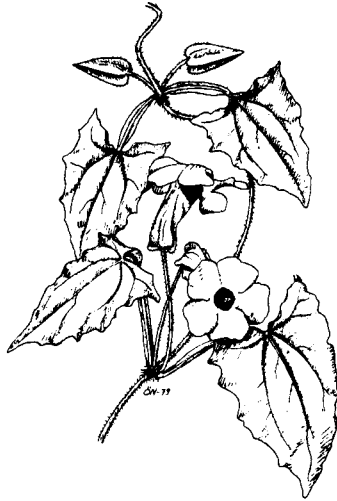


THUNBERGIA

20



ROLAND MOBERG

LICHENES SELECTI EXSICCATI UPSALIENSES

Fasc. 5 & 6 (Nos 101 - 150)

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1994

THUNBERGIA 20

Lichenes selecti exsiccati Upsalienses

Fascicles 5 & 6

(Nos 101-150)

Roland Moberg

UPPSALA 1994

Distributor: Botanical Museum, Uppsala University

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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Contributions are refereed by external specialists.

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**Lichenes Selecti Exsiccati Upsalienses. Fascicles 5 & 6
(Nos 101-150)**

Roland Moberg

Moberg, R. 1994. Lichenes selecti exsiccati upsaliensis. Fasc. 5 & 6 (Nos 101–150). – Thunbergia 20: 1–17. Uppsala.
ISSN–0283–2275.

Isotypes of *Pannaria decipiens* and *Xanthoria borealis* are distributed. Comments on typification and literature are made for several species. Lich. sel. ex. Ups. no 7 is redetermined to *Ionaspis heteromorpha*.

Roland Moberg, Botanical Museum (Fytoteket), Uppsala University, Villavägen 6, S-752 36 Uppsala, Sweden.

LICHENES SELECTI EXSICCATI UPSALIENSES

101. Amandinea coniops (Wahlenb.) Scheidegger & H. Mayrhofer

in Scheidegger, Lichenologist 25: 342, 1993. – *Lecidea coniops* Wahlenb. in Ach., Meth. Lich., Suppl.: 8, 1803.

SWEDEN. Bohuslän Prov., Stenkyrka par., Bäckekilen (Bäcke kile). 57°58'N 11°40'E. On stones in the storm belt, among grass.

24.VII.1923 leg. A. H. Magnusson (n. 7500)
det. C. Scheidegger 1991

Note: The material annotated as holotype by Scheidegger is a lectotype as there is another specimen mounted on the same sheet collected on May 23. – R.M.

LICHENES SELECTI EXSICCATI UPSALIENSES

102. Anisomeridium nyssaegenum (Ellis & Everh.) R. C. Harris

Evansia 2: 44, 1985. – *Zigonella nyssaegenum* Ellis & Everh., Proc. Acad. Sci. Nat. Philadelphia 1893: 137, 1893.

ESTONIA. Saaremaa Prov., Kuressaare, Castle City Park. 58°14'N 22°29'E. On *Fraxinus*, at the base.

4.VIII.1991 leg. & det. Roland Moberg (n. 9382)

LICHENES SELECTI EXSICCATI UPSALIENSES

103. *Arthonia leucopellaea* (Ach.) Almq.

K. Svenska Vetensk. Acad. Handl. 17(6): 28. – *Spiloma melaleucum* τ *leucopellaeum* Ach., Lich. Univ.: 138, 1810.

NORWAY. Hordaland Prov., Fusa par., SW of Skogseid. 60°12'N 05°53'E. Alt. 60 m. On *Betula*, shaded underside of leaning trunk.

5.IX.1987 leg. & det. Tor Tönsberg (n. 10609)

LICHENES SELECTI EXSICCATI UPSALIENSES

104. *Arthopyrenia lapponina* Anzi

Comm. Critt. Italiana 2: 25, 1864.

SWEDEN. Västergötland Prov., Slöta par., Ålleberg, Saleby. 58°07'N 13°36'E. On *Tilia*.

