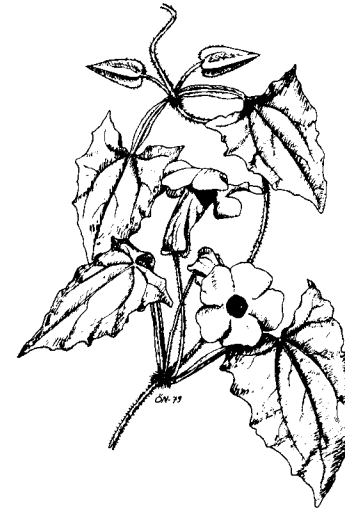


THUNBERGIA

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ROLAND MOBERG

LICHENES SELECTI EXSICCATI UPSALIENSES

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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

51. *Agonimia tristicula* (Nyl.) Zahlbr.

Österr. Bot. Zeitsch. 59: 351, 1909. - Verrucaria tristicula
Nyl., Flora 48: 356, 1865.

SWEDEN. Södermanland Prov., Mörkö par., c. 2.3 km ENE of Mörkö church and c. 1 km NE the croft Egelsvik. 59°00'N 17°42'E. Alt. c. 25 m. On shaded, mossy, vertical rock-faces.

29.IX.1988 leg. & det. G. Thor (no 7796)

LICHENES SELECTI EXSICCATI UPSALIENSES

52. *Bacidia carneoalbida* (Müll.Arg.) Coppins

Lichenologist 21: 99, 1989. - Patellaria carneo-albida
Müll.Arg., Flora 51: 50, 1868.

SWEDEN. Värmland Prov., Norra Finnskoga par., c. 2 km NE of Mt Östra Brånberget. 60°58'N 12°44'E. Alt. c. 430 m. On Populus tremula in dense and moist Picea-forest.

1.VI.1984 leg. & det. L.-E. Muhr (no 7006)

LICHENES SELECTI EXSICCATI UPSALIENSES

53. *Caloplaca lucifuga* Thor

Lichenologist 20: 175, 1988.

SWEDEN. Uppland Prov., Alsike par., 0.8 km NNW Krusenberg mansion, c. 150 m from Lake Mälaren. 59°44'N 17°35'E. Alt. c. 10 m. On a large Quercus robur growing in rather open situation on the northern side of a small hill.

24.IX.1987 leg. & det. G. Thor (no 7424)

LICHENES SELECTI EXSICCATI UPSALIENSES

54. *Cetraria hepatizon* (Ach.) Vain.

Medd. Soc. Fauna Fl. Fennica 14: 22, 1888. - Lichen hepatizon
Ach., Lich. Svec. Prodr.: 110, 1798.

SWEDEN. Härjedalen Prov., Tännäs par., Mt Gruvvälen, near Lake
Glimsjön (c. 2 km NE of Hotel Ramundberget). 62°42'N 12°25'E.
Alt. c. 920 m. On exposed schists in the subalpine region.

12.VIII.1988 leg. & det. R. Santesson (no 32495)

LICHENES SELECTI EXSICCATI UPSALIENSES

55. *Chrysothrix chrysophthalma* (P. James) P. James & Laundon

Lichenologist 13: 104, 1981. - Micarea chrysophthalma P. James,
Lichenologist 5: 131, 1971.

SWEDEN. Södermanland Prov., Utö par., NE part of the island
Utö, at the shore opposite the small island Svartkobb, 1.9 km
ESE of Utö kvarn. 58°57'N 19°21'E. On a decorticated Pinus
sylvestris on an exposed hill.

14.V.1988 leg. & det. G. Thor (no 7508)

LICHENES SELECTI EXSICCATI UPSALIENSES

56. *Cladonia hedbergii* Ahti

Isotype

Lichenologist 9: 4, 1977.

KENYA. Central Prov., Nanyuki Distr., Mt Kenya, National Park
Road (Naro Moru Track). 0°10'S 37°13-14'E. Alt. c. 3300 m. On
the ground in a wet slope in the Hagenia-Hypericum zone.

23.I.1970 leg. R. Santesson (no 32495)
det. T. Ahti 1976

LICHENES SELECTI EXSICCATI UPSALIENSES

57. *Eiglera flavida* (Hepp) Hafellner

Nova Hedwigia, Beih. 79: 276, 1984. - Lecanora flavida Hepp,
Flechten Europas no 630, 1860.

