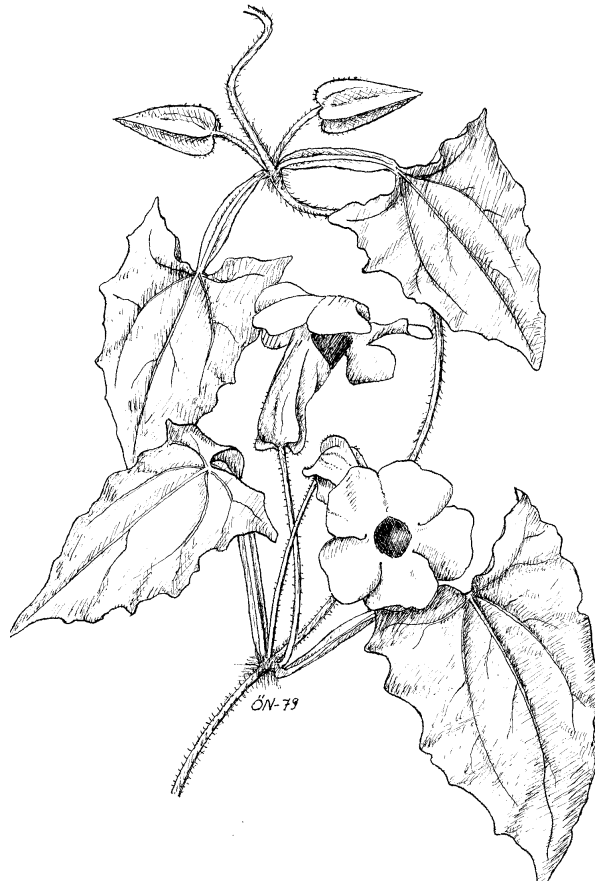


THUNBERGIA

29



Roland Moberg

Lichenes Selecti Exsiccati Upsalienses

Fasc. 11 & 12 (Nos 251–300)

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1999

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

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Lichenes Selecti Exsiccati Upsalienses. Fasc. 11–12

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Fascicles 11 & 12 contain collections of the interesting growth habit published as *Stereonema chthonoblastes* representing various species. Collections from Australia, Austria, The Azores, Chile, Estonia, France, Germany, Ireland, Kazakhstan, Lithuania, Mexico, New Zealand, Norway, Peru, South Africa, Sweden, and USA. Material of the newly described species *Buellia muriformis* (isotype) and *Buellia triseptata* is included, *Heterodermia spathulifera* is reported for the first time from New Zealand and *Sarcogyne picea* for the first time from Kazakhstan

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Nos 251–254 represent a very interesting growth habit which has been published as *Stereonema chthonoblastes*. The Latvian plant geographer K.R. Kupffler discuss this "lichen" in *Korrespondensblatt der Naturforscher-Vereins zu Riga* 58: 111–122, 1924 and he regard the formation as a very primitive lichen (Uhrflechte). Already in 1849 F.T. Künzing in *Species Algarum* published *Stereonema chthonoblastes* as an alga and C.F. Erichsen treated it as *Lecidea uliginosa* v. *chthonoblastes* in 1928. The distributed material shows that the small sandcones (chthonoblasts) could be formed by different lichen species and is thus only a growth habit caused by wind which should not be given taxonomic rank. The four numbers in this exsiccate are all from the NE shore of Öland and the growth habit of the different species is not rare in this area (see Figs on p. 19). – R.S.

LICHENES SELECTI EXSICCATI UPSALIENSES

251. Cladonia cervicornis (Ach.) Flot.

27. Jahresber. Schles. Ges. Vaterl. Cult 1849: 105 (1949). – *Lichen cervicornis* Ach., Lich. Suec. Prodrumus: 184 (1799 "1798").

SWEDEN. Öland Prov., Böda par., 2 km S of Grankulla. 57°17'N 17°07'E. On sandy seashore.

7.VIII.1963 leg. & det. Rolf Santesson (n. 16232)

Note. Chthonoblastes growth habit

LICHENES SELECTI EXSICCATI UPSALIENSES

252. Cladonia floerkeana (Fr.) Flörke

De Cladoniis: 99 (1828 "1827"). – *Cenomyce floerkeana* Fr., Schedulae Criticae Lichenibus Suecanis, Part. 3: 18 (1825).