23.VIII.1936 leg. A. H. Magnusson (n. 15485)
det. Tony Foucard 1991

Note: Named *Didymella fallax* (Nyl.) Vain. by A. H. Magnusson.

LICHENES SELECTI EXSICCATI UPSALIENSES

105. *Bacidia fraxinea* Lönnroth

Flora 38: 612, 1858. – Syn.: *Bacidia fallax* (Körb.) Lettau

FRANCE. Pyrénées-orientales: Mt Alberès, Sorède forest, road towards Col de l'Orry. Grove with *Quercus pubescens* and *Castaneus*, more or less grazed.

VII.1990 leg. & det. E. Sérusiaux (n. 10907)

Note: Some specimens contain the lichenicolous fungus *Muellerella hospitans* Stizenb. – det. R. Santesson 1994.

LICHENES SELECTI EXSICCATI UPSALIENSES

106. *Bacidia fraxinea* Lönnroth

Flora 38: 612, 1858. – Syn. *Bacidia fallax* (Körb.) Lettau

SWEDEN. Gotland Prov., Vallstena par., Norrgarde forest meadow, c. 0.6 km N the farm Bjärs and c. 1.5 km SSE Bäl church. 57°37'N 18°38'E. On *Ulmus minor*.

9-10.VIII.1990 leg. & det. A. Nordin, R. Sundin & G. Thor
(n. 823)

LICHENES SELECTI EXSICCATI UPSALIENSES

107. *Bacidia rubella* (Hoffm.) A. Massal.

Rcherche Auton. Lich. Crustosi: 118, 1852. – *Verrucaria rubella* Hoffm., Deutschlands Flora: 174, 1796.

SWEDEN. Gotland Prov., Atlingbo par., Lilla Atlings forest meadow, c. 1.6 km ESE Atlingbo church. 57°28'N 18°22'E. On *Ulmus minor*.

7.IX.1990 leg. & det. A. Nordin, R. Sundin & G. Thor
(n. 1474)

LICHENES SELECTI EXSICCATI UPSALIENSES

108. *Bactrospora dryina* (Ach.) A. Massal.

Rcherche Auton. Lich. Crustosi: 133, 1852. – *Lichen dryinus* Ach., Lich. Prodr.: 16, 1799 (sic!).

ESTONIA. Läänemaa Prov., Puutu biological station (c. 3 km SSE of Virtsu). 58°34'N 23°34'E. Dense, old, broad-leaved deciduous forest at Baltic Sea. On *Tilia cordata* in the forest c. 0.5 km N of the house.

9.VIII.1991 leg. & det. Roland Moberg (n. 9490)

LICHENES SELECTI EXSICCATI UPSALIENSES

109. *Biatoridium monasteriense* J. Lahm ex Körb.

Parerga Lich.: 172, 1860. – Syn. *Biatorrella monasteriensis* (J. Lahm) J. Lahm, XI Jahresber. Westfälisch. Provinz.-Verein pro 1882: 131, 1883.

SWEDEN. Gotland Prov., Vallstena par., Norrgarde forest meadow, c. 0.6 km N of the farm Bjärs and c. 1.5 km SSE Bäl church. 57°37'N 18°38'E. Base of *Ulmus minor*.

9-10.VIII.1990 leg. & det. A. Nordin, R. Sundin & G. Thor
(n. 824)

Note: Körber's Parerga Lichenologica is published in parts within the years 1859-1865. Pages 1-96 in 1859, 97-192 in 1860, 193-288 in 1861, 289-384 in 1863 and pages 385-501 in 1865. – R. M.

LICHENES SELECTI EXSICCATI UPSALIENSES

110. *Bryoria indonesica* (P. M. Jörg.) Brodo & D. Hawksw.

Opera Bot. 42: 155, 1977. – *Alectoria indonesica* P. M. Jörg., Svensk Bot. Tidskr. 66: 194, 1972.

