

THUNBERGIA

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ROLF SANTESSON

FUNGI LICHENICOLI EXSICCATI

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The name is given in memory of Carl Peter Thunberg, 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 in 1828.

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R. Santesson: FUNGI LICHENICOLI EXSICCATI

51. *Ampullifera foliicola* Deight.

Mycol. Pap. 78: 36, 1960.

On Byssoloma subdiscordans (thallus).

MADEIRA. Ribeiro Frio. On living leaves of *Picconia excelsa* in Laurus wood. Alt. c. 860 m.

10.III.1972 leg. & det. M. Skytte Christiansen (n. 4869)

R. Santesson: FUNGI LICHENICOLI EXSICCATI

52. *Arthonia gelidæ* R. Sant. sp. nov. Isotypus

In thallo Placopsidis gelidæ crescit. Ascomata convexa, atra usque ad 0.5 mm diam.; hymenium hyalinum, I+ intense rubens; epithecium atrofuscum; hypothecium hyalinum; ascosporeae 1-septatae, hyalinae, oblongo-ovoideae, 11.5-16 x (4-)5-6 µm.

On Placopsis gelida (thallus).

SWEDEN. Jämtland: Åre par., Enaforsholm.

31.VII.1911 leg. H. Du Rietz
(Holotypus in UPS)

Ascocarps ± solitary, erumpent, convex to almost hemisphaerical, round or slightly elongate, 0.2-0.5 mm diam. Hymenium c. 50 µm high, I+ red but after KOH insensitively blue like the vegetative hyphae. Epithecium (c. 10 µm) dark brown with rather large cells (4-6 µm). Asci broadly clavate, 35-45 x 14-18 µm, 8-spored. Spores with the upper cell slightly larger than the lower one. Pycnidia very rare, c. 30 µm diam., with colourless wall; conidia bacillar, c. 5 x 1 µm. A. gelidæ is found in the thallus (not in cephalodia or apothecia) of the host and seems to be parasymbiotic since no deformations or extensive damage is caused. It is widely distributed; at present known from Sweden, Norway, Finland, Iceland, Scotland, Tenerife and Tanzania (Kilimanjaro).

R. Santesson: FUNGI LICHENICOLI EXSICCATI

53. *Arthonia glaucomaria* (Nyl.) Nyl.

Mém. Soc. Imp. Sci. Nat. Cherbourg 4: 98, 1856. - *Lecidea glaucomaria* Nyl., Bot. Notiser 1852: 177; 1853: 99.

On *Lecanora* sp. (thallus).

SWEDEN. Torne Lappmark: the Torneträsk area, Mt Vassitjåkka. On rocks in the alpine zone.

July 1919 leg. E.P. Vrang

R. Santesson: FUNGI LICHENICOLI EXSICCATI

54. *Arthonia molendoi* (Frauenfeld) R. Sant. **comb. nov.**

Basionym: *Tichothecium molendoi* Heufler ex G. von Frauenfeld in Arnold Verh. Zool.-Bot. Ges. Wien 14: 462, 1864. (Holotypus in W!)

On *Xanthoria elegans* (thallus, apothecia).

AUSTRIA. Oberösterreich: Nördliche Kalkalpen, Dachstein-Gruppe, Lackenmoosalm N of Feisterscharte. Alt. c. 2000 m. On horizontal and vertical surfaces of a bird-rock on the top of a rock.

29.VII.1985 leg. J. Poelt

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55. *Arthonia peltigerina* (Almq.) H. Olivier

Bull. Géogr. Bot. 27: 213, 1917. - *Arthonia vagans* v. *peltigerina* Almq., K. Svenska Vetensk.-Akad. Handl. 17(6): 54, 1880.

On *Peltigera leucophlebia* (thallus).

SWEDEN. Torne Lappmark: the Torneträsk area, Abisko, c. 1 km SW of the Scient. Research Station. By a small road in the sub-alpine birch forest.

28.VIII.1959 R. Santesson (n. 13419)

R. Santesson: FUNGI LICHENICOLI EXSICCATI

56. *Endococcus alpestris* D. Hawksw.

Notes R. Bot. Gard. Edinb. 40(2): 379, 1982.

On *Usnea florida* (thallus).

