

# THUNBERGIA

14



ROLAND MOBERG

## LICHENES SELECTI EXSICCATI UPSALIENSES

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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.

References abbreviated according to Stafleu & Cowan, Taxonomic Literature. 2nd Ed., 1976–1988.

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## Lichenes Selecti Exsiccati Upsalienses. Fascicle 4

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Isotypes of *Ionaspis ventosa* and *Rimularia fuscocora* are distributed. Taxonomic comments and other notes are made for several species. A list of herbaria and private collections currently receiving the exsiccata is provided, and an index of the first 100 numbers is presented.

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With the present 4th fascicle, 100 numbers of *Lichenes selecti exsiccati upsalienses* have been distributed. In the first fascicle four new species were described (*Anzia afromontana* R. Sant., No 1, *Hypocenomyce leucococca* R. Sant., No 6, *Lecidea leproloma* R. Sant., No 14, and *Pyxine daedalea* Krog & R. Sant., No 17), in the second fascicle two new combinations were made (*Bellemeria subsorediza* (Lyngé) R. Sant., No 30 and *Caloplaca isidiosella* (Crombie) R. Sant., No 33). Ten numbers contain type material. In addition, comments and critical notes have been provided for several species. An alphabetical index to the first 100 numbers is presented at the end of this paper.

The exsiccata is edited in 15 sets. Occasionally, incomplete sets were also distributed and some are still available. The herbaria and private collections listed below are currently receiving this exsiccata (abbreviations according to Holmgren, P. K., Holmgren, N. H. & Barnett, L. C. 1990. Index Herbariorum, Part I: The herbaria of the world, Ed. 8. Regnum Vegetabile vol. 120. New York).

BM London, England, U.K.  
CANL Ottawa, Ontario, Canada  
CBG Canberra, A.C.T., Australia  
GZU Graz, Austria  
H Helsinki, Finland  
HMAS Beijing, P. R. China  
LD Lund, Sweden  
M München, Germany  
MIN St. Paul, Minnesota, USA  
O Oslo, Norway  
TNS Tokyo, Japan  
UPS Uppsala, Sweden  
US Washington, D.C., USA  
Dr. K. Kalb, Neumarkt/OPf., Germany  
Prof. A. Vezda, Brno, Czechoslovakia

## LICHENES SELECTI EXSICCATI UPSALIENSES

76. *Acarospora heppii* (Naegli) Naegli

in Koerber, Parerga Lich. p. 61, 1859. – *Myriospora heppii* Naegli in Hepp, Flechten Europas no 57, 1853.

SWEDEN. Hälsingland Prov., Norrala par., c. 2.5 km N of Söderhamn, Vågbro. 61°19'N 17°04'E. Alt. 5 m. On mortar on housefoundations at an old quarry.

30.VI.1990 leg. & det. Anders Nordin (no. 2578)

**Note:** Material from this locality was originally determined by P.M. Jörgensen. Compared with the type material in UPS and other herbarium specimens this material has more densely pruinose apothecia. The pruina varies from yellowish to whitish and may correspond to f. *luteopruinosa* Eitner.

## LICHENES SELECTI EXSICCATI UPSALIENSES

77. *Arthonia mediella* Nyl.

Not. Sällsk. Fauna Fl. Fennica Förhandl. IV: 238, 1859.

SWEDEN. Gotland Prov., Atlingbo par., c. 1.6 km ESE of Atlingbo church, L. Atlings forest meadow (änge). 57°28'N 18°24'E. On *Ulmus minor*.

23-25.VIII.1989 leg. & det. A. Nordin, R. Sundin & G. Thor  
(no. 230)

## LICHENES SELECTI EXSICCATI UPSALIENSES

78. *Calicium parvum* Tibell

Symb. Bot. Upsal. 21(2): 84, 1975.

SWEDEN. Hälsingland Prov., Enånger par., c. 4 km E of the village Lindefallet, in a swampy forest SE of Hedningahällan. 61°29'N 17°02'E. Alt. 30 m. On *Pinus sylvestris*.

13.V.1989 leg. & det. Mats Wedin (no. 1899)

## LICHENES SELECTI EXSICCATI UPSALIENSES

79. *Caloplaca chrysophthalma* Degelius

Svensk Bot. Tidskr. 38: 56, 1944.