SWEDEN. Öland Prov., Böda par., 2 km S of Grankulla. 57°17'N 17°07'E. On sandy seashore.

7.VIII.1963 leg. & det. Rolf Santesson (n. 16233)

Note. Chthonoblastes growth habit

LICHENES SELECTI EXSICCATI UPSALIENSES

253. Stereocaulon condensatum Hoffm.

Deutschlands Flora oder Botanisches Taschenbuch, Zweyter Theil, Cryptogamie: 130 (1796).

SWEDEN. Öland Prov., Böda par., 2 km S of Grankulla. 57°17'N 17°07'E. On sandy seashore.

11.VII.1962 leg. & det. Rolf Santesson (n. 14636)

Note. Chthonoblastes growth habit.

LICHENES SELECTI EXSICCATI UPSALIENSES

254. Trapeliopsis granulosa (Hoffm.) Lumbsch

in Hertel, Lecideaceae exs., fasc. 5, No 99 (1983). – *Verrucaria granulosa* Hoffm., Descript. Adumbr. Pl. Lich. 2: 21 (1794).

SWEDEN. Öland Prov., Böda par., 2 km S of Grankulla. 57°17'N 17°07'E. On sandy seashore.

11.VII.1962 leg. & det. Rolf Santesson (n. 14635)

Note. Chthonoblastes growth habit

LICHENES SELECTI EXSICCATI UPSALIENSES

255. Arthopyrenia punctiformis (Pers.) A.Massal.

Ricerche sull' Autonomia Lich. Crostosi: 168 (1852). – *Verrucaria punctiformis* Pers. in Usteri, Ann. Bot. 11: 19 (1794).

SWEDEN. Härjedalen Prov., Tännäs par., east of River Ljusnan, c. 6 km N of Funäsdalen. 62°34'N 12°30'E. Alt. 630 m. On bark of *Betula*.

29.VII.1976 leg. & det. Rolf Santesson (n. 27001)

LICHENES SELECTI EXSICCATI UPSALIENSES

256. Arthrorhaphis grisea Th.Fr.

Acta Reg. Soc. scient. Ups., ser. 3, 3: 304 (1860) (sep. pagin. 204).

On *Baeomyces rufus* (thallus).

AUSTRIA. Steiermark Prov. Eisenerzer Alpen, in the valley slope of Grössgrabens, NW of Trofaiach, at the entry of Graskogel Grabens. MTB8555/1. 47°27'N 14°51'E. Alt. 1080 m. On siliceous rocks in a N-exposed slope along a road in a spruce forest.

22.VI.1997 leg. A. & J. Hafellner (n. 42003)
det. J. Hafellner

LICHENES SELECTI EXSICCATI UPSALIENSES

257. Bryoria simplicior (Vain.) Brodo & D.Hawksw.

Opera Bot. 42: 109 (1977). – *Alectoria nidulifera* f. *simplicior* Vain., Medd. Soc. Fauna Fl. Fenn. 6: 115 (1881).

SWEDEN. Härjedalen Prov., Tännäs par., valley of River Ljusnan, 0.7 km SSE of Ramundbergets Fjällgård. 62°42'N 12°24'E. Alt. 700 m. On *Betula* in a subalpine birch forest.

30.VI.1998 leg. & det. Rolf Santesson (n. 33766)

LICHENES SELECTI EXSICCATI UPSALIENSES

258. Buellia cedricola Werner

Bull. Soc. Mycol. France 86: 817 (1970).

U.S.A. Arizona, Cochise Co., Chirichaua Mts, Chirichaua National Monument, N-slope below Heart of Rocks. 32°00'N 109°19'W. Alt. 2075 m. On wood of dead basal branches of *Cupressus arizonica*.

5.VI.1998 leg. & det. Anders Nordin (n. 5172)

LICHENES SELECTI EXSICCATI UPSALIENSES

259. Buellia muriformis A.Nordin & Tønsberg

Isotype

in Nordin, Bryologist 102: 251 (1999).

U.S.A. Oregon, Douglas Co., Oregon Dunes National Recreation Area, Carter Dunes Trail c. 300 m from trailhead. 43°51'N 124°08'W. Alt. 10 m. On dead lower branches and twigs of *Pinus contorta* in deflation plain

16.VI.1998 leg. & det. Anders Nordin (n. 5340)

LICHENES SELECTI EXSICCATI UPSALIENSES

260. *Buellia triseptata* A. Nordin

Bryologist 102: 260 (1999).