BRITISH ISLES. England: Devon, Dartmoor National Park, Merri-vale, north end of Walkham Valley. On *Quercus* and *Corylus* in coppiced woodland.

8.VIII.1985 leg. & det. D.L. Hawksworth (n. 5526 = IMI 296962)

R. Santesson: FUNGI LICHENICOLI EXSICCATI

57. *Endococcus rugulosus* Nyl.

Mém. Soc. Imp. Sci. Nat. Cherbourg 3: 193, 1855. (Art. 72, Note 1.)

On *Rhizocarpon amphibium* (thallus).

SWEDEN. Torne Lappmark: the Torneträsk area, Abiskojärva, Marmorbrottet. Alt. c. 400 m. On mica schist by a stream, sometimes inundated.

7.VIII.1971 R. Santesson (n. 23868)

R. Santesson: FUNGI LICHENICOLI EXSICCATI

58. *Lasiosphaeriopsis stereocaulicola* (Lindsay) O. Eriksson & R. Sant.

Mycotaxon 25(2): 570, 1986. - *Sphaeria stereocaulicola* Lindsay, Trans. Linn. Soc. London 25(2): 528, 1869. - Syn. *Leptosphaeria apocalypta* (Rehm) Winter

On *Stereocaulon glareosum* (thallus).

SWEDEN. Härjedalen: Tännäs par., Mt Grönvålen (SE of Mt Havtorstöten), near the summit. Alt. 1050 m. In an open alpine tundra.

25.VII.1974 R. Santesson (n. 25078 b)

R. Santesson: FUNGI LICHENICOLI EXSICCATI

59. *Lichenostigma rugosa* G. Thor

Lichenologist 17: 269, 1985.

On *Diploschistes gypsaceus* (thallus).SPAIN. Navarra: Estella, the mountains c. 2 km SW of the town. On gypsum soil with a sparse *Rosmarinus officinalis*-vegetation.

26.III.1984 R. Santesson (n. 31045)

R. Santesson: FUNGI LICHENICOLI EXSICCATI

60. *Milospium graphideorum* (Nyl.) D. Hawksw.Trans. Br. Mycol. Soc. 65(2): 228, 1975. - *Spilomium graphideorum* Nylander, Actes Soc. Linn. Bordeaux 21: 398, (: 152 in reprint), 1856.On *Dirina massiliensis* (thallus).

SWEDEN. Öland: Köping par., 1.5 km W of the parish church. On vertical or slightly overhanging calcareous cliffs.

11.VII.1957 R. Santesson (n. 11996)

R. Santesson: FUNGI LICHENICOLI EXSICCATI

61. *Muellerella pygmaea* (Körber) D. Hawksw.Bot. Notiser 132: 289, 1979. - *Tichothecium pygmaeum* Körber, Denkschr. Schles. Ges. Vaterl. Cult. 1853: 231, 1853.On *Lecidea lapicida* (thallus).

SWEDEN. Härjedalen: Tännäs parish, NE of Lake Malmagen, Karl-vallen. Alt. c. 820 m. On a rock in a stream, in the spray zone.

9.VIII.1958 R. Santesson (n. 12423)

R. Santesson: FUNGI LICHENICOLI EXSICCATI

62. *Nanostictis peltigerae* M. S. Christ.

Bot. Tidsskr. 51: 59, 1954; M. A. Sherwood, Mycotaxon 5: 65, 1977.

On *Peltigera polydactyla* (underside of thallus and rhizoptes).

SWEDEN. Västergötland: Mt Hunneberg, V. Tunhem par., Prästeklev. On mossy rocks in a forested rocky slope.

13.VI.1944 R. Santesson

R. Santesson: FUNGI LICHENICOLI EXSICCATI

63. *Opegrapha maculans* (Arnold) Hafellnerin J. Poelt & R. Türk, Herzogia 6: 453, 1984. - *Dactylospora maculans* Arnold, Verh. Zool.-Bot. Ges. Wien 37: 126, 1887.On *Lecanora rupicola* (thallus).

SWEDEN. Öland: Böda par., Sjötorp. On granitic boulders of a stone wall by a small road.

13.VIII.1963 R. Santesson (n. 16248)

Note: The lichenicolous lichen *Lecidea insularis* Nyl. is found in some of the specimens distributed.