SWEDEN. Gotland Prov., Ethelhem par., c. 1.9 km NNE of Ethelhem church, Tomsarve forest meadow (änge). 57°21'N 18°30'E. On *Fraxinus excelsior*.

8-9.IX.1989 leg. & det. A. Nordin, R. Sundin & G. Thor  
(no. 507)

## LICHENES SELECTI EXSICCATI UPSALIENSES

80. *Cladonia amaurocraea* (Flörke) Schaerer

Lich. Helvet. Spic. p. 34, 1823. – *Capitularia amaurocraea* Flörke in Weber & Mohr, Beitr. Naturk. p. 334, 1810.

SWEDEN. Ångermanland Prov., Nordingrå par., Ringkalleberget Mt (c. 5 km SE of the church), the steep NE slope with *Corylus*, *Acer* etc. 62°53'N 18°20'E. Alt. 150 m. On big boulders.

2.VIII.1990 Roland Moberg (no. 9200)

## LICHENES SELECTI EXSICCATI UPSALIENSES

81. *Cladonia luteoalba* A. Wilson & Wheldon

Trans. Liverpool Bot. Soc. 1: 6, 1909.

SWEDEN. Ångermanland Prov., Nordingrå par., Ringkalleberget Mt (c. 5 km SE of the church), the steep NE slope with *Corylus*, *Acer* etc. 62°53'N 18°20'E. Alt. 150 m. "Parasitic" on *Cladonia metacorallifera* on big boulders.

2.VIII.1990 Roland Moberg (no. 9201)  
confirm. T. Tönsberg 1990

**Note:** The status of this species has recently been discussed by Stenroos in *Karstenia* 30: 27-32, 1990.

## LICHENES SELECTI EXSICCATI UPSALIENSES

82. *Cladina stygia* (Fr.) Ahti

Nova Hedw., Beih. 79: 45, 1984 – *Cladonia rangiferina* f. *stygia* Fr., Nov. Sched. Crit. (Fasc. VIII-IX) 3: 22, 1826. – Syn. *Cladonia stygia* (Fr.) Rouss

SWEDEN. Lule Lappmark Prov., Jokkmokk par., c. 22 km SSE of Jokkmokk, road Larve – Kåbtåjaure, along the small river Görjeån, not far from "Helvetesfallet". 66°26'N 20°00'E. Alt. 300 m. On big boulders in the ravine.

4.VIII.1990 Roland Moberg (no. 9230)

## LICHENES SELECTI EXSICCATI UPSALIENSES

83. *Dimerella lutea* (Dickson) Trevisan

Rend. Reale Ist. Lomb. Sci. 13: 66, 1880. – *Lichen luteus* Dickson, Fasc. Pl. Crypt. Brit. p. 11, 1785.

TANZANIA. Arusha Prov., Mt Meru, eastern slope, road to the crater at Jekukumia River. 3°14'S 36°48'E. Alt. 2100-2200 m. On *Juniperus procera* in a dark montane forest.

7.I.1971 Rolf Santesson (no. 23000)  
det A. Vezda 1988

## LICHENES SELECTI EXSICCATI UPSALIENSES

84. *Hypogymnia vittata* (Ach.) Parr.

Acta Soc. Linn. Bordeaux 53: 66, 1898. – *Parmelia vittata*  $\beta$  *P. vittata* Ach., Meth. Lich. p. 251, 1803.

SWEDEN. Härjedalen Prov., Tännäs par., Mt Rosselberget (W of Lake Lossen c.7 km SE of Ljusnedal church), the basal part of the steep eastern side. 62°28'N 12°42'E. Alt. 600 m. On a vertical siliceous rock.

1.VII.1990 leg. & det. Rolf Santesson (no. 32858)

## LICHENES SELECTI EXSICCATI UPSALIENSES

85. *Ionaspis ventosa* P. M. Jörg. & R. Sant.

Isotype

Nord. J. Bot. 9: 433, 1989.

SWEDEN. Härjedalen Prov., Tännäs par., Mt Röstvålen, at the top (c. 5 km W of Mt Stora Mittåkläppen). 62°43'N 12°21'E. Alt. 860-870 m. On pebbles on the strongly exposed, and therefore snowless in winter, top of the mountain.