U.S.A. Arizona, Apache Co., White Mts, Apache National Forest, Mt Baldy Wilderness, E fork of Little Colorado River, along trail 95 from Phelb's Cabin to Mt Baldy. 33°56'N 109°30'W. Alt. 2960 m. Montane forest and meadows with granite boulders. On basal branches of *Picea engelmannii* close to the stream.

8.VI.1998 leg. & det. Anders Nordin (n. 5233)

LICHENES SELECTI EXSICCATI UPSALIENSES

261. *Bunodophoron patagonicum* (C.W.Dodge) Wedin

Pl. Syst. Evol. 187: 234 (1993). – *Pleurocybe patagonica* C.W.Dodge, Nova Hedwigia 16: 484 (1969).

AUSTRALIA. New South Wales, Barrington Tops National Park, 35 km WSW Gloucester, Gloucester Tops, along Beech Forest Walk. 32°05'S 152°35'E. Alt. 1100 m. *Nothofagus moorei* dominated forest, on *N. moorei* close to a brook

17.II.1990 leg. & det. Mats Wedin (n. 3520)

LICHENES SELECTI EXSICCATI UPSALIENSES

262. *Bunodophoron patagonicum* (C.W.Dodge) Wedin

Pl. Syst. Evol. 187: 234 (1993). – *Pleurocybe patagonica* C.W.Dodge, Nova Hedwigia 16: 484 (1969).

NEW ZEALAND. Otago, Mt Aspiring Nat. Park, Paradise, along track to Mossvale Falls. 44°43'S 168°22'E. Alt. 450 m. *Nothofagus fusca* dominated forest along a brook, on *N. fusca*.

8.I.1995 leg. & det. Mats Wedin (n. 4904)

LICHENES SELECTI EXSICCATI UPSALIENSES

263. *Cybebe gracilenta* (Ach.) Tibell

Nova Hedw. Beih. 79: 666 (1984). – *Calicium gracilentum* Ach., Lichenographia Universalis: 243 (1810).

U.S.A. Maine, T15R8 Township, 11 mile WSW of Eagle Lake, NW corner of the township, along Rocky Brook. 47°01'N 68°49'W. Alt. 300 m. In mixed *Thuja occidentalis*, *Abies balsamea*, *Picea glauca* forest. On trunk of old *Thuja occidentalis*.

9.VIII.1997

leg. & det. Leif Tibell (n. 21477)

LICHENES SELECTI EXSICCATI UPSALIENSES

264. *Cladia retipora* (Labill.) Nyl.

Compt. Rend. Hebd. Séances Acad. Sci. 83: 88 (1876). – *Baeomyces retiporus* Labill., Nov. Holl. Pl. 2: 110 (1807).

AUSTRALIA. New South Wales, Sydney, La Perouse. On flat sandstone rocks near and in the margin of *Kunzea ambigua* scrub

6.VII.1927

leg. G. E. & G. Du Rietz (n. 4013:1)
det. R. Moberg 1999

LICHENES SELECTI EXSICCATI UPSALIENSES

265. *Cliostomum griffithii* (Sm.) Coppins

in D.L. Hawksworth, P.W. James & B.J. Coppins, Lichenologist 12: 106 (1980). – *Lichen griffithii* Sm., English Botany 25: tab. 1735 (1807).

AUSTRALIA. Tasmania, Mt Field National Park, W shore of Lake Dobson. 42°41'S 146°35'E. Alt. 1040 m. On decaying leaves of *Richea pandanifolia*.

5.III.1981

leg. & det. Leif Tibell (n. 11097)

LICHENES SELECTI EXSICCATI UPSALIENSES

266. Dendrographa leucophaea (Tuck.) Darbshire

Ber. Deutsch. Bot. Ges. 13: 321 (1895). – *Roccella leucophaea* Tuck., Am. J. Arts Sci. 25: 423 (1858).

MEXICO. Baja California, Bahia San Quintin, c. 170 km SSE of Ensenada on Pacific Coast. 30°29'N 115°57'W. Alt. 10 m. Low playa with scattered low mounds. on low trees of *Aesculus*.