R. Santesson: FUNGI LICHENICOLI EXSICCATI

64. *Phacopsis huuskonenii* Räs.

Schedae, Lichenotheca Fennica, fasc. 19-21, n. 525, 1949; Hawksworth, Notes R. Bot. Gard. Edinb. 36: 187-189, 1978.

On *Bryoria capillaris* (thallus).NORWAY. Oppland: Vestre Slidre, along the road Syndinvejen, between Ristebru and Grytastölen. Alt. c. 600 m. (UMT grid ref.: 32V MN 899 765). On branches of *Picea abies*.

21.IX.1983 leg. & det. M. Skytte Christiansen (n. 83.267)

R. Santesson: FUNGI LICHENICOLI EXSICCATI

65. *Phaeospora parasitica* (Lönnr.) Arnold

Flora 57: 151, 1874. - Thelidium parasiticum Lönnr., Flora 41: 632, 1858.

On Rhizocarpon concentricum (thallus).

SWEDEN. Torne Lappmark: Torneträsk, 1/2 km NW of the mouth of the river Abiskojäkka. Alt. 350 m. On rocks at the shore of the lake.

13.VIII.1936

R. Santesson (n. 635)

R. Santesson: FUNGI LICHENICOLI EXSICCATI

66. *Polycoccum galligenum* Vězda

Česká Mykol. 23: 107, 1969.

On Physcia caesia (thallus).

CZECHOSLOVAKIA. Moravia: distr. Blansko, near the church of Křtiny. Alt. 400 m. On a guard stone.

18.V.1986

leg. & det. A. Vězda

R. Santesson: FUNGI LICHENICOLI EXSICCATI

67. *Polycoccum microstictum* (Mudd) Arnold

Ber. Bayer. Bot. Ges. 1, Anh.: 132, 1891. - (Endocarpon microstictum Leighton, Lich. Br. Exs., fasc. 10, n. 317, 1858, nom. nud.) - Acarospora cervina & microsticta Mudd, Manual Br. Lich.: 159, 1861. - Dermatocarpon microstictum (Mudd) Arnold, Flora 44: 534, 1861.

On Acarospora sp. (subgen. Xanthothallia) (thallus).

U.S.A. California: Orange Co., Irvin Range, upper portion of Cayota Canyon. Alt. 400 m. On sandstone rocks.

14.IV.1966

leg. W. A. Weber & R. Santesson (n. 17833)

R. Santesson: FUNGI LICHENICOLI EXSICCATI

68. *Polycoccum peltigerae* (Fuckel) Vězda

Česká Mykol. 23: 109, 1969. - Didymosphaeria peltigerae Fuckel, Symb. Mycol.: 140, 1869.

On Peltigera praetextata (thallus).

SWEDEN. Uppland: Estuna par., Norr Malma, Bybacken. On a mossy rock in an oak forest.

30.IX.1959

R. Santesson (n. 13603)

R. Santesson: FUNGI LICHENICOLI EXSICCATI

69. *Polycoccum squamarioides* (Mudd) Arnold

Flora 57: 174, 1874. - Sphaeria squamarioides Mudd, Monogr. Br. Lich.: 130, 1861.

On Placopsis gelida (thallus).

SWEDEN. Jämtland: Åre parish, the waterfalls of Handöl. On rocks in the zone submerged by highwater. Alt. c. 580 m.

4.VIII.1948

R. Santesson (n. 48.189)

R. Santesson: FUNGI LICHENICOLI EXSICCATI

70. *Sclerococcum sphaerale* Fr.

Syst. Mycol. 3: 257, 1832. - Spiloma sphaerale Ach., Syst. Lich.: 2, 1814 (made illegitimate by the typification of Lecidea papillosa Ach. by the lichenicolous fungus; Hawksworth, Trans. Br. Mycol. Soc. 65: 225, 1975, Lichenologist 14: 136, 1982).

On Pertusaria corallina (thallus).

SWEDEN. Skåne: S. Mellby parish, Stenshuvud. On the rocky slope above the lighthouse. On siliceous rocks.

10.VII.1947

R. Santesson

R. Santesson: FUNGI LICHENICOLI EXSICCATI

71. *Stigmidium dispersum* (Körber) D. Hawksw.