14.VIII.1989 Rolf Santesson (no. 32679)

## LICHENES SELECTI EXSICCATI UPSALIENSES

86. *Lecanora fuscescens* (Sommerf.) Nyl.

in Norrlin, Not. Sällsk. Fauna Fl. Fennica Förhandl. XII: 331, 1873. – *Lecidea fuscescens* Sommerf., K. Svenska Vetensk. Akad. Handl. 1823 p. 114, 1824.

SWEDEN. Härjedalen Prov., Tännäs par., c. 1.3 km ESE of Hotel Ramundberget. 62°42'N 12°24'E. Alt. 780 m. On the trunk of a birch in the subalpine birch forest.

6.VIII.1973 leg. & det. Rolf Santesson (no. 24591)

**Note:** In some specimens *Lecanora subintricata* (No. 87) with pale apothecia may be present.

## LICHENES SELECTI EXSICCATI UPSALIENSES

87. *Lecanora subintricata* (Nyl.) Th. Fr.

Lich. Scand. 1: 265, 1871. – *Lecanora varia* var. *subintricata* Nyl., Flora 60: 478, 1868.

SWEDEN. Härjedalen Prov., Tännäs par., c. 1.3 km ESE of Hotel Ramundberget. 62°42'N 12°24'E. Alt. 780 m. On the trunk of a birch in the subalpine birch forest.

6.VIII.1973 leg. & det. Rolf Santesson (no. 24592)

**Note:** In some specimens *Lecanora fuscescens* (No. 86) with dark to blackish apothecia may be present.

## LICHENES SELECTI EXSICCATI UPSALIENSES

88. *Micarea subleprosula* (Vezda) Vezda

in Vezda & V. Wirth, Folia Geobot. Phytotax. Praha 11: 101, 1976. – *Bacidia subleprosula* Vezda, Preslia 33: 366, 1961.

SWEDEN. Värmland Prov., Dalby par., c. 6 km N of Sysseleback village, in the ravine of Gravbäcken. 60°46'N 12°50'E. Alt. 230 m. On mosses growing on a steep and moist rock.

11.VIII.1986 leg. & det. Lars-Erik Muhr (no. 9566)

**Note:** Becomes rose-coloured with age. – L.-E. M.

## LICHENES SELECTI EXSICCATI UPSALIENSES

89. *Miriquidica pulvinatula* (Arnold) Hertel & Rambold

Mitt. Bot. Staatssamml. München 23: 389, 1987. – *Lecidella pulvinatula* Arnold, Verhandl. Zool.-Bot. Ges. Wien 29: 382, 1879. – Syn. *Lecidea circumnigrata* H. Magn.

SWEDEN. Härjedalen Prov., Tännäs par., Mt Gruvvålen, c. 0.1 km NE of Lake Glimsjön. 62°43'N 12°25'E. Alt. 920 m. On pebbles by an old copper mine.

17.VIII.1989 leg. & det. Rolf Santesson (no. 32706a)

## LICHENES SELECTI EXSICCATI UPSALIENSES

90. *Parmelia olivaceoides* Krog

Norsk Polarinstitut Skrifter 144: 109, 1968.

CHILE. Torres del Paine National Park, 13 km WNW of Sede Administrativo Refugio, at Rio Pingo. 51°07'S 73°09'W. Alt. 50 m. On bark of *Nothofagus antarctica* in open *N. antarctica* stand close to the river.

16.I.1989 leg. Leif Tibell (no. 17834)  
det. R. Santesson 1990

## LICHENES SELECTI EXSICCATI UPSALIENSES

91. *Phaeophyscia endophoenicea* (Harm.) Moberg

Symb. Bot. Upsal. 22(1): 38, 1977. – *Physcia obscura* v. *endophoenicea* Harm. Lich. de France, Phylloides p. 645, 1909.

JUGOSLAVIA. Croatia Prov., Zagreb, Mt Medvednica, northern slope below "500 stuba". 45°55'N 15°57'E. Alt. 600 m. On flaking bark of *Acer pseudoplatanus* in *Fagus-Abies* dominated forest.