NEW ZEALAND. Gisborne: Urewera National Park, 1.9 km SE of the motorcamp at Lake Waikaremoana, Ngamoko Trig. 38°45'S 177°09'E. Alt. 950 m. On trunk of *Nothofagus menziesii*, 1.5-3 m above the ground, on NE side of trunks.

24.II.1992 leg. & det. Leif Tibell (n. 19427)

LICHENES SELECTI EXSICCATI UPSALIENSES

111. *Buellia ectolechioides* (Vain.) Erichsen

Verh. Bot. Ver. Prov. Brandenb. 72: 45, 1930. – *Melanaspicilia ectolechioides* Vain., Arkiv Bot. 8(4): 77, 1909.

NORWAY. Finnmark Prov., Nord-Varanger par., Varanger Peninsula, Vestre Jakobselv, 2-3 km N of the mouth of River Jakobselv. 70°08'N 29°19'E. Alt. 30 m. On exposed flat rocks on a rather steep rocky slope.

28.VII.1966 leg. & det. Rolf Santesson (n. 18781)

LICHENES SELECTI EXSICCATI UPSALIENSES

112. *Buellia jugorum* (Arnold) Arnold

Flora 67: 588, 1884. – *Buellia verruculosa* v. *jugorum* Arnold, Verh. Zool.Bot. Ges. Wien 28: 295, 1879.

SWEDEN. Torne Lappmark Prov., Jukkasjärvi par., Kärkevagge, valley with big boulders 3 km S of Låktatjokka railway station. Lower alpine belt. 68°24'N 18°20'E. Alt. 800 m. On small pieces of schist on a small ridge in the valley.

25.VIII.1992 leg. & det. R. Moberg & C. Scheidegger
(n. 10076)

LICHENES SELECTI EXSICCATI UPSALIENSES

113. *Bunodophoron australe* (Laurer) A. Massal.

Mem. Imp. Reale Ist. Veneto Sci. 10: 76, 1861. – *Sphaerophorus australis* Laurer, Linnaea 2: 44, 1827.

CHILE. Chiloe: Chiloe Nat. Park, c. 4 km N Cucao, at the shore of Laguna Huelde. 42°36'S 74°06'W. Alt. 5 m. Secondary *Tepualia* – *Luma* – *Nothofagus* forest. On trunk of *Luma apiculata*.

10.II.1989 leg. & det. Mats Wedin (n. 1440)

LICHENES SELECTI EXSICCATI UPSALIENSES

114. *Bunodophoron dodgei* (Ohlsson) Wedin

Pl. Syst. Evol. 187: 232, 1993. – *Sphaerophorus dodgei* Ohlsson in Wedin, Lichenologist 24: 121, 1992.

CHILE. Llanquihue: Vicente Perez Rosales Nat. Park, c. 4 km NNE Puerto Callao, along Rio Sin Nombre. 41°02'S 72°11'W. Alt. 380 m. Disturbed *Eucryphia* – *Nothofagus* – *Saxegothea* forest. On trunk of *Nothofagus dombeyi*.

16.II.1989 leg. & det. Mats Wedin (n. 1496)

LICHENES SELECTI EXSICCATI UPSALIENSES

115. *Byssoloma subdiscordans* (Nyl.) P. James

Lichenologist 5: 126, 1971. – *Chiodecton subdiscordans* Nyl., Flora 64: 221, 1879.

CROATIA. Rab Island, Dundo forest, the southernmost part, c. 0.1 km N of Kristofor cove. 44°45'N 14°43'E. Alt. 5 m. On trunk of *Quercus ilex*.

31.III.1991 leg. Anders Nordin (n. 2797)
det. Rolf Santesson 1993

LICHENES SELECTI EXSICCATI UPSALIENSES

116. *Cetraria steppae* (Savicz) Kärnef.

Bryologist 96: 400, 1993. – *Cornicularia steppae* Savicz, Notul. Syst. Inst. Crypt. Horti Bot. Reipubl. Rossicae 3: 187, 1924.