Kew Bull. 30(1): 201, 1975. - Arthopyrenia dispersa Lahm ex Körber, Parerga Lich., Lief. 5: 388, 1865. - Syn. Arthopyrenia fuscatae Arnold, Flora 1874: 139 (Pharcidia lichenum f. fuscatae Arnold 1872, nom. invalid. Art. 43.1).

On Acarospora fuscata (thallus).

SWEDEN. Uppland: Torstuna parish, SE of Myrsjöberget. On a large boulder in a field.

11.VI.1961

R. Santesson (n. 14100)

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72. *Stigmidium marinum* (Deakin) Swinscow

Lichenologist 3: 62, 1965. - Sagedia marina Deakin, Ann. Mag. Nat. Hist. ser. 2, 13: 40, 1854.

On Verrucaria halizoa Leight. (thallus).

DENMARK. East Jutland: The island Alrö in Horsens Fjord, Alhale. (UTM grid ref. 32U NG 693 911). On pebble of flint at the shore of an islet in the cove Polkrog.

10.VII.1985 leg. & det. M. Skytte Christiansen (n. 85.031)

R. Santesson: FUNGI LICHENICOLI EXSICCATI

73. *Stigmidium peltideae* (Vain.) R. Sant.

Svensk Bot. Tidskr. 54: 510, 1960. - Pharcidia peltideae Vain. Természetrájszi Füzetek 22: 342, 1899.

On Peltigera leucophlebia (thallus).

SWEDEN. Jämtland: Åre par., Storlien. c. 1/2 km N of the railway station. Alt. 600 m. On mossy rocks in a ravine.

5.VIII.1948

R. Santesson (n. 48.258)

R. Santesson: FUNGI LICHENICOLI EXSICCATI

74. *Taeniolella delicata* M.S. Christ. & D. Hawksw.

Bull. Br. Mus. Nat. Hist. (Bot.) 6(3): 253, 1979.

On Buellia punctata (thallus).

DENMARK. Langeland: Snöde, SE of Store Snöde. (UMT grid ref.: 32U PG 223 053). On the trunk of a Populus in a boundary between fields.

5.X.1981

leg. & det. M. Skytte Christiansen (n. 81.163)

R. Santesson: FUNGI LICHENICOLI EXSICCATI

75. *Vouaxiomyces truncatus* (B. de Lesd.) Dyko & D. Hawksw.

in Hawksworth & Dyko, Lichenologist 11: 58, 1979. - Phoma truncata B. de Lesd., Rech. Lich. Dunkerque: 277, 1910.

On Parmelia caperata (thallus).

BRITISH ISLES. England: Devon, Slapton Ley Nature Reserve, south end of the Causeway. On Salix in march.

4.VIII.1985 leg. & det. D.L. Hawksworth (n. 5524 = IMI 296950)

Note: Apothecia of the teleomorph Abrothallus microspermus Tul. are present in some of the specimens distributed.

R. Santesson: FUNGI LICHENICOLI EXSICCATI

76. *Abrothallus bertianus* de Not.

Mem. Accad. Sci. Torino, ser. 2, 10: 351, 1849. - Syn. A. caerulescens Kotte, Centralbl. Bakt., Parasitenk. etc. 24: 86-87, 1909.

On Parmelia taractica auct. (thallus).

SWEDEN. Uppland: Uppsala, between Norby and the stream Hågaån (not far from Norbylund). On open rocks in a meadow.

21.IX.1946

R. Santesson

R. Santesson: FUNGI LICHENICOLI EXSICCATI

77. *Abrothallus parmeliarum* (Sommerf.) Arnold

Flora 57: 102, 1874. - Lecidea parmeliarum Sommerf. Suppl. Fl. Lapp.: 176, 1826.

On Punctelia punctilla (Hale) Krog (thallus).

PERU. Dept Cuzco: Prov. Urubamba, c. 1 km W of Ollantaytambo. 13°12'S, 72°20'W. Alt. c. 2800 m. On a vertical rock in a dry, shrubby slope.

24.III.1981

R. Santesson, A. Tehler & G. Thor (n. P92:19)

R. Santesson: FUNGI LICHENICOLI EXSICCATI

78. *Arthonia farinacea* (H. Olivier) R. Sant.