24.III.1990 leg. & det. Anders Nordin (no. 2552)

## LICHENES SELECTI EXSICCATI UPSALIENSES

92. *Polyblastia hyperborea* Th. Fr.

Lich. Arct. p. 266, 1860.

SWEDEN. Härjedalen Prov., Tännäs par., c. 2.5 km N of Bruksvallarna (River Ljusnan), western slope of Mt Trappåsen, the small stream Röllekbäcken. 62°40'N 12°26'E.

a. Alt. 800 m. On rocks by the stream in the subalpine birch forest.

3.VIII.1986 leg. & det. Rolf Santesson (no. 31579)

b. Alt. 700 m. On rocks by the stream in the subalpine birch forest.

12.VIII.1983 leg. & det. Rolf Santesson (no. 30929)

**Note:** These two collections are from the same ravine of the small stream Röllekbäcken. Th. Fries later synonymized the species with *P. intercedens* Nyl. (Th. Fries, Polyblastiae Scandinavicae: 20, 1877). However, Fries probably interpreted *P. intercedens* incorrectly and until a revision of the genus is made, Fries' earlier concept of the species is retained. – R. S.

## LICHENES SELECTI EXSICCATI UPSALIENSES

93. *Ramalina roesleri* (Hochst. ex Schaerer) Hue

Revue Bot. 2: 319, 1888. – *Ramalina fraxinea*  $\delta$  *roesleri* Hochst. ex Schaerer, Enum. Crit. Lich. Europ. p. 9, 1850.

USA. Maine State, Knox Co., Penobscot Bay (S of Bangor), South Thomaston (6.5 km SSE of Rockland), Owls Head Lighthouse. 44°05'N 69°02'W. Abundant on twigs of *Picea canadensis* (= *P. glauca*) in a *P. canadensis* forest.

13.VIII.1926 G. Einar & Greta Du Rietz (no. 119:1)

## LICHENES SELECTI EXSICCATI UPSALIENSES

94. *Rimularia fuscosora* Muhr & Tönsberg Isotype

Nord. J. Bot. 8: 649, 1989.

SWEDEN. Västerbotten Prov., Skellefteå par., c. 3 km NE of Mt Stora Blåbergsliden, by the small stream Djupgrovbäcken. 65°40'N 20°21'E. Alt. 185 m. On *Alnus incana* in a rather shaded situation.

8.VIII.1984 Lars-Erik Muhr (no. 7540)

## LICHENES SELECTI EXSICCATI UPSALIENSES

95. *Roccellinastrum neglectum* Henssen & Vobis

Nord. J. Bot. 2: 295, 1982.

NEW ZEALAND. North Island, Taranaki Prov., Mt Egmont National Park, along Stratford Mt House Road, 0.3 km W of Potaema Picnic Area. 39°19'S 174°09'E. Alt. 600 m. In a very shady situation near the base of old *Weinmannia racemosa* in dense rainforest dominated by *W. racemosa* and *Dacrydium cupressinum*.

23.XII.1989 leg. & det. Leif Tibell (no. 18783)

## LICHENES SELECTI EXSICCATI UPSALIENSES

96. *Stereocaulon leucophaeopsis* (Nyl.) P. James & Purvis

in Purvis & P. James, Lichenologist 17: 235, 1985. – *Lecidea leucophaeopsis* Nyl. Flora 56: 20, 1873. – Syn. *Toninia leucophaeopsis* (Nyl.) Th.Fr.

NORWAY. Sør-Trøndelag Prov., Røros par., Røros, the slag-heaps by the end of Sleggeveien. 62°35'N 11°24'E. Alt. 650 m. On cupriferous soil.

2.VIII.1990 leg. & det. Rolf Santesson (no. 32874)

## LICHENES SELECTI EXSICCATI UPSALIENSES

97. *Stereocaulon ramulosum* (Sw.) Räscher

Nomencl. Bot. ed. 3, p. 328, 1797. – *Lichen ramulosus* Sw., Nova Gen. Sp. Pl. p. 147, 1788.

NEW ZEALAND. Antipodes Islands, Antopodes Island, big lichen carpet in the central part. 49°42'S 178°50'E.