ROMANIA. Dobrogea Prov., Tulcea Distr., Caraorman Island, outside Caraorman forest. 45°03'N 29°24'E. Alt. 20 m. On old sand-dunes.

5.X.1992 leg. & det. Roland Moberg (n. 10140)

LICHENES SELECTI EXSICCATI UPSALIENSES

117. *Chiodecton congestulum* Nyl.

Bull. Soc. Linn. Normandie, Sér. 2, 2: 106, 1868.

AUSTRALIA. Queensland: Atherton Tableland, 18 km NE of Atherton, c. 4.5 km NE of Tinaroo Falls, just N of Dambulla Forest Drive, c. 0.5 km N of Tinaroo Dam. 17°09'S 145°35'E. Alt. 700 m. Montane rainforest close to a small stream.

16.XI.1985 leg. & det. Göran Thor (n. 5149)

LICHENES SELECTI EXSICCATI UPSALIENSES

118. *Cladina skottsbergii* (H. Magn.) Follm. f. *skottsbergii*

Philippia 4: 35, 1979. – *Cladonia skottsbergii* H. Magn., Arkiv. Bot. 30B(3): 2, 1941.

USA. Hawaii: Kauai, E of Kalalau lookout, along Pihea Trail. 22°09'N 159°38'W. Alt. 1250 m. *Metrosideros*-dominated vegetation. On the ground close to the trail, open and exposed.

4.III.1990 leg. & det. Mats Wedin (n. 3725)

LICHENES SELECTI EXSICCATI UPSALIENSES

119. *Cladonia foliacea* (Huds.) Willd.

Fl. Berol.: 363, 1787. – *Lichen foliaceus* Huds., Fl. Angl., ed 1: 457, 1762.

ROMANIA. Dobrogea Prov., Tulcea Distr., Caraorman Island, outside Caraorman forest. 45°03'N 29°24'E. Alt. 20 m. On old sand-dunes.

5.X.1992 leg. & det. Roland Moberg (n. 10136a)

LICHENES SELECTI EXSICCATI UPSALIENSES

120. *Cladonia subrangiformis* Sandst.

Abh. Nat. Ver. Bremen 25: 165, 1922.

ROMANIA. Dobrogea Prov., Tulcea Distr., Caraorman Island, outside Caraorman forest. 45°03'N 29°24'E. Alt. 20 m. On old sand-dunes.

5.X.1992 leg. & det. Roland Moberg (n. 10139)

LICHENES SELECTI EXSICCATI UPSALIENSES

121. *Collema kauaiense* H. Magn.

in A. H. Magnusson & A. Zahlbruckner, Arkiv Bot. 31A(1): 63, 1943.

NEW ZEALAND. North Auckland: 9 km E of Kerikeri, 0.8 km NNW of Mt. Wharau, by the sea-shore. 35°12'S 174°02'E. On horizontal trunk of *Metrosideros* in shaded situation.

11.IV.1992 leg. & det. Leif Tibell (n. 19499)

LICHENES SELECTI EXSICCATI UPSALIENSES

122. *Dermatiscum thunbergii* (Ach.) Nyl.

Mém. Soc. Imp. Sci. Nat. Cherbourg 5: 116, 1857. – *Lichen thunbergii* Ach., Lich. Prodr.: 143, 1799 (sic!).

SOUTH AFRICA. Cape Prov., Willowmore, Voorkloof, Baviaanskloof Mountains, 42 km from road junction at Willowmore to Studtis (5.6 km from Uniondale turnoff to Studtis), Nuwekloof. Farm: Adams Kraal. 33°40'S 23°07'E. Alt. c. 920 m. On vertical Table Mountain Sandstone faces, with drier W aspect, of S cliffs.

9.III.1988 leg. & det. F. Brusse (n. 5219)

LICHENES SELECTI EXSICCATI UPSALIENSES

123. *Echinoplaca epiphylla* Fée

Essai sur les Cryptogames: XCII, 1824.

JAVA. Bogor. 6°34'S 106°45'E. On leaves of *Jambosa domestica*.

