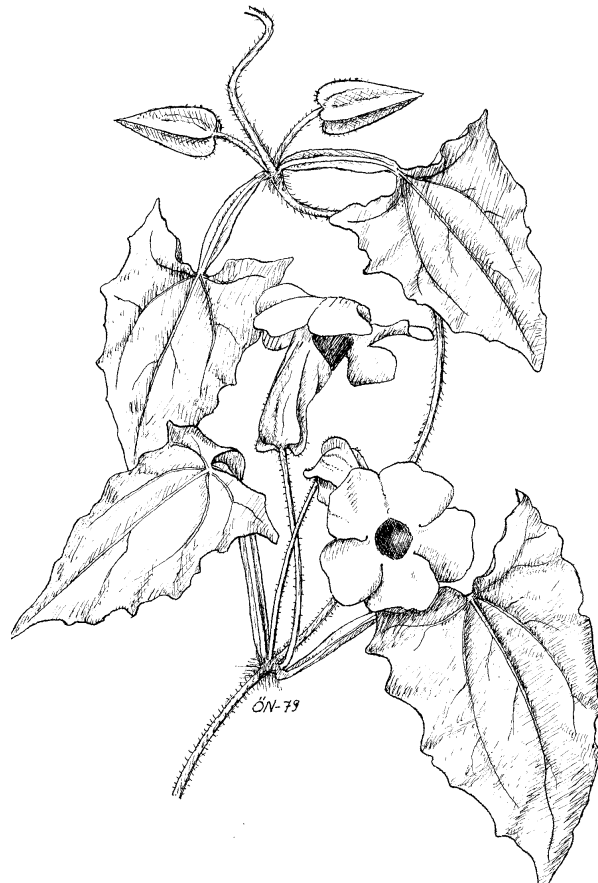


THUNBERGIA

28



Rolf Santesson

Fungi Lichenicoli Exsiccati

Fasc. 11 & 12 (Nos 251–300)

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1998

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Santesson, R., 1998. Fungi lichenicoli exsiccati. Fasc. 11 & 12 (nos. 251–300). – *Thunbergia* 28: 1–19. ISSN-0283-2275.

A new species, *Lichenopeltella thamnoliae* R. Sant. is described. Isotypes of *Arthonia tavaresii* Grube & Hafellner, *Lichenopeltella thamnoliae* R. Sant., *Phacopsis lethariellae* Hafellner, *Polydesmia lichenis* Huhtinen & R. Sant., *Sclerococcum leuckertii* Diederich & P. Scholz, *Tremella cetrariicola* Diederich & Coppins, *Tremella hypogymniae* Diederich & M.S. Christ., *Tremella lobariacearum* Diederich & M.S. Christ. and topotypes of *Nectria brutia* Diederich & Puntillo are distributed.

R. Santesson, Botanical Museum (Fytoteket), Uppsala University, Villavägen 6, SE-752 36 Uppsala, Sweden.

Valuable material for these fascicles was received especially from J. Hafellner and P. Diederich, but also from V. Calatayud, M.S. Christiansen (†) A.M. Cleef, J. Miadlikowska, R. Moberg, W. Obermayer, J. Poelt (†), B. Puntillo, P. Scholz, L. Tibell, R. Türk, M. Wedin, H. Wittmann and M. Zhurbenko. Many thanks!

R. Santesson: FUNGI LICHENICOLI EXSICCATI**251. Arthonia clemens** (Tul.) Th. Fr. s. str.

K. Svenska Vet.-Akad. Handl. 7(2): 46 (1867). – *Phacopsis clemens* Tul., Ann. Sci. Nat. bot., sér. 3, 17: 124 (1852).

On *Rhizoplaca chrysoleuca* (thallus).

CHINA. Tibet (= Xizang Prov.), way from Quamdo (= Changtu) to Nagqu (= Nakchu), 180 km E of Nagqu. 31°52'N 93°55'E. Alt. 4000 m. On bird perch rock (schist).

10.VII.1994

leg. W. Obermayer (n. 3923)

det. J. Hafellner

R. Santesson: FUNGI LICHENICOLI EXSICCATI**252. Arthonia diploiciae** Calatayud & Diederich

in Calatayud, Atienza & Barreno, Mycotaxon 55: 366–367 (1995).

On *Disploicia canescens* (thallus).

IRELAND. Kerry, Dingle Peninsula, close to Ballyoughteragh N of Baile by Ballyferriter. 52°10'N 10°28'W. Lower parts of walls round pasture lands.