23.IV.1966

leg. Rolf Santesson (n. 18354)

det. Anders Tehler 1999

LICHENES SELECTI EXSICCATI UPSALIENSES

267. Dirinaria melanoclina (C.Knight) Awasthi

Bibliotheca Lichenologica 2: 77 (1975). – *Physcia melanoclina* C.Knight, Trans. Linn. Soc. London, Ser. 2, Bot. 2: 49 (1882).

AUSTRALIA. Queensland, Coochiemudlo Island, 28 km ESE of Brisbane. 27°32'S 153°17'E. Alt. 2–5 m. Open *Callitris–Eucalyptus* forest on E side of the Island. On *Callitris*.

31.III.1992

leg. R. Moberg & B. Owe-Larsson (n. A97:1)

det. R. Moberg 1999

LICHENES SELECTI EXSICCATI UPSALIENSES

268. Evernia divaricata (L.) Ach.

Lichenographia Universalis: 441 (1810). – *Lichen divaricatus* L., Systema naturae ed. 12, 2: 713 (1767).

SWEDEN. Öland Prov., Böda par., Böda kronopark, just W of the road Böda–Byxelkrok opposite telephone post no 52. 57°17'N 17°01'E. Abundant on a felled *Picea abies* i the forest.

4.VII.1933

leg. & det. G. Einar Du Rietz (n. 1933:1)

LICHENES SELECTI EXSICCATI UPSALIENSES

269. *Everniopsis trulla* (Ach.) Nyl.

Synopsis Lichenum 1(2): 375 (1860).– *Parmelia trulla* Ach., Methodus Lichenes: 256 (1803).

PERU. Ancash, Yungay, road Yungay-Llanganuco, c. 20 km (road distance) NE of Yungay. 9°06'S 77°42'W. Alt. 3300 m. On boulders in a slope with scattered trees.

26.II.1981 leg. & det. R. Santesson & R. Moberg (n. P54:4)

LICHENES SELECTI EXSICCATI UPSALIENSES

270. *Heterodermia spathulifera* Moberg & Purvis

Symb. Bot. Ups. 32(1): 192 (1997).

NEW ZEALAND. North Island, North Auckland, Kerikeri inlet, Kerikeri Rd. 35°13'S 173°59'E. Alt. 5 m. Mangrove at the bridge across Okura River. On *Avicennia*.

11.IV.1992 leg. R. Moberg & B. Owe-Larsson (n. NZ16:7)
det. R. Moberg 1998

Note. New to New Zealand.

LICHENES SELECTI EXSICCATI UPSALIENSES

271. *Hyperphyscia syncolla* (Nyl.) K.Kalb

Lichenes Neotropici, Fasc. 6: 11 (1983). – *Physcia adglutinata* **Ph. syncolla* Tuck. ex Nyl., Acta Soc. Sci. Fenn. 7: 441 (1863).

SOUTH AFRICA. Western Cape Prov., c. 5 km SE of Stanford, calcareous rocks. 34°37'S 19°31'E. Alt. 115 m. On dead *Protea* on calcareous rocks.

14.XII. 1996 leg. & det. Roland Moberg (n. 11888)

LICHENES SELECTI EXSICCATI UPSALIENSES

272. Lecanora conizaeoides Nyl. ex Cromb.

J. Bot., London 23: 195 (1885).

LITHUANIA. Neringa, The Curonian Spit, Pervalka, *Pinus mugo*-stands c. 1.5 km NW. 55°26'N 21°05'E. Alt. 5 m. On twigs of *Pinus mugo*.

2.X.1997 leg. & det. Anders Nordin (n. 5040)

LICHENES SELECTI EXSICCATI UPSALIENSES

273. Lecanora septentrionalis H.Magn.

Medd. Göteborgs Bot. Trädgård 7: 78 (1932).

SWEDEN. Härjedalen Prov., Tännäs par., 0.7 km SSE of Ramundbergets Fjällgård in the valley of River Ljusnan. 62°42'N 12°24'E. Alt. 700 m. On *Salix hastata* in a subalpine birch forest.

3.VII.1998 leg. & det. Rolf Santesson (n. 33775)

LICHENES SELECTI EXSICCATI UPSALIENSES

274. Lecidella elaeochroma (Ach.) M.Choisy **f. soralifera** (Erichsen)
D.Hawksw.

Field Stud. 3: 561 (1972).