28.IX.1897 leg. Erik Nyman (n. 8a)
det. R. Santesson 1950

LICHENES SELECTI EXSICCATI UPSALIENSES

124. *Echinoplaca epiphylla* Fée

Essai sur les Cryptogames: XCII, 1824.

FRANCE. Finistere: Bretagne, Chaos de Saint-Herbot, SW of Huelgoat. 48°22'N 3°45'W. On *Abies alba* in *Quercus-Fagus forest* with strong atlantic influence.

3.X.1990 leg. H. T. Lumbsch & G. B. Feige (n. 8099b)
det. A. Vezda 1991

LICHENES SELECTI EXSICCATI UPSALIENSES

125. *Ionaspis arctica* Lynge

Report Sci. Results Norwegian Expedition Novaya Zemlya 1921, 43: 43, 1928.

SWEDEN. Härjedalen Prov., Tännäs par., In the river Ljusnan 2 km SSE of Hotel Ramundberget. 62°41'N 12°24'E. Alt. 700 m. On boulders in the river, often submerged.

8.VIII.1994 leg. & det. Rolf Santesson (n. 33668)

Note: Apothecal disc whitish (mixed with *Ionaspis cyanocarpa*, apothecial disc bluish)

LICHENES SELECTI EXSICCATI UPSALIENSES

126. *Ionaspis cyanocarpa* (Anzi) Jatta

Fl. Italica Cryptogama Lich.: 449, 1910. – *Aspicilia cyanocarpa* Anzi, Comm. Critt. Italiana 1: 145, 1862.

SWEDEN. Härjedalen Prov., Tännäs par., In the river Ljusnan 2 km SSE of Hotel Ramundberget. 62°41'N 12°24'E. Alt. 700 m. On boulders in the river, often submerged.

8.VIII.1994 leg. & det. Rolf Santesson (n. 33669)

Note: Lich. sel. exs. Ups. no 7 is *Ionaspis heteromorpha* (Krempelh.) Arnold. – det. R. Santesson 1994.

LICHENES SELECTI EXSICCATI UPSALIENSES

127. *Ionaspis rhodopis* (Sommerf.) Blomb. & Forssell

Points-förteckning över Skandinavians växter, Lichenes: 101, 1880. – *Lecanora acharii* β *rhodopis* Sommerf., Suppl. Fl. Lapp.: 89, 1826.

SWEDEN. Västmanland Prov., Viker par., W shore of Lake Älvtälängen, c. 0.3 km S of Näsudden. 59°26'N 14°48'E. Alt. 131 m. Abundant on calcareous boulders in open situation by the water.

14.VIII.1993 leg. & det. Lars-Erik Muhr (n. 13632)

LICHENES SELECTI EXSICCATI UPSALIENSES

128. *Neophyllis melacarpa* (F. Wilson) F. Wilson

J. Linn. Soc., Bot. 28: 372, 1891. – *Phyllis melacarpa* F. Wilson, Victorian Naturalist 6: 68, 1889.

NEW ZEALAND. Wellington: Tararua S.F., 18 km S of Otaki, 0.5 km SE of Kapahapanui Hut, along Kapahapanui Track. 40°55'S 175°10'E. Alt. 925 m. In pure *Nothofagus menziesii* forest with much hymenophyllae. On decorticated standing trunk.

13.I.1990 leg. & det. Leif Tibell (n. 19035)

LICHENES SELECTI EXSICCATI UPSALIENSES

129. *Opegrapha ochrocheila* Nyl.

Flora 48: 212, 1865.

SWEDEN. Gotland Prov., Boge par., Laxarve forest meadow, c. 2.3 km NNW Boge church and c. 2.8 km W Slite church. 57°42'N 18°45'E. Base of *Fraxinus excelsior*.

30-31.VIII.1990 leg. & det. A. Nordin, R. Sundin & G. Thor (n. 1250)

LICHENES SELECTI EXSICCATI UPSALIENSES

130. *Opegrapha soreidiifera* P. James

Lichenologist 2: 86, 1962.