16.VIII.1978

leg. J. Poelt

det. J. Hafellner (n. 23954)

R. Santesson: FUNGI LICHENICOLI EXSICCATI**253. Arthonia excentrica** Th. Fr.

K. Svenska Vet.-Akad. Handl. 7(2): 46 (1867). – *Arthonia vagans* Almq. var. *excentrica* (Th. Fr.) Almq., K. Svenska Vet.-Akad. Handl. 17(6): 55 (1880).

On *Leprocaulon* sp. (thallus).

PERU. Pasco Dept., Cerro de Pasco Prov., c. 3 km SE of Cerro de Pasco. 10°42'S 76°15'W. In an open alpine heath on calciferous ground.

17.II.1981

leg. R. Santesson & R. Moberg (n. P28:21)

det. R. Santesson

R. Santesson: FUNGI LICHENICOLI EXSICCATI

254. Arthonia glaucomaria Nyl.

Mém. Soc. Imp. Sci. Nat. Cherbourg 4: 98 (1856). (Not *Lecidea glaucomaria* Nyl. 1852)

On *Lecanora helicopis* (apothecia).

SWEDEN. Skåne Prov., the island Hallands Väderö, St. Måseskär. 56°26'N 12°34'E. On maritime rocks.

26.VIII.1971 leg. & det. M. Skytte Christiansen (n. 71415a)

R. Santesson: FUNGI LICHENICOLI EXSICCATI

255. Arthonia tavaresii Grube & Hafellner

Isotype

in Grube, Matzer & Hafellner, Lichenol. 27: 40–41 (1995).

On *Pyrenula* sp. (thallus).

CANARY ISLANDS. Tenerife, Macizo de Anaga, Monte de las Mercedes, by the deviating to El Moquinal NE over Las Mercedes. 28°31'30"N 16°17'W. Alt. 880 m. On the trunks of evergreen trees.

8.II.1989 leg. J. & A. Hafellner (n. 23619)
det. J. Hafellner
(Holotype in GZU)

R. Santesson: FUNGI LICHENICOLI EXSICCATI

256. Buelliella physciicola Poelt & Hafellner

in Hafellner, Nova Hedw., Beiheft 62: 155–158 (1979).

On *Phaeophyscia hispidula* (thallus).

MEXICO. Chihuahua, Sierra Madre Occidental, mountains SSW of Ciudad Guerrero, valley of Arroyo Ancho, 9 km W of paved road to Creel, by the secondary dirt road to Heredia y Anexas. 28°11'50"N 107°33'10"W. Alt. 2300 m. Narrow canyon, on steep rock faces at the base of basaltic cliffs exposed to the N.

23.VIII.1994 leg. & det. J. Hafellner (n. 37875)

R. Santesson: FUNGI LICHENICOLI EXSICCATI

257. *Cercidospora epipolytropa* (Mudd) Arnold

Flora 57: 154, 175 (1874). – *Thelidium epipolytropum* Mudd, Man. Brit. Lich.: 298 (1861).

On *Lecanora geophila* (thallus).

RUSSIA. Krashoyarsk Territory, Taimyr Peninsula, Byrranga Mts, northern part of Lake Levison-Lessing at the mouth of River Krashaya. 74°34'N 98°52'E. Alt. 500 m. On the flat top of a ridge.

20.VIII.1995

leg. M. Zhurbenko (n. 952)

Note: *C. epipolytropa* and *C. ulothii* are closely related. In these specimens the 4-spored asci are as abundant as the 8-spored, but the spores are small, 16–18x5–7 µm. Confer Poelt, Int. J. Myc. & Lichenol. 3(1): 62 (1986).

R. Santesson: FUNGI LICHENICOLI EXSICCATI

258. *Cercidospora macrospora* (Uloth) Hafellner & Nav.-Ros.

Intern. Assoc. Lich. 3 (Salzburg), Abstracts: 121 (1996). – *Phacopsis macrospora* Uloth, Flora 44: 653 (1861). – *Cercidospora ulothii* Körb., Parerga Lich.: 466, 1865. Hafellner, Herzogia 7: 362–363 (1987).

On *Lecanora muralis* (thallus, apothecia).

SWEDEN. Uppland Prov., Österlövsta par., Lövestabruk, c. 5 km SE of Österlövsta, just W of the village. 16°24'N 17°58'E. Alt. 20 m. On old roofing-tiles by the road.

