the road at Garden Lake.

18.II.1992 leg. R. Moberg & B. Owe-Larson (n. A1a:8)
det. R. Santesson

R. Santesson: FUNGI LICHENICOLI EXSICCATI**396 Sphaerellothecium minutum** Hafellner

Herzogia 9: 760–762 (1993).

On *Sphaerophorus globosus* (thallus).

SWEDEN. Jämtland Prov., Frostviken, W of Lake Stora Blåsjön, on the top of Mt Brattlidfjället. 64°47'N 14°01'E. Alt. 780 m. On open rock.

2.VIII.1993

leg. & det. Mats Wedin (n. 4674)

R. Santesson: FUNGI LICHENICOLI EXSICCATI**397 Stigidium microsporium** Etayo & Osorio

Comunic. Bot. Mus. Nac. Hist. Nat. Montevideo VI, 129: 12–15 (2004).

On *Teloschistes hosseusianus* (apothecia).

PERU. Dept. Cuzco, Prov. Urubamba, c. 4 km SE of Karas (WSW of Urubamba). 13°18'S 72°10'W. Alt. 3400 m. On shrubs.

22.III.1981 leg. R. Santesson, A. Tehler & G. Thor (n. P82:43)

det. R. Santesson

R. Santesson: FUNGI LICHENICOLI EXSICCATI**398 Taeniolella phaeophysciae** D.Hawksw.

Bull. Brit. Mus. (Nat. Hist.) Bot. 6(3): 255–257 (1979).

On *Phaeophyscia orbicularis* (thallus).

LUXEMBOURG. SE Lasauvage, Grand Bois. 49°31'N 05°51'E. Grid: IFBL: M7.48.23; UTM: GQ.08.

XI.2003

leg. & det. Paul Diederich (n. 15829)

R. Santesson: FUNGI LICHENICOLI EXSICCATI**399 Taeniolella verrucosa** M.S.Christ. & D.Hawksw.

in Hawksworth, Bull. Brit. Mus. (Nat. Hist.) Bot. 6(3): 258–260 (1979).

On *Micarea denigrata* (thallus).

DENMARK. Zealand, Karlstrup, N of Køge, Karlstrup Strandpark. On the horizontal surface of a wooden trail on the parking ground of the public park “Trylleskove”, near the seashore. 55°32’N 12°13’E. Associated with *Lecanora conizaeoides* parasitized by *Lichenocodium lecanorae*.

2.I.1981 leg. & det. M. Skytte Christiansen (n. 81001)

R. Santesson: FUNGI LICHENICOLI EXSICCATI**400 Xanthoriicola physciae** (Kalchbr.) D.Hawksw.

in Hawksworth & Punithalingam, Transact. Brit. Myc. Soc. 61(1): 67 (1973). – *Gymnosporium physciae* Kalchbr., Math. Termesz. Köxlem. 3: 299 (1865).

On *Xanthoria parietina* (apothecia).

BELGIUM. De Panne, Westhoek, NE border of nature reserve. 51°05’N 02°34’E. Grid: IFBL, C156. On *Sambucus* in a dune.

4.I.2008 leg. & det. Paul Diederich (n. 16730)

Corrections to fasc. 7 & 8:**R. Santesson: FUNGI LICHENICOLI EXSICCATI****151. *Arthonia peltigerea* Th. Fr. Isolectotype**

Bot. Notiser 1866: 15.

On *Peltigera rufescens* (thallus).

NORWAY. Troms: Tromsø, Mt Flöjfellet.

23.VI.1864

Th. M. Fries
(Lectotypus in UPS)**R. Santesson: FUNGI LICHENICOLI EXSICCATI****154. *Arthonia subconveniensi* Nyl. Isolectotype**

Flora 50: 440, 1887.

On *Lobaria peltigera* ("Ricasolia dissecta") (thallus).

BRAZIL. (Further statement of locality not given.)

1841–1847

J. F. Widgren
(Lectotypus in H)**R. Santesson: FUNGI LICHENICOLI EXSICCATI****186. *Lichenostigma rugosum* G. Thor**

Lichenologist 17: 269, 1985.

On *Diploschistes scruposus* (apothecia and thallus).CANARY ISLANDS. Tenerife: the upper part of the Orotava valley.
Between Aguamansa and El Portillo. 28°19'N 16°32'W. Alt. c. 1600 m.
On rocks in a thin *Pinus canariensis* forest.