SWEDEN. Gotland Prov., Rone par., Oggesänget forest meadow, c. 0.5 km S Jaksarve and c. 1.0-1.4 km W Rone church. 57°12'N 18°25'E. On *Quercus robur*.

28-29.VIII.1990 leg. & det. A. Nordin, R. Sundin & G. Thor (n. 1200)

LICHENES SELECTI EXSICCATI UPSALIENSES

131. *Opegrapha varia* Pers. v. *varia*

Ann. Bot. (Usteri) 7: 30, 1794.

ESTONIA. Läänemaa Prov., Puutu biological station (c. 3 km SSE of Virtsu). 58°34'N 23°34'E. Dense, old, broad-leaved deciduous forest at Baltic Sea. On *Tilia cordata* in the forest c. 0.5 km N of the house.

9.VIII.1991 leg. & det. Roland Moberg (n. 9489)
confirm. Leif Källsten 1993

LICHENES SELECTI EXSICCATI UPSALIENSES

132. *Pannaria crenulata* P.M. Jörg.

in D. J. Galloway, P. W. James & P. M. Jörgensen, New Zealand J. Bot. 21: 101, 1983.

NEW ZEALAND. Northland: 18 km NNW of Kaikohe, along Waihoanga Gorge Kauri Walk. 35°14'S 173°44'E. Alt. 310 m. On trunk of *Weinmannia racemosa*.

3.III.1992 leg. & det. Leif Tibell (n. 19455)

LICHENES SELECTI EXSICCATI UPSALIENSES

133. *Pannaria decipiens* P.M. Jörg. & D. Galloway **Isotype**

Flora of Australia 54: 315, 1992.

AUSTRALIA. New South Wales: Monga State Forest, 20 km SE of Braidwood, along Mongarlowe River, c. 5 km S of Monga. 35°38'S 149°55'E. Alt. 730 m. On stringy-barked *Eucalyptus* in humid forest along a stream.

7.IV.1981

leg. Leif Tibell (n. 12166)
det. P.M. Jörgensen 1992

Note: Holotype in MEL

LICHENES SELECTI EXSICCATI UPSALIENSES

134. *Pannaria elixii* P.M. Jörg. & D. Galloway

Flora of Australia 54: 315, 1992.

NEW ZEALAND. South Auckland: Coromandel Peninsula, 9 km E Whitianga Hakeri Beach. 36°51'S 175°46'E. Alt. 2 m. At the base of an old *Metrosideros excelsa* on the beach in shaded situation.

10.IV.1992

leg. Leif Tibell (n. 19476)
det. P.M. Jörgensen 1994

LICHENES SELECTI EXSICCATI UPSALIENSES

135. *Pertusaria multipuncta* (Turner) Nyl.

Acta Soc. Sci. Fennica 7: 447, 1863. – *Variolaria multipuncta* Turner, Trans. Linn. Soc. 9: 137, 1808.

NORWAY. Hordaland Prov., Askøy par., S of Lake Askevatnet. 60°29'N 05°11'E. Alt. 20 m. On branches of *Sorbus aucuparia*.

14.VI.1984

leg. & det. T. Tönsberg (n. 8842)

LICHENES SELECTI EXSICCATI UPSALIENSES

136. *Phaeophyscia hirsuta* (Mereschk.) Esslinger

Mycotaxon 7: 302, 1978. – *Physcia hirsuta* Mereschk., Annuaire Conserv. Jard. Bot. Genève 21: 181, 1919.

PERU. Huanuco: Valley of Rio Huallaga, W of Churubamba. 09°48'S 76°08'W. Alt. 1900 m. On the trunk of a cactus in an open slope with schistose rocks.

19.II.1981

leg. R. Santesson & R. Moberg (n. P33:20)
det. R. Moberg 1992

LICHENES SELECTI EXSICCATI UPSALIENSES

137. *Phaeophyscia hirtuosa* (Krempelh.) Esslinger

Mycotaxon 7: 304, 1978. – *Physcia hirtuosa* Krempelh., Flora 56: 470, 1873.