4.IV.1927 leg. & det. G.E. Du Rietz (no. 2600:3)

## LICHENES SELECTI EXSICCATI UPSALIENSES

98. *Stereocaulon vesuvianum* Pers.

Ann. Wetterauischen Gesells. 2: 19, 1810.

PORTUGAL. The Azores, Sao Miguel, Pico do Fogo, c. 9 km ENE of Ponta Delgada. 37°29'N 25°40'W. On the ground on a steep slope.

17.I.1969 leg. Johan Santesson (no. 8)  
det. R. Santesson 1969

## LICHENES SELECTI EXSICCATI UPSALIENSES

99. *Strangospora pinicola* (Massal.) Körber

Parerga Lich. p. 173, 1860. – *Sarcogyne pinicola* Massal., Lotos 4: 78, 1856.

SWEDEN. Uppland Prov., Uppsala, at the street Thunbergsvägen just outside the entrance to the Botanical Garden. 59°51'N 17°38'E. On northfacing parts of the trunk of an old *Fraxinus*.

10.XI.1985 A. Aptroot & R. Moberg (no. 6783)

Note: May be conspecific to *S. moriformis*.

## LICHENES SELECTI EXSICCATI UPSALIENSES

100. *Waynea californica* Moberg

Lichenologist 22: 249, 1990.

USA. California State, Monterey par., Big Sur, just S of the village, along the small river Big Sur. 36°15'N 121°48'W. Alt. 100 m. On the trunk of *Quercus* in a fairly shady situation between the road and the river.

20.X.1990 Roland Moberg (no. 9315)

Note: This material is from a locality very close to the type locality. Since the species was described, material from LD has been sent to me, collected by Ulf Arup & Stefan Ekman. The distribution is now extended to several places along the coast of California and to Vancouver Island in Canada. The new material shows a wider variation in the soralia and the upper side. The soralia may sometimes appear labiate and the upper side can be more shiny (Vancouver Island). Otherwise, the description accommodates the new material in all other features. – See also C. Roux & P. Clerc, Bull. Soc. Linn. Provence, 42: 123-130, 1991.

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#### Publications from the Herbarium, University of Uppsala

1. L. Tibell, *Caliciales exsiccatae*, fasc. I (Nos 1–25), 1978
2. K. Vanky, *Ustilaginales*, fasc. I–V (Nos 1–125), 1979
3. K. Vanky, *Ustilaginales*, fasc. VI–X (Nos 126–250), 1979
4. L. Tibell, *Caliciales exsiccatae*, fasc. II (Nos 26–50), 1979
5. K. Vanky, *Ustilaginales*, fasc. XI–XIII (Nos 251–325), 1980
6. *Fungi Exsiccati Suecici*, fasc. LXI (Nos 3001–3050), 1981
7. *Fungi Exsiccati Suecici*, fasc. LXII (Nos 3051–3100), 1981
8. N. Lundqvist, *Fungi Fimicoli Exs.*, fasc. I–II (Nos 1–50), 1981
9. K. Vanky, *Ustilaginales*, fasc. XIV–XV (Nos 326–375), 1982
10. L. Tibell, *Caliciales exsiccatae*, fasc. III (Nos 51–75), 1982
11. K. Vanky, *Ustilaginales* fasc. XVI–XVIII (Nos 376–450), 1983
12. L. Tibell, *Caliciales exsiccatae*, fasc. IV (Nos 76–100), 1984
13. R. Santesson, *Fungi Lichenicoli Exs.*, fasc. I–II (Nos 1–50), 1984
14. *Fungi Exsiccati Suecici*, fasc. LXIII (Nos 3101–3150), 1984
15. *Fungi Exsiccati Suecici*, fasc. LXIV (Nos 3151–3200), 1984
16. L. Tibell, *Caliciales exsiccatae*, fasc. V (Nos 101–125), 1985
17. *Fungi Exsiccati Suecici*, fasc. LXV (Nos 3201–3250), 1985
18. *Fungi Exsiccati Suecici*, fasc. LXVI (Nos 3251–3300), 1985
19. R. Moberg, *Lichen exsiccata* and other collections in UPS, 1986

#### THUNBERGIA

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