11.V.1996

leg. & det. J. Hafellner

R. Santesson: FUNGI LICHENICOLI EXSICCATI

259. *Chaenothecopsis kalbii* Tibell & K. Ryman

Nova Hedw. 60: 206–208 (1995).

On *Lecanora caesiorubella* (thallus and apothecia).

AUSTRALIA. Queensland, Tandora, about 25 km ENE of Maryborough. 25°27'S 152°52'E. Mangroves.

23.VIII.1986

leg. J. Hafellner (n. 17926) & R. Rogers
det. L. Tibell

R. Santesson: FUNGI LICHENICOLI EXSICCATI

260. *Clypeococcum hypocenomycis* D. Hawksw.

Notes RBG Edinb. 38: 167–169 (1980).

On *Hypocenomyce scalaris* (thallus).

AUSTRIA. Steiermark, Northern Kalkalpen, Hochschwab Group, Laminggraben NW of Tragöss, Gropperwald NE below Lamingsattel. MTB 8455/4. 47°32'30"N 14°59'30"E. Alt. 1500 m. Larix forest, corticolous on *Larix decidua*.

26.X.1996 leg. J. Hafellner (n. 41927) & I. Martinez
det. J. Hafellner

R. Santesson: FUNGI LICHENICOLI EXSICCATI

261. *Dactylospora homoclinella* (Nyl.) Hafellner

Nova Hedw., Beiheft 62: 112–114, 1979. – *Lecidella homoclinella* Nyl., Flora 55. 361 (1872).

On *Lecanora subcarnea* (thallus).

USA. California, Los Angeles Co., Santa Catalina Island, S of Little Harbour (W. side of the island), between Cottonwood Canyon and Mills Landing. 33°22'N 118°29'W. Alt. 50–100m. On exposed rocks.

5.IV.1966 leg. R. Santesson (n. 17333)

Note: In some specimens also have a *Phaeosporobolus* sp.

R. Santesson: FUNGI LICHENICOLI EXSICCATI

262. *Dactylospora pertusaricola* (Willey ex Tuck.) Hafellner

Nova Hedw., Beiheft 62: 122–124 (1979). – *Buellia pertusaricola* Willey ex Tuck., Synops. North Americ. Lich. 2: 108 (1888).

On *Pertusaria* cf. *cribellata* Branth (= ?*P. solitaria* H. Magn., nom. illegit.) (thallus, apothecia).

RUSSIA. Krashoyarsk Territory, Taimyr Peninsula, Byrranga Mts, near extremity northern part of Lake Levison-Lessing at the mouth of River Krashaya. 74°33'N 98°35'E. Alt. 60–100 m. In stonefield spread over gentle mountain slope.

21.VII.1995 leg. M. Zhurbenko (n. 951)

R. Santesson: FUNGI LICHENICOLI EXSICCATI**263. Endococcus parietinarius** (Linds.) Clauzade & Cl. Roux

Champ. Lichenic. non Lich.: 28 (1976); Roux & Triebel, Bull. Soc. linn. Provence 45: 538–539 (1984) – *Microthelia parietinarius* Linds., Trans. R. Soc. Edinb. 25: 541 (1869).

On *Rinodina gennarii* (thallus).

DENMARK. E. Zealand, Greve, SW of Copenhagen, Mosede Strand. 55°36'N 12°15'E. Alt. 0.3–1 m. On a perpendicular wall of concrete near the seashore.

15.II.1981 leg. & det. M. Skytte Christiansen (n. 81018)

R. Santesson: FUNGI LICHENICOLI EXSICCATI**264. Hemigrapha tenellula** (Müll. Arg.) R. Sant. ex Matzer

Mycol. Papers 171: 110–114 (1996). – *Melanographa tenellula* Müll. Arg., Flora 66: 350 (1883).

On *Porina similis* and *P. impressa* (thallus).

AUSTRALIA. New South Wales Prov., Dorrigo National Park, along Wonga Walk, 4.5 km E of Dorrigo. 30°23'S 152°43'E. Alt. 650 m. On leaves of *Rhipogonum discolor*.

19.IV.1981 leg. L. Tibell (n. 12494)
det. R. Santesson

R. Santesson: FUNGI LICHENICOLI EXSICCATI**265. Illosporium carneum** Fr. coll.

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

On *Peltigera didactyla* (thallus).