RUSSIA. Primor'e: Lazo Reserve, Kordon Petrova (c. 8 km WSW of Preobrazhenie), at River Nazgou. 42°43'N 133°52'E. Alt. 10 m. On the roof of an outhouse at Kordon Petrova.

26.IX.1991

leg. & det. Roland Moberg (n. 9966)

LICHENES SELECTI EXSICCATI UPSALIENSES

138. *Phaeophyscia hispidula* (Ach.) Essl. v. *hispidula*

Mycotaxon 7: 305, 1978. – *Parmelia hispidula* Ach., Lich. Univ.: 468, 1810.

AUSTRALIA. New South Wales: Road to Coreys Cave, 2 km NNE of Wee Jasper. 35°06'S 148°40'E. Alt. 40 m. *Eucalyptus* woodland, moderate slope with large limestone outcrops. On mosses.

12.VIII.1991

leg. & det. H. T. Lumbsch & H. Streimann
(n. 8955a)

Confirm. R. Moberg 1994

LICHENES SELECTI EXSICCATI UPSALIENSES

139. *Phaeophyscia pyrrophora* (Poelt) Awasthi & Joshi

Indian J. Mycol. Res. 16: 278, 1978. – *Physcia pyrrophora* Poelt, Kumbhu Himal 6(2): 84, 1974.

RUSSIA. Primor'e: Lazo Reserve, Petrov Island (Pad Nazgou) (c. 8 km WSW of Preobrazhenie). 42°43'N 133°52'E. Alt. 10 m. On *Tilia amurensis* inside the forest margin of the seashore to the N.

25.IX.1991 leg. & det. Roland Moberg (n. 9955)

LICHENES SELECTI EXSICCATI UPSALIENSES

140. *Phaeophyscia squarrosa* Kashiwadani

Bull. Nat. Sci. Mus., Tokyo, Ser. B, 10: 47, 1984.

RUSSIA. Primor'e: Lazo Reserve, Tretylog, along River Perekatnaya, c. 1 km WSW of the house along the tributary from west. 43°11'N 133°58'E. Alt. 650 m. On *Quercus* on the mountain ridge N of the river.

18.IX.1991 leg. & det. Roland Moberg (n. 9767)

LICHENES SELECTI EXSICCATI UPSALIENSES

141. *Physcia caesia* (Hoffm.) Fűrnr.

Flora Ratisbonensis. Naturh. Topogr. Regensburg 2: 250, 1839. – *Lichen caesius* Hoffm., Enum. Lich.: 65, 1784.

SWEDEN. Bohuslän Prov., Fjällbacka par., Fjällbacka village, Badrestauranten (ad petram versus convictorium Badrestauranten vergentem). 58°35'N 11°16'E. On rocks.

VII.1943 leg. & det. Erik P. Vrang
Confirm. R. Moberg 1994

LICHENES SELECTI EXSICCATI UPSALIENSES

142. *Physcia semipinnata* (L.) Nyl.

Actes Soc. Linn. Bordeaux 21: 307, 1857. – *Lichen semipinnatus* Gmelin, Caroli a Linné Systema naturae 2(2): 1372, 1792.

GREECE. Crete: Rethimno, Mt Psiloritis, 7 km S of Anogia. 35°14'N 24°54'E. Alt. 800 m. On twigs of *Quercus coccifera*.

31.III.1993 leg. & det. Anders Nordin (3104)
Confirm. R. Moberg 1994

LICHENES SELECTI EXSICCATI UPSALIENSES

143. *Siphula decumbens* Nyl.

Lich. Novae Zelandiae: 14, 1888.

NEW ZEALAND. Gisborne: Urewera National Park, 3.5 km WNW of Aniwanuiwa, at Lake Ruapani. 38°44'S 177°08'E. Alt. 940 m. In mixed *Nothofagus menziesii* – *Nothofagus fusca* dominated forest. At base of trunk of *Nothofagus fusca*.