ESTONIA. Läänemaa, c. 2 km SSE Virtsu, by the ornithological field station at Puhtu. Dense, old broad-leaved deciduous forest on the Baltic. 58°34'N 23°33'E. On *Corylus avellana*.

26.VIII.1991 leg. & det. A. Nordin & G. Thor (n. 68)

LICHENES SELECTI EXSICCATI UPSALIENSES

275. *Leptogium decipiens* P.M.Jørg.

in D.J. Galloway & P.M. Jørgensen, *Flechten Follman*, Univ. of Cologne (eds. J.A. Daniels, M. Schulz & J. Peine).

CHILE. Magellanes, Torres del Paine Nat. Park, ca 13 km WNW of the Park Administration, Refugio Pingo at Rio Pingo. 51°07'S 73°09'W. Alt. 50 m. In open *Nothofagus antarctica* stand close to a river. On bark of *N. antarctica*.

16.I.1989

leg. Leif Tibell (n. 17833)

det. P. M. Jørgensen 1997

LICHENES SELECTI EXSICCATI UPSALIENSES

276. *Leptogium victorianum* F. Wilson

J. Linn. Soc. Bot. 28: 358 (1891).

AUSTRALIA. Victoria, Mt. Macedon, gully below summit. 37°25'S 144°34'E. Alt. 900 m. On *Eucalyptus* and *Senecio bedfordii*, common.

7.III.1970

leg. Gunnar Degelius (n. A219)

det. P.M. Jørgensen 1999

LICHENES SELECTI EXSICCATI UPSALIENSES

277. *Myelorrhiza antrea* Verdon & Elix

Brunonia 9: 194 (1987).

AUSTRALIA. Queensland, western slope of Mount Bartle Frere. Alt. 1250–1400 m. On the shady sides of granite boulders in the rain-forest.

3.VIII.1927

leg. G. Einar Du Rietz (n. 4348:1)

det. Leif Tibell; confirm. G. Rambold 1996

LICHENES SELECTI EXSICCATI UPSALIENSES**278. Pannaria elixii** P.M.Jørg. & D.J.Galloway

Flora of Australia 54: 315 (1992).

AUSTRALIA. New South Wales, Buckenbowia River, 7.5 km WNW of Batemans Bay. 35°32'S 150°07'E. Alt. 2 m. *Avicennia*–*Aegiceras* dominated river bed. On *Avicennia* in the mangrove belt.

15.III.1992 leg. R. Moberg & B. Owe-Larsson (n. A71:8)
det. P. M. Jörgensen 1999

LICHENES SELECTI EXSICCATI UPSALIENSES**279. Phaeophyscia hispidula** (Ach.) Essl. var. **hispidula**

Mycotaxon 7: 305 (1978). – *Parmelia hispidula* Ach., Lichenographia Universalis: 468 (1810).

AUSTRALIA. Queensland, Bunya Mountains Nat. Park, path between Little Falls and Big Falls Lookout. 26°52'S 151°35'E. Alt. 900 m. Open grassy slope S of Big Falls. On *Acacia*.

1.IV.1992 leg. R. Moberg & B. Owe-Larsson (n. A100:7)
det. R. Moberg 1998

LICHENES SELECTI EXSICCATI UPSALIENSES**280. Phlyctis argena** (Spreng.) Flot.

Bot. Zeitung 8: 572 (1850). – *Parmelia argena* Sprengel, Syst. Veget. 4(1): 300 (1827).

SWEDEN. Skåne Prov., Simrishamn Gröstorp, Gröstorp farmstead. 55°33'N 14°18'E. On shaded trunk of *Ulmus*.

27.X.1998 leg. & det. Rolf Santesson (n. 33778)

LICHENES SELECTI EXSICCATI UPSALIENSES**281. Physcia tribacia** (Ach.) Nyl.

Flora 57: 307 (1874). – *Lecanora tribacia* Ach., Lichenographia Universalis: 415 (1810).

AUSTRALIA. A.C.T., Coppins Crossing (8 km WSW of Capital Hill, Canberra). 35°17'S 149°02'E. Alt. 520 m. Grass land with granite boulders. On boulder manured by birds.

12.III.1992 leg. R. Moberg & B. Owe-Larsson (n. A68:1)
det. R. Moberg 1998

LICHENES SELECTI EXSICCATI UPSALIENSES**282. Physconia grisea** (Lam.) Poelt

Nova Hedwigia 9: 30 (1965). – *Lichen griseus* Lam. Encyclopédie Méthodique, Botanique 3: 480 (1789).