Svensk Bot. Tidskr. 54: 501, 1960. - Melaspilea farinacea H. Olivier, Bull. Géogr. Bot. 15: 195 (47), 1906.

On Ramalina farinacea (soralia).

SWEDEN. Öland: Algotstrum par., c. 1/2 km S of S. Saxnäs. On the trunk of a *Quercus* in an open deciduous forest.

9.VII.1957

R. Santesson (n. 11984)

R. Santesson: FUNGI LICHENICOLI EXSICCATI

79. *Arthonia fuscopurpurea* (Tul.) R. Sant.

Svensk Bot. Tidskr. 54(4): 501, 1960. - Celidium fuscopurpureum Tul., Ann. Sci. Nat. Bot., sér. 3, 17: 121, 1852.

On Peltigera hymenina (thallus).

FRANCE. Ille-et-Vilaine: at the highway just N of Hédé. On a mossy stone wall by a road.

17.VII.1954

R. Santesson (n. 10163)

R. Santesson: FUNGI LICHENICOLI EXSICCATI

80. *Carbonea vitellinaria* (Nyl.) Hertel

Mitt. Bot. München 19: 441-447, 1983. - Lecidea vitellinaria Nyl., Bot. Notiser 1852: 177. - Syn. L. pitensis Lönnr., Flora 41: 616, 1858.

On Candelariella placodizans (thallus).

SWEDEN. Torne Lappmark: the Torneträsk area, Mt Låktatjåkka, the western slope. Alt. 1300 m. In a snow bed.

6.VIII.1947

R. Santesson

Note: Lecidea pitensis is the same species on the same host lichen, lectotypified by the parasymbiont by Th. M. Fries, Lich. Arct. 1860: 322 (222).

R. Santesson: FUNGI LICHENICOLI EXSICCATI

81. *Guignardia olivieri* (Vouaux) Sacc.

Syll. Fung. 24: 786, 1928. - Laestadia oliveri Vouaux, Bull. Soc. Mycol. Fr. 28: 216, 1912.

On Xanthoria parietina (thallus).

SWEDEN. Skåne: Ö. Tommarp par., 1/2 km N of Tågarpagården. On the trunk of an *Ulmus* by a road.

13.VII.1947

R. Santesson

R. Santesson: FUNGI LICHENICOLI EXSICCATI

82. *Homostegia piggotii* (Berk. & Broome) P. Karsten

Bidrag t. Känned. Finlands Natur och Folk: 22, 1873. - *Dothidea piggotii* Berk. & Broome, Ann. Mag. Nat. Hist., ser. 2, 9: 385, 1852.

On *Parmelia saxatilis* (thallus).

SWEDEN. Västergötland: Mt Hunneberg, V. Tunhem par., Prästeklev. On a diabas boulder in a talus slope.

13.VI.1944

R. Santesson

R. Santesson: FUNGI LICHENICOLI EXSICCATI

83. *Lecidea punctum* (Massal.) Jatta

Syll. Lich.: 353, 1900. - *Nesolechia punctum* Massal., Miscellanea Lich.: 43(13), 1856.

On *Cladonia bacillaris* and *C. coniocraea* (phyllocladia).

SWEDEN. Uppland, Vänge par., Fiby Urskog, S. of Lake Fibysjön, NW of Getryggen. On fallen, decaying trunks in a dense Picea forest.

28.IX.1948

R. Santesson (n. 4856)

R. Santesson: FUNGI LICHENICOLI EXSICCATI

84. *Lichenonium xanthoriae* M. S. Christ.

Friesia 5: 212, 1956.

On *Xanthoria polycarpa* (apothecia).

SWEDEN. Bohuslän: Tjärnö par., the Koster Islands, Sydkoster, W. of Valfjäll. On twigs of *Malus sylvestris*.

29.VI.1971

R. Santesson (n. 23716)

R. Santesson: FUNGI LICHENICOLI EXSICCATI

85. *Muellerella hospitans* Stizenb.

Nova Acta Acad. Leopold.-Carol. 30(3): 51, 1863.

On *Bacidia fraxinea* (apothecia).

SWEDEN. Uppland: Husby-Sjutolft par., Ekolsund, in the avenue E of the castel. On the trunk of an *Ulmus*.