SWEDEN. Torne Lappmark Prov., the Torneträsk area, Abisko, near the Tourist Station. 68°20'N 18°51'E. Alt. 385 m. On the railway bank.

16.VIII.1947 leg. R. Santesson

Note: In some specimens of this number there are a few ascocarps of *Pronectria erythrinella* (Nyl.) Lowen.

R. Santesson: FUNGI LICHENICOLI EXSICCATI

266. Lichenodiplis lecanorae (Vouaux) Dyko & D. Hawksw

in Hawksworth & Dyko, Lichenol. 11: 52 (1979). – *Diplodina lecanorae* Vouaux in Pitard & Harmand, Bull. Soc. Bot. Fr., Mém. 22: 69 (1912).

On *Caloplaca vitellinula* (apothecia).

NORWAY. Finnmark Prov., Varanger Peninsula, Nesseby par., Nesseby. On boulders at the sea-shore.

3.VIII.1966

leg. L. Tibell (n. 2808)

det. R. Santesson

R. Santesson: FUNGI LICHENICOLI EXSICCATI

267. Lichenopeltella thamnoliae R. Sant. sp. nov.

Isotype

Ascomata catathecia, complanata clypeata, nigra, nitida, ostiolata, 60–100 μm diam., c. 20–40 μm alta. Setae nullae. Asci 4-spori. Ascospores ellipsoidae, hyalinae, 1-septatae, 11.5–16 x 2.5–5 μm .

On *Thamnolia vermicularis* v. *vermicularis* (thallus).

COLOMBIA. Boyacá, Páramo de Pisva, 5 km E of Los Pinos. 5°27'N 73°21'W. Alt. 3750 m.

14.VI.1972

leg. A.M. Cleef (no. 4540b)

(Holotype in UPS)

Ascomata clustered to crowded in the inner parts of pale to dark brown 1–8 x 1–2 mm large patches on the lichen thallus. Ascomata catathecia, flattened clypeiform, 60–100 μm diam., c. 20–40 μm high, margin entire, the upper wall, one cell thick, composed of radially arranged dark brown quadrangular, 3–4 μm large cells, ostiole central, without setae. Asci ovoid to obclavate, 26–29 x 8–9 μm , 4-spored. Ascospores smooth, ellipsoid, with a single median septum, 11.5–16 x 2.5–5 μm , no setulae seen.

In Aptroot et al., Bibl. Lich. 64: 83–85, 1997, P. Diederich gave a key to the 26 lichenicolous species of *Lichenopeltella*, including *L. thamnoliae*. This species is at present known from Venezuela (Mérida, R. Santesson 29444), Colombia (Boyacá, A.M. Cleef 2903c and 4540b), Ecuador (Chimborazo, E. Asplund L. 218 and Pichincha, A. Aptroot & A. Henssen 11149b) and Peru (Huanuco, R. Santesson & R. Moberg P50: 52), all in UPS and on *Thamnolia vermicularis*.

R. Santesson: FUNGI LICHENICOLI EXSICCATI

268. Lichenosticta alcicorniaria (Linds.) D. Hawksw.

in Hawksworth, P. James & Coppins, Lichenol. 12: 107 (1980). – *Microthelia alcicorniaria* Linds., Quart. J. microsc. Sci. 9: 349 (1869).

On *Cladonia fimbriata* (thallus).

SWEDEN. Uppland Prov., Österlövsta par., Lövstabruk, c. 5 km SE of Överlövsta, just E of the castle. 16°24'30"N 17°58'30"E. Alt. 20 m. Open mixed forest, on bark of *Ulmus* near the base.

10.V.1996

leg. & det. J. Hafellner (n. 37381)

R. Santesson: FUNGI LICHENICOLI EXSICCATI

269. Llimoniella neglecta (Vainio) Triebel & Rambold

in Kümmerling, Triebel & Rambold, Bibl. Lich. 53: 155 (1993). – *Nesolechia neglecta* Vainio, Acta Soc. Fauna Fl. Fenn. 57(2): 318 (1934).

On *Lepraria neglecta* (thallus).

SWEDEN. Uppland Prov., Funbo par., near the parish church. 59° 51'30"N 17°51'30"E. On a large boulder in a meadow.

23.X.1955

R. Santesson (n. 11146)

Note: In some specimens there are ascomata of a *Stigmidium* sp.