SWEDEN. Gotland Prov., Östergarn par., Katthammarsvik, in the avenue to the manor-house of Katthamra. 57°26'N 18°51'E. On trunk of *Sorbus intermedia*.

22.X.1998 leg. & det. Roland Moberg (n. 12031)

LICHENES SELECTI EXSICCATI UPSALIENSES**283. Pyrenocollema elegans** R.Sant.

Lichenologist 24: 7 (1992).

NORWAY. Rogaland Prov., Egersund par., Söndregabet, c. 1 km SW of Nodd (5–6 km S of Egersund). 58°28'N 06°00' E. On exposed seashore rocks in the *Balanus* horizon.

27.VI.1953 leg. & det. Rolf Santesson

LICHENES SELECTI EXSICCATI UPSALIENSES

287. Sagenidium molle Stirton

Proc. Philos. soc. Glasgow 10: 305 (1877).

NEW ZEALAND. South Island. Southland, Fiord Bot. Distr., Lower Routeburn Valley, on the slope of mount Sugarloaf just opposite Routeburn Hut. *Nothofagus menziesii* forest, on the lower side of overhanging trunks of *Nothofagus menziesii*.

14.II.927

leg. G. E. & G. Du Rietz (n.1768)
det. D.J. Galloway 1974

LICHENES SELECTI EXSICCATI UPSALIENSES

288. Sarcogyne picea H.Magn.

Reports from the scientific expedition to the North-western provinces of China under the leadership of Dr. Sven Hedin, XI. Botany 2, Lichens from Central Asia 2: 30 (1944).

KAZAKHSTAN. Vost. Kazakhstanskaja, N of the road SE of Karatogay. 48°15'N 84°36'E. Alt. 610 m. Dry sandy area close to a mountain ridge. On rocks.

11.VI.1993

leg. & det. R. Moberg & A. Nordin (n. K16:14)

LICHENES SELECTI EXSICCATI UPSALIENSES

289. Sclerophora nivea (Hoffm.) Tibell

Nova Hedwigia, Beiheft 79: 679 (1984). – *Tricharia nivea* Hoffm., Vegetabilia cryptogamia 2: 14 (1790). Syn. *Coniocybe pallida* (Pers.) Fr.

GERMANY. Bayern Prov., Berchtesgadener Land, Ramsau, Hintersee, 40 m from the western shore. 47°36'N 12°51'E. Alt. 795 m. On *Fraxinus excelsior*.

25.II.1987

leg. & det. R. Türk & H. Wunder
conf. L. Tibell

LICHENES SELECTI EXSICCATI UPSALIENSES

290. *Siphula decumbens* Nyl.

Lichenes Novae Zelandiae: 14 (1888).

SOUTH AFRICA. Western Cape, Piketberg, Grootberg Mt., N of Noupoot Farm. 32°47'S 18°39'E. Alt. 800 m. On slightly sloping flat rocks.

6.XII.1996

leg. Roland Moberg (n. 11758)
det. R. Santesson 1999

LICHENES SELECTI EXSICCATI UPSALIENSES

291. *Siphula dissoluta* Nyl.

Lichenes Novae Zelandiae: 14 (1888).

NEW ZEALAND. South Island, Southland, Fiord Bot. Distr. track from Lake Manapouri to Doubtful Sound. Prealpine Nothofagus-forest on the eastern side of Wilmot Pass. On a trunk of *Nothofagus menziesii*.

1.III.1927

leg. G. E. & G. Du Rietz (n. 2038:1)
det. R. Santesson 1999

LICHENES SELECTI EXSICCATI UPSALIENSES

292. *Siphula gracilis* Kantvilas

Herzogia 13: 133 (1998).

AUSTRALIA. Tasmania, c. 12 km SE Zeehan, along road from Howard's Road to Mt. Dundas. 41°56'S 145°27'E. Alt. 280 m. On trunk of *Phyllocladus* in low, tangled rainforest of *Nothofagus*, *Anodopetalum*, *Phyllocladus* and *Cenarrhenes*.

9.III.1992

leg. & det. Mats Wedin (4278)

LICHENES SELECTI EXSICCATI UPSALIENSES

293. *Siphula torulosa* (Ach.) Nyl.