6.X.1957

R. Santesson (n. 12142)

R. Santesson: FUNGI LICHENICOLI EXSICCATI

86. *Muellerella lichenicola* (Sommerf.) D. Hawksw.

Bot. Notiser 132: 289, 1979. - *Sphaeria lichenicola* Sommerf., Suppl. Fl. Lapp.: 218, 1826: Fr. Elenchus Fung. 2: 103, 1828.

On *Fulgensia bracteata* (thallus).

SWEDEN. Öland: Stenåsa par., Stora Alvaret E of Möckelmossen. On open calcareous ground.

12.VII.1957

R. Santesson (n. 11998)

R. Santesson: FUNGI LICHENICOLI EXSICCATI

87. *Nectria lecanodes* Ces.

in Rabenhorst, Herb. Mycol., ed. 2, n. 525, 1863.

On *Peltigera canina* (thallus).

SWEDEN. Västmanland: Sala, near the Christina shaft of the old silver mine. On the ground in an open forest.

26.X.1958

R. Santesson (n. 12675)

R. Santesson: FUNGI LICHENICOLI EXSICCATI

88. *Nectriella erythrinella* (Nyl.) Weese

Ann. Mycol. 12: 141, 1914. - *Sphaeria erythrinella* Nyl., Not. Sällsk. Fauna Fl. Fenn. Förh., ser. alt., 1: 125, 1859, and 10: 90, 1868.

On *Peltigera didactyla* (thallus).

SWEDEN. Jämtland: Hammerdal par., c. 5 km N of Hammerdal. On a road cutting.

31.VIII.1979

R. Santesson (n. 29916)

R. Santesson: FUNGI LICHENICOLI EXSICCATI

89. *Phragmonaevia fuckelii* Rehm

Rabenhorst's Kryptogamen-Flora, 2. Aufl., 1(3): 166, 1252, 1888.

On *Peltigera didactyla* (thallus).

NORWAY. Rogaland: Sand par., near Heim. On a mossy rock near a road.

26.VIII.1939

T.E. Hasselrot

R. Santesson: FUNGI LICHENICOLI EXSICCATI

90. *Phragmonaevia peltigerae* (Nyl.) Rehm

Rabenhorst's Kryptogamen-Flora, 2. Aufl., 1(3): 166, 1888. - *Melaspilea peltigerae* Nyl., Not. Sällsk. Fauna Fl. Fenn. Förh. 10: 65, 1868.

On *Peltigera* cf. *didactyla* (thallus).

SWEDEN. Uppland: Knivsta par., 1/2 km NE of Ledinge near Lake Valloxen. On a road cutting.

13.XI.1955

R. Santesson (n. 11163)

Note: All distributed specimens are heavily attacked also by *P. fuckelii*.

R. Santesson: FUNGI LICHENICOLI EXSICCATI

91. *Plectocarpon lichenum* (Sommerf.) D. Hawksw.

in Hawksworth & Galloway, Lichenologist 16: 86, 1984. - *Dothidea lichenum* Sommerf., Suppl. Fl. Lapp.: 224, 1826, Fr., *Elenchus Fung.* 2: 123, 1828.

On *Lobaria pulmonaria* (thallus).

NORWAY. Sör-Trøndelag: Rissa par., in the valley of the river Svartdalselv (= c. 3 km E of the S end of Lake Vollavatn). On *Salix caprea*.

31.VII.1961

R. Santesson (n. 14334 b)

R. Santesson: FUNGI LICHENICOLI EXSICCATI

92. *Rhagadostoma lichenicola* (de Not.) Keissler

Rabenhorst's Kryptogamen-Flora, 2. Aufl., 8: 320, 1930. - *Bertia lichenicola* de Not., Erb. Crittog. Ital., n. 1190, 1864.

On *Solorina crocea* (thallus).

SWEDEN. Härjedalen: Tännäs par., Mt Hamrafjället, the northern slope. Alt. c. 1000 m. On calcareous ground with very thin vegetation.

14.VIII.1958

R. Santesson (n. 12554)

Note: The parasite "*Metasphaeria*" *lichenicola* (Zopf) Vouaux is found in many of the specimens distributed.