7.I.1968

R. Santesson (n. 19451)

Corrections to fasc. 9 & 10 and 11 & 12:

R. Santesson: FUNGI LICHENICOLI EXSICCATI

204. *Cercidospora epicarphinea* (Nyl.) Grube & Hafellner

Nova Hedwigia 51: 337, 1990. – *Verrucaria epicarphinea* Nyl., Flora 55: 431, 1872. – Syn. *Cercidospora caudata* Kemst., Verhandl. zool.-bot. Gesellsch. Wien 44: 212, 1894. – *Cercidospora xanthoriae* (Wedd.) R. Sant., The lichen and lichenicolous fungi of Sweden and Norway: 57: 1993; *Sphaeria xanthoriae* Wedd., Bull. Soc. Bot. France 21: 347, 1874.

On *Caloplaca scoriophila* (thallus and apothecia).

CANARY ISLANDS. Gran Canaria: 10 km N of Los Ingleses, Arteara. 27°51'N 15°34'W. Alt. c. 700-900 m. On a rather dry slope with shrubs.

9.II.1986

R. Santesson (n. 31420a)

Note. The holotype (in PC) of *Sphaeria xanthoriae* Wedd. has been studied and found identical with *C caudata*. Some statements in the original diagnosis (e.g. "sporis – unilocularibus") are erroneous. The dark mycelium on the host lichen belongs to a still unidentified fungus.

R. Santesson: FUNGI LICHENICOLI EXSICCATI

215. *Plectocarpon lambinonii* Diederich & Etayo

Nord. J. Bot. 14: 590–592 (1994).

On *Lobaria meridionalis* (thallus).

RUSSIA. Primorskii: Lazovskii Distr., Lazovski Reserve, valley of the river Sukhoi Kluch. 43°02'N 133°46'E. Alt. c. 200 m.

28.IX.1991

R. Santesson (n. 33355)

R. Santesson: FUNGI LICHENICOLI EXSICCATI

216. *Plectocarpon sampaiana* Diederich & Etayo

Nord. J. Bot. 14: 594–595 (1994).

On *Fuscopannaria sampaiana* (thallus).

SCOTLAND. Inverness par., Glen Nevis, northernmost part. On trunks of *Fraxinus* by a road.

23.VI.1967

leg. G. Degelius
det. R. Santesson

R. Santesson: FUNGI LICHENICOLI EXSICCATI

217. Plectocarpon scrobiculatae Diederich & Etayo

Nord. J. Bot. 14: 596–598 (1994).

On *Lobaria scrobiculata* (thallus).

NORWAY. Sör-Trøndelag: Rissa par., in the valley of the river Sörelv, not far from the river Stavsletelv (c. 3 km E of Vollavatn). 63°44'N 10°20'E. On *Alnus incana* in an *Alnus* grove.

31.VII.1961

R. Santesson (n. 14336)

R. Santesson: FUNGI LICHENICOLI EXSICCATI

294. Syzygospora bachmannii Diederich & M.S. Christ. **Isotype**

in Diederich, Bibl. Lich. 61: 30–35 (1996).

On *Cladonia subrangiformis* (thallus).

LUXEMBOURG. Gutland, E of Ernster, Warschent. IFBL: L8.57.22; UTM: KA 90. 49°40'N 6°15'E. On the ground in a grassy plain.

25.IX.1990

leg. & det. P. Diederich (n. 9153)

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Tremella hypogymniae 296 (France)
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Trichonectria hirta 124 (Luxembourg)
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Unguiculariopsis thallophila 224 (S; Vg), 300 (Austria)
Wentiomyces peltigericola 125 (S; Hrj)
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Vouauxiomyces ramalinae 48 (S; Upl), 99 (S; Gtl), 150 (S; Gtl)
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Vouauxiomyces truncatus 75 (England), 199 (Austria), 349 (Austria)
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Zwackhiomyces coepulonus 225 (Austria)
Zwackhiomyces martinianus 250 (Austria)
Zwackhiomyces peltigerae 350 (Austria)

New taxa described

- Arthonia gelidae R. Sant. 52
 Arthonia linitae R. Sant. 101
 Karschia inops Triebel & Rambold 167
 Lichenopeltella epiphylla R. Sant. 112
 Plectocarpon cladomae R. Sant. 172
 Stigmatidium icmadophilae R. Sant. 42

New combinations

- Endococcus apicicola (J. Steiner) R. Sant. Thunbergia 22: 23 (1994)
 Nectriella leptaleae (J. Steiner) R. Sant. 27 (now Pronectria 1.)
 Nectriella subimperspicua (Speg.) R. Sant. 27 Note (now Pronectria s.)
 Roseilinula frustulosae (Vouaux) R. Sant. 119
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 Arthonia linitae R.Sant. 101
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