R. Santesson: FUNGI LICHENICOLI EXSICCATI

270. Marchandiomyces corallinus (Roberge) Diederich & D. Hawksw.

in Diederich, Trav. Sc. Mus. Nat. Hist. Luxembourg 14: 247–248 (1989). – *Illosporium corallinum* Roberge, Ann. Sci. Nat. Bot. sér. III, 10: 342 (1848).

On *Physcia aipolia* (thallus).

FRANCE. Vaucluse, col de Gordes, 2 km S of Gordes. 43°54'N 5°12'E. Alt. 350 m.

21.IV.1995

leg. P. Diederich (n. 12325), G. Clauzade, P. Navarro & C. Roux
det. P. Diederich

R. Santesson: FUNGI LICHENICOLI EXSICCATI

271. *Minutoexcipula tuckeræ* V. Atienza & D. Hawksw.

Mycol. Research 98: 587–592 (1994).

On *Pertusaria* sp. (thallus).

MEXICO. Baja California Sur, 5 km from San Pedro along Hwy 19, at microondas just N of El Carrizal turnoff. 23°50'N 110°15'W. Alt. 230 m. On lignum.

17.II.1993

leg. R. Moberg (n. 10348)

det. R. Santesson

R. Santesson: FUNGI LICHENICOLI EXSICCATI

272. *Nectria brutia* Diederich & Puntillo

Topotype

Bull. Soc. Nat. luxemb. 96: 95–98 (1995).

On *Collema* sp. (thallus)

ITALY. Calabria, Cosenza, Montalto Uffugo, Albisano. 39°24'N 16°09'E. Alt. 250 m. On *Quercus pubescens*.

14.VII.1994

leg. D. Puntillo

R. Santesson: FUNGI LICHENICOLI EXSICCATI

273. *Opegrapha pulvinata* Rehm

in Lojka, Verh. Zool.-Bot. Ges. Wien 29: 500 (1869).

On *Dermatocarpon americanum* (thallus).

MEXICO. Sonora Prov., 33 km SW of Moctezuma, S of the road to Hermosillo. 29°38'N 109°56'W. Alt. 950 m. Gentle N-facing slope above the stream, open oak forest, on low NE-facing cliffs of basaltic rock.

10.II.1993

leg. J. & A. Hafellner (n. 37658)

det. J. Hafellner

R. Santesson: FUNGI LICHENICOLI EXSICCATI**274. *Perigrapha superveniens* (Nyl.) Hafellner**

Nova Hedw. 63: 173–181 (1996). – *Melanotheca superveniens* Nyl., Flora 47: 385 (1864). – *Metasphaeria superveniens* (Nyl.) Sacc. & D. Sacc., Syll. Fung. 17: 706 (1905).

On *Parmelia sulcata* (thallus).

MADEIRA. By the road from Camacha to Poiso, slightly sloping, towards SW open part of a valley close under Carreiras. 32°40'30"N 16°52'W. Alt. 890 m. On branches of a fallen *Quercus* in a thin *Quercus-Castanea* forest.

12.II.1990

leg. J. & A. Hafellner (n. 23380)

det. J. Hafellner

R. Santesson: FUNGI LICHENICOLI EXSICCATI**275. *Phacopsis lethariellae* Hafellner & Rambold****Isotype**

in Triebel, Rambold & Elix, Bryol. 98: 77 (1995).

On *Lethariella intricata* (thallus).

CANARY ISLANDS. La Gomera, Fortaleza SE above the village Chipude. 28°05'40"N 17°16'W. Alt. 1180 m. On vertical rocks.

20.II.1991

leg. & det. J. Hafellner (n. 31037)

(Holotype in GZU)

R. Santesson: FUNGI LICHENICOLI EXSICCATI

276. *Phacopsis oxyspora* (Tul.) Triebel & Rambold var. *oxyspora*

Nova Hedw. 47: 300 (1988). – *Abrothallus oxyspora* Tul., Ann. Sci. Nat. Bot. sér. 3, 17: 116 (1852). – *Nesolechia oxyspora* (Tul.) A. Massal., Symmicta Lich.: 75 (1855).

On *Punctelia subrudecta* (thallus).

AUSTRALIA. New South Wales Prov., Weddin Mountains Nat. Park, 16 km SW of Grenfell. 34°01'S 148°03'E. Alt. 420 m. Dry sclerophyll forest along rocky seasonal stream. On shaded boulder.