R. Santesson: FUNGI LICHENICOLI EXSICCATI

93. *Scutula aggregata* (Bagl. & Carestia) Rehm

Rabenhorst's Kryptogamen-Flora, 2. Aufl., 1(3): 327, 1889. - *Scutula wallrothii aggregata* Bagl. & Carestia, Comment. Soc. Crittog. Ital. 2(3): 404, 1867.

On *Peltigera praetextata* (thallus).

SWEDEN. Södermanland: Salem par., Vällinge. On a N-exposed, mossy rock cliff.

21.VII.1944

R. Santesson

R. Santesson: FUNGI LICHENICOLI EXSICCATI

94. *Scutula miliaris* (Wallr.) Trevisan

Spighe e Paglie, 1: 10, 1853. - Peziza miliaris Wallr., Fl. Crypt. Germ. 2: 449, 1833.

On Peltigera rufescens (thallus).

SWEDEN. Uppland: Übergran par., SW part of the island of Biskops-Arnö. On the ground in an open field.

23.IX.1979

R. Santesson (n. 29949)

R. Santesson: FUNGI LICHENICOLI EXSICCATI

95. *Scutula stereocaulorum* (Anzi) Körber

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

On Stereocaulon cf. rivulorum (thallus).

SWEDEN. Torne Lappmark: the Torneträsk area, NE slope of Mt Vassitjåkka. Alt. 1000 m. In a wind exposed heath on calciferous ground.

16.VIII.1947

R. Santesson

R. Santesson: FUNGI LICHENICOLI EXSICCATI

96. *Stigidium icmadophilae* R. Sant.

Publ. Herb. Univ. Uppsala 13: 17, 1984 (= Fung. Lichenic. Exs. n. 42).

On Icmadophila ericetorum (thallus).

SWEDEN. Härjedalen: Tännäs par., Mt Gruvvålen, 2-3 km NE of Ramundbergets Fjällgård. Alt. 900-950 m. In an alpine heath.

8.VIII.1984

R. Santesson (n. 31124)

R. Santesson: FUNGI LICHENICOLI EXSICCATI

97. *Stigidium microspilum* (Körber) D. Hawksw.

Kew Bull. 30(1): 201, 1975. - Arthopyrenia microspila Körber, Parerga Lich., Lief. 5: 392, 1865.

On Graphis scripta (thallus).

SWEDEN. Skåne: Riseberga par., Skärålid. On the trunk of a *Fraxinus* in a dark deciduous forest.

24.VII.1947

R. Santesson

R. Santesson: FUNGI LICHENICOLI EXSICCATI

98. *Vouauxiella lichenicola* (Lindsay) Petrak & H. Sydow

Fedde's Repert. spec. nov., Beih. 42(3): 484, 1927. - Torula lichenicola Lindsay, Trans. R. Soc. Edinb. 25: 515, 1869.

On Lecanora argentata (thallus, apothecia).

SWEDEN. Östergötland: Väversunda par., Makersbergen on the eastern slope of Mt Omberg (c. 7 km SSW of the parish church). On *Fraxinus* in dense deciduous forest.

27.VI.1948

R. Santesson (n. 48.100)

R. Santesson: FUNGI LICHENICOLI EXSICCATI

99. *Vouauxiomyces ramalinae* (Nordin) D. Hawksw.

Bull. Br. Mus. Nat. Hist. (Bot.) 9(1): 67, 1981. - Phoma ramalinae Nordin, Svensk Bot. Tidskr. 58: 227, 1964.

On Ramalina fastigitata (apothecia).

SWEDEN. Gotland: Fide par., between Prästängen and the road, not far from Fideviken. On *Corylus avellana* in a coppice.

12.IV.1964

I. Nordin (n. 2237 b)

Note: Apothecia of the teleomorph Abrothallus suecicus are found in some of the specimens distributed.

R. Santesson: FUNGI LICHENICOLI EXSICCATI

100. *Xanthoriicola physciae* (Kalchbr.) D. Hawksw.

in Hawksworth & Punithalingam, Trans. Br. Mycol. Soc. 61(1):
67, 1973. - Gymnosporium physciae Kalchbr., Math. és Termész.
Közlem. 3: 299, 1965.

On Xanthoria parietina (apothecia).

SWEDEN. Gotland: Öja par., Burgsvik. On twigs of *Prunus*
cerasus.

19.VII.1951

R. Santesson