25.II.1992 leg. & det. Leif Tibell (n. 19446)
confirm. R. Santesson 1994

LICHENES SELECTI EXSICCATI UPSALIENSES

144. *Siphula polyschides* Krempelh.

Verh. zool.-bot. Ges., Wien 26: 434, 1876.

USA. Hawaii: Oahu, Waianae Range, Kaala Nat. Area Res., along Dupont Trail. 21°30'N 158°08'W. Alt. 1170 m. Shrubby *Metrosideros*-vegetation. On branches of *Metrosideros*.

3.II.1990 leg. & det. Mats Wedin (n. 3706)
confirm. R. Santesson 1994

LICHENES SELECTI EXSICCATI UPSALIENSES

145. *Sticta squamata* D. Galloway

New Zealand J. Bot. 21: 198, 1983.

NEW ZEALAND. South Auckland: Coromandel Peninsula, 12 km SE of Whitianga, Hot Water Beach. 36°53'S 175°49'E. On *Metrosideros* at the shore.

10.IV.1992 leg. & det. Leif Tibell (n. 19471)

LICHENES SELECTI EXSICCATI UPSALIENSES

146. *Umbilicaria decussata* (Vill.) Zahlbr.

Catal. Lich. Univ. 8: 490, 1932. – *Lichen decussatus* Vill., Hist. Plant. Dauphiné 3: 964, 1789.

ROMANIA. Hunedoara Prov., Retezat Mts, south-western slope of Mt. Retezat. 45°22'N 22°52'E. Alt. 2100-2300 m. On boulders above the *Pinus mugo* zone.

30.VII.1993 leg. & det. Roland Moberg (n. 10759)

LICHENES SELECTI EXSICCATI UPSALIENSES

147. *Verrucaria adriatica* Zahlbr.

in Ginzenberger, Denkschr. K. Akad. Wissensch. Wien, math.-naturw. Klasse 92: 303, 1915.

PORTUGAL. Estremadura Prov., c. 1 km N of Cabo Rasco (c. 30 km W of Lisboa). 38°44'N 9°30'E. On calcareous seashore rocks in the tide zone.

24.IV.1991 leg. & det. Rolf Santesson (n. 32918a)

LICHENES SELECTI EXSICCATI UPSALIENSES

148. *Verrucaria aspiciliicola* R. Sant.

Lichens of Sweden and Norway: 320, 1984.

FRANCE. Alpes-Maritimes: La Turbie, NE of Nice, Col de l'Arme. 43°45'N 07°24'E. Alt. 750 m. On calcareous rocks.

9.VII.1971 leg. & det. M. Skytte Christiansen (n. 71189)

LICHENES SELECTI EXSICCATI UPSALIENSES

149. *Vulpicida tubulosus* (Schaer.) J.-E. Mattsson & M. J. Lai

Mycotaxon 49: 428, 1993.

ESTONIA. Saaremaa Prov., Alta alvar SW of Kihelkonna village. 58°18'N 21°56'E. 'Alvar' with limestone pavements, boulders and gravel. *Juniperus communis* rather abundant. On mossy ground.

5.VIII.1991 leg. Roland Moberg (n. 9416)
det. J.-E. Mattsson 1993

LICHENES SELECTI EXSICCATI UPSALIENSES

150. *Xanthoria borealis* R. Sant.

Isotype

In J. Poelt & W. Petutschnig, Nova Hedwigia 54: 15, 1992.

SWEDEN. Torne Lappmark Prov., Jukkasjärvi par., Torneträsk, on the island of Abiskosuolo off Abisko. 68°22'N 18°50'E. Alt. 350 m. On the vertical rocks on the W side of the island. Bird rocks.

19.VIII.1943 leg. & det. Rolf Santesson (n. 3481)

Note: Holotype in UPS

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

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Published October 20, 1994

ISSN-0283-2275

Reprocentralen HSC, 1994