10.III.1992. leg. R. Moberg & B. Owe-Larsson (n. A60b:6)
det. R. Santesson

Note: Previously *P. oxyspora* has been distributed in this exsiccatum as *Nesolechia oxyspora*. Of these n. 28 (from Sweden) is v. *oxyspora*, n. 189 (from Canary Isl.) is v. *fusca* Triebel & Rambold, and n. 189 (from Peru) is v. *defecta* Triebel & Rambold. *Phacopsis oxyspora* v. *defecta* is found also in some specimens of n. 77 (*Abrothallus parmeliarum*, from Peru).

R. Santesson: FUNGI LICHENICOLI EXSICCATI

277. *Plectocarpon macaronesiae* Diederich, Etayo & Sérus.

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

On *Lobaria commixta* (thallus).

CANARY ISLANDS. El Hierro, Camino de Jinama E of the village Frontera. 27°45'20"N 17°59'W. Alt. 920 m. In a *Laurus* forest on a steep, N-exposed slope. On branches of *Ilex canariensis*.

16.II.1995 leg. & det. J. Hafellner (n. 43917)

R. Santesson: FUNGI LICHENICOLI EXSICCATI**278. Polycoccum pulvinatum** (Eitner) R. Sant.

The lichens and lichenicolous fungi of Sweden and Norway: 175 (1993). – *Tichothecium pulvinatum* Eitner, 78 Jahresber. d. schles. Ges. 1900: 26 (1901). – *Polycoccum galligenum* Vezda, Česká Mycol. 23: 107–109 (1969).

On *Physcia tribacea* (thallus).

SPAIN. Castelló, Serra d'Espada, Azuebar, Barranca Mosquera. 30SYK2417. 39°52'26"N 0°22'21"W. Alt. 620 m. On large boulders of hard sandstone, close to a cork oak forest.

25.X.1997 leg. V. Calatayud, M. Tretiach & E. Barreno
(n. 7825 VAB-lich.) det. V. Calatayud

R. Santesson: FUNGI LICHENICOLI EXSICCATI**279. Polydesmia lichenis** Huhtinen & R. Sant.**Isotype**

Lichenol. 29: 205–208 (1997).

On *Peltigera aphthosa* (thallus).

SWEDEN. Uppland Prov, Skogs-Tibble par., ESE of Ulvandsvad. 59°52'40"N 17°17'E. In a *Picea abies* forest.

2.X.1955 R. Santesson (n. 11120)
(Holotype in UPS)

R. Santesson: FUNGI LICHENICOLI EXSICCATI**280. Pronectria subimperspicua** (Speg.) Lowen

Mycotaxon 39: 462 (1990). – *Nectria subimperspicua* Speg., Anal. Mus. Nac. Hist. Nat. Buenos Aires 6: 290 (1899).

On *Punctelia borreri* (thallus).

CHINA. Yunnan Prov., Kunming Distr., Anning Co., Hot Springs (c. 30 km SW of Kunming). 24°48'N 103°27'E. Alt. 1800 m. On a trunk.

28.IX.1987 R. Santesson (n. 32294)

Note: Spegazzini reported the species (from Argentina) as growing on *Lobaria* (*Ricasolia*) *casarettoana*. The host of the type specimen (LPS) is *Punctelia constati-montium*.

R. Santesson: FUNGI LICHENICOLI EXSICCATI**284. *Skyttea cruciata*** Sherwood, D. Hawksw. & Coppins

Trans. Br. mycol. Soc. 75: 484 (1980).

On *Diploicia canescens* (thallus).

CANARY ISLANDS. El Hierro, La Dehesa, Valle Quemado N of Santuario Virgen de los Reyes. 27°44'40"N 18°07'40"W. Alt. 550 m. Open *Juniperus phoenicea*-stands on a gentle W-slope. On the trunks of *J. phoenicea*.

5.II.1995

leg. & det. J. Hafellner (n. 37012)

R. Santesson: FUNGI LICHENICOLI EXSICCATI**285. *Skyttea nitschkei*** (Körb.) Sherwood, D. Hawksw. & Coppins

Trans. Br. mycol. Soc. 75: 488–489 (1980). – *Nesolechia nitschkei* Körb., Parerga Lich.: 462 (1865).

On *Thelotrema lepadinum* (thallus).

AUSTRIA. Steiermark, Hochschwab group, Fölz NW of Aflenz, in the lowest part of Mitterbachgraben W of Gasthof Schwabenbartl. 47°34'15"N 15°19'30"E. Alt. 860 m. On *Fagus* in a *Fagus-Picea abies* forest.