Mém. Soc. impériale Sci. nat. Cherbourg 5: 98 (1857). – *Lichen torulosus* Ach., Lichenographiae Svecicae Prodromus: 100 (1799 "1798").

SOUTH AFRICA. Western Cape, Piketberg, Grootberg Mt., N of Noupport Farm. 32°47'S 18°39'E. Alt. 800 m. On slightly sloping flat rocks.

6.XII.1996

leg. Roland Moberg (n. 11757)

det. R. Santesson 1997

LICHENES SELECTI EXSICCATI UPSALIENSES

294. *Staurothele levinae* Oxner

J. Bot. Acad. Sci. RSS Ukraine 20(28): 113 (1939).

KAZAKHSTAN. Vost. Kazakhstanskaja, Gypsum ground NE of Amanat. 48°08'N 84°30'E. Alt. 520 m. Open hilly area. On soil.

12.VI.1993

leg. & det. R. Moberg & A. Nordin (n. K18:17)

LICHENES SELECTI EXSICCATI UPSALIENSES

295. *Stereocaulon virgatum* Ach. ex Spreng.

Systema Vegetabilium, Ed. Decima Sexta, 4(1): 275 (1827). – Syn. *Stereocaulon sphaerophoroides* Tuck. (see J. Hattori Bot. Lab. 43: 206, 257 (1977)).

THE AZORES. Sao Miguel. 1 km S of Pico do Carvao. 37°30'N 26°30'W. Alt. 500 m. On lava blocks in an E-exposed slope.

20.I.1969

leg. Johan Santesson (n. 59)

det. R. Santesson 1994

LICHENES SELECTI EXSICCATI UPSALIENSES

296. *Sticta canariensis* (Bory) Bory ex Delise

Mem. Soc. linn. Normandie 2: 114 (1825). – *Pulmonarea canariensis* Bory in Floerke, Magazin Gesellschaft. naturf. Freunde, Berlin 2: 127 (1809).

IRELAND. Kerry, Cromaglan. 51°38'N 9°33'W. On big boulders.

5.VIII.1933

leg. & det. Gunnar Degelius

LICHENES SELECTI EXSICCATI UPSALIENSES

297. *Thysanothecium scutellatum* (Fr.) D.J.Galloway

Nova Hedwigia 36: 390 (1983). – *Cladonia?* *scutellata* Fr. in Lehmann, Pl. Preiss. 2: 141 (1846).

AUSTRALIA. Western Australia, Along Caves Road c. 2 km SE of Lake Cave, c. 16 km SSW of the town Margaret River. 34°06'S 115°02'E. Alt. 100 m. Karri (*Eucalyptus diversicolor*) forest. On a burnt stump.

21.II.1992

leg. R. Moberg & B. Owe-Larsson (n. A11:1)
det. R. Moberg 1999

LICHENES SELECTI EXSICCATI UPSALIENSES

298. *Xanthomaculina frondosa* (Hale) Hale

Lichenologist 17: 263 (1985). – *Parmelia frondosa* Hale, Botaniska Notiser 124: 349 (1971).

SOUTH AFRICA. Western Cape, Piketberg, Grootberg Mt., N of Noupoot Farm. 32°47'S 18°39'E. Alt. 800 m. On slightly sloping flat rocks.

6.XII.1996

leg. & det. Roland Moberg (n. 11756)

LICHENES SELECTI EXSICCATI UPSALIENSES**299. Xanthomaculina hottentotta** (Ach.) Hale

Lichenologist 17: 264 (1985). – *Lichen hottentottus* Ach., Lichenographiae Suecicae Prodomus: 155 (1799 "1798").

SOUTH AFRICA. Western Cape, Tanqua Karoo (c. 70 km NNE of Worcester). 33°05'S 19°46'E. Alt. 650 m. On N-exposed rocks on a dry, small hill.

3.XII.1996

leg. & det. Roland Moberg (n. 11709)

LICHENES SELECTI EXSICCATI UPSALIENSES**300. Xanthoria capensis** Kärnefelt, Arup & L.Lindblom

Bibliotheca Lichenologica 57: 254 (1995).

SOUTH AFRICA. Western Cape Prov., Cape Peninsula, c. 2 km W of Ocean View along M65. 34°09'S 18°19'E. Alt. 100 m. On westexposed rocks.

15.XII.1996

leg. & det. Roland Moberg (n. 11900)

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