14.VI.1996

leg. M. Wedin & J. Hafellner
det. J. Hafellner

R. Santesson: FUNGI LICHENICOLI EXSICCATI**286. *Sphaerellothecium cladoniicola*** E.S. Hansen & Alstrup

Graphis Scripta 7: 35–37 (1995).

On *Cladonia stygia* (thallus).

SWEDEN. Småland Prov., Ljungby par., on the bog Maråsmossen, 2 km E of Ljungby along the road to Vislanda. 56°37'N 16°15'E. Alt. 160 m. On tufts of *Eriophorum vaginatum*.

27.VII.1970

leg. & det. M. Skytte Christiansen (n. 70278a)

R. Santesson: FUNGI LICHENICOLI EXSICCATI**287. Sphaerellothecium minutum** Hafellner

Herzogia 9: 760–762 (1993).

On *Sphaerophorus globosus* (thallus).

ARGENTINA. Tierra del Fuego, Ca 35 km NE of Ushuaia, N side of Paso Garibaldi, on top of a small hill, S of Lago Escontida. 54°42'S 67°47'W. Alt. 380 m. Among *Empetrum rubrum* bordering bare rock.

10.I.1989

leg. & det. M. Wedin (n. 1136b)

R. Santesson: FUNGI LICHENICOLI EXSICCATI**288. Sphaerellothecium parmeliae** Diederich & Etayo

in Etayo & Diederich, Lichenol. 30: 117–119 (1998).

On *Parmelia saxatilis* (thallus).

SWEDEN. Västergötland Prov., Vänersnäs par., Halleberg, Hallesnipan. 58°25'N 12°27'E. On an exposed diabasic rock.

15.VI.1944

leg. & det. R. Santesson

R. Santesson: FUNGI LICHENICOLI EXSICCATI**289. Sphaerellothecium parmeliae** Diederich & Etayo

in Etayo & Diederich, Lichenol. 30: 117–119 (1998).

In *Parmelia saxatilis* (thallus).

FRANCE. Pyrénées-Atlantiques Prov., S of Tardets-Sorholus, Ste-En-grace, towards Pierre-St-Martin, 3 km from the last building. 43°07'N 0°51'W. On *Fagus* in a Abieti-Fagetum.

17.VII.1991

leg. P. Diederich (n. 9533) & J. Etayo
det. P. Diederich

R. Santesson: FUNGI LICHENICOLI EXSICCATI**290. *Sphinctrina anglica* Nyl.**

Mém. Soc. Imp. Sci. nat. Cherbourg 5: 334 (1857).

On a sterile lichen thallus (*Protoparmelia?*)

AUSTRIA. Osttirol, Hohe Tauern, Venediger group, Virgental, S-exposed slope above Zedlach. MTB 8940/4. 47°00'20"N 12°29'20"E. Alt. 1340 m. On fence boards.

1.IX.1988

leg. & det. J. Hafellner (n. 22084)

R. Santesson: FUNGI LICHENICOLI EXSICCATI**291. *Stigidium congestum* (Körb.) Triebel**

in Triebel, Rambold & Nash, Mycotaxon 42: 290 (1991). – *Pharcidia congesta* Körb., Parerga Lich.: 470 (1865).

On *Lecanora chlarothera* (apothecia).

AUSTRIA. Steiermark, Gleinalpe, 29 km NW of Graz, the valley of Übelbach, Neuhofgraben, c. 0.5 km E of Wirthaus Hoyer. 47°14'N 15°08'E. Alt. 840 m. On *Fraxinus excelsior*.

28.III.1991

leg. H. Wittmann (n. 8756/4)
det. R. Santesson

R. Santesson: FUNGI LICHENICOLI EXSICCATI**292. *Stigidium psorae* (Anzi) Hafellner**

in Vézda, Lich. Sel. Exs. n. 1975 (1884). – *Sphaerella psorae* Anzi, Atti soc. Ital. Sci. Nat. 11: 180 (1868).

On *Psora decipiens* (thallus).

AUSTRIA. Kärnten, Hohe Tauern National Park, the Ankogel group, slope E of the Hagener hut towards the Greilkopf, NW of Mallnitz. MTB 8944/4. 47°07'30"N 13°05'45"E. Alt. 2350–2450 m. On earth in crevices.

28.VII.1989

leg. R. Türk & J. Hafellner (n. 23980)
det. J. Hafellner

R. Santesson: FUNGI LICHENICOLI EXSICCATI**293. Stigmidium pumilum** (Lettau) Matzer & Hafellner

Bibl. Lich. 37: 115–120 (1990). – *Rosellinia pumila* Lettau, Feddes Repert. 61(2): 150 (1958).

On *Physcia caesia* and *P. dubia* (thallus).

AUSTRIA. Steiermark, Eisenerzer Alps, Zeiritzkampel N of Kalwang, just E of the summit. 47°29'30"N 14°43'45"E. Alt. 2100 m. On calcareous rock.

29.VIII.1997

leg. J. & A. Hafellner (n. 41057)

det. J. Hafellner

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)

R. Santesson: FUNGI LICHENICOLI EXSICCATI**295. Tremella cetrariicola** Diederich & Coppins **Isotype**

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

On *Tuckermannopsis chlorophylla* (thallus).

SCOTLAND. VC 96, Easterness, NW of Fort Augustus, Ceannacroc Forest, Torgyle Bridge. 57°08'N 4°41'W. On *Pinus sylvestris*.

1.VI.1987

leg. P. Diederich (n. 8864) & B. Coppins
(Holotype in E)

R. Santesson: FUNGI LICHENICOLI EXSICCATI**296. Tremella hypogymniae** Diederich & M.S. Christ. **Isotype**

in Diederich, Bibl. Lich. 61: 90–95 (1996).

On *Hypogymnia physodes* (thallus).

FRANCE. Pyrénées-Atlantiques Prov., S of Arette, a little below Chalet d'Oumarre. 43°06'N 0°43'W. On *Abies* in a forest.

29.VII.1990 leg. P. Diederich (n. 9145)
(Holotype in LG)

R. Santesson: FUNGI LICHENICOLI EXSICCATI**297. Tremella lobariacearum** Diederich & M.S. Christ. **Isotype**

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

On *Lobaria pulmonaria* s.l. (thallus).

MADEIRA. Between Ponta do Sol and Porto Moniz, Rabacal. 32°45'N 17°07'W. Alt. 1000 m.

8.IV.1992 leg. P. Diederich (n. 4935)
(Holotype in LG)

R. Santesson: FUNGI LICHENICOLI EXSICCATI**298. Tremella lobariacearum** Diederich & M.S. Christ.

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

On *Lobaria isidiosa* (thallus).

RUSSIA. Primorskii Region, Lazovskii Distr., Lazovski Reserve, valley of the river Sukhoi Kluch. 43°02'N 133°45'E. Alt. 200 m.

28.IX.1991 leg. R. Santesson (n. 33354)
det. P. Diederich 1995

Note: Named *Lobaria isidiosa* f. *sphyridioides* by Vainio, Philippine J. Sc., sect. 8: 129, 1913. Diederich (1996: 107) lectotypified Vainio's name on the *Lobaria* part of the specimen, not on the parasite.

R. Santesson: FUNGI LICHENICOLI EXSICCATI

299. Tremmatostroma lichenicola M.S. Christ. & D. Hawksw.

in Hawksw., Bull. Brit. Mus. (Nat. Hist.) Bot. 6(3): 264–266 (1979).

On *Candelariella aurella* (apothecia).

NORWAY. Sör-Trøndelag Prov., Røros par., the mount close to Storvarts mine (= c. 9 km NE of Røros). 62°38'N 11°27'E. Alt. 900 m. On mortar of an old house.

14.VIII.1974

R. Santesson (n. 25122)

R. Santesson: FUNGI LICHENICOLI EXSICCATI

300. Unguiculariopsis thallophila (P. Kars.) W.Y. Zhuang

Mycotaxon 32: 62 (1988). – *Trochila thallophila* P. Karst., Fung. Fenn. Exs., cent. 9, n. 823 (1869).

On *Lecanora carpinea* (thallus).

AUSTRIA. Steiermark, Gurktaler Alps, Paalgraben S of Stadl an der Mur. c. 1 km S of Kaltwasser. MTB 8950/3. 47°00'30"N 14°00'30"E. Alt. 1220 m. On *Alnus incana*.

24.X.1989

leg. J. Hafellner (n. 23720) & E. Schreiner
det. J. Hafellner

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Nos 1–19. See back cover of *Thunbergia* 4

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3. R. Santesson – *Fungi lichenic. exs.*, Fasc. 3 & 4 (Nos 51–100), 1986
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