SWEDEN. Härjedalen Prov., Tännäs par., SE of Mt Skarsen, 2.5 km
NNW of Klinken. 62°44'N 12°17'E. Alt. c. 950 m. On calciferous
schist in an alpine Dryas heath.

8.VIII.1988 leg. & det. R. Santesson (no 32468)

LICHENES SELECTI EXSICCATI UPSALIENSES

58. *Haematomma ventosum* (L.) Massal. with pycnidia

Ricerche Lich. crostosi p. 33, 1852. - Lichen ventosum L.,
Spec. Plant. (2) p. 1141, 1753.

SWEDEN. Härjedalen Prov., Tännäs par., Mt Ramundberget, c. 0.3
km NE of Ösjöstugan (c. 3 km SW of Ramundbergets Fjällgård).
62°41'N 12°20'E. Alt. c. 900 m. On a big boulder in an alpine
heath.

4.VIII.1984 leg. & det. R. Santesson (no 31113)

LICHENES SELECTI EXSICCATI UPSALIENSES

59. *Lecidea sphacelata* Th. Fr.

Lichenographia Scandinavica p. 445, 1874.

SWEDEN. Värmland Prov., Norra Finnskoga par., c. 0.5 km SE of
Havsvallviken, near the stream Havsvallen. 61°00'N 12°37'E.
Alt. c. 320 m. On a boulder in open situation in a thin Pinus
-forest.

20.VII.1983 leg. & det. L.-E. Muhr (no 6458)

Note: The statement by Th. Fries (1874: 446) and Magnusson
(Svensk Bot. Tidskr. 46: 315, 1952) that Lecidea sphacelata is
K negative is not correct. The species contains norstictic acid
in the thallus (TLC) giving a K+ red reaction. L.-E. M.

LICHENES SELECTI EXSICCATI UPSALIENSES

60. *Lecidea nigroleprosa* (Vain.) H. Magn.

Bot. Notiser 1927: 118, 1927. - *Lecanora nigroleprosa* Vain.,
Medd. Soc. Fauna Fl. Fennica 9: 208, 1883.

SWEDEN. Härjedalen Prov., Tännäs par., Mt Gruvvålen, c. 0.3 km
SSW of Lake Glimsjön (c. 1.5 km ENE of Ramundbergets
Fjällgård). 62°42'N 12°25'E. Alt. c. 920 m. On exposed rocks in
the uppermost part of the subalpine forest.

11.VIII.1987 leg. & det. R. Santesson (no 31956)

LICHENES SELECTI EXSICCATI UPSALIENSES

61. *Leproloma diffusum* Laundon var. *chrysodetoides* Laundon

Lichenologist 21: 18, 1989. Isotype

SWEDEN. Värmland Prov., Burtjärn par., on the western slope of
the hill between Trettondetjärnen and Svarttjärnen. 59°29'N
14°24'E. Alt. c. 920 m. Over mosses on perpendicular rock
(greenstone) in a clearing, previously very likely in shaded
situation.

8.XI.1977 leg. L.-E. Muhr (no 598)

Note: The specimens in UPS indicated by Laundon (1989: 19)
are from Sweden, the provinces of Västergötland and Bohuslän,
and there is another Swedish collection (L.-E. Muhr) from the
province of Närke.

LICHENES SELECTI EXSICCATI UPSALIENSES

62. *Lithographa tesserata* (DC.) Nyl.

Actes Soc. Linn. Bordeaux 21: 441 (195 in reprint), 1857. -
Opegrapha tesserata De Candolle, Flore Fr. ed. 3, 2: 313, 1805.

SWEDEN. Värmland Prov., Norra Finnskoga par., in the ravine of
River Tåsan, by Vässelfallet. 60°47'N 12°45'E. Alt. c. 215 m.
On rocks in open situation by the river.

8.VIII.1988 leg. & det. L.-E. Muhr (no 11284)

LICHENES SELECTI EXSICCATI UPSALIENSES

63. *Micarea vulpinaris* (Nyl.) Muhr

Svensk Bot. Tidskr. 81: 25, 1987. - *Lecidea vulpinaris* Nyl.,
Flora 52: 410, 1869.
Syn.: *Micarea muhrii* Coppins, Bull. Br. Mus. Nat. Hist. (Bot.)
11(2): 160, 1983.

SWEDEN. Hälsingland Prov., Skog par., River Vrångån, 4.5 km SE
of Holmsveden. 61°05'N 16°39'E. Alt. c. 125 m. On decorticated
log by the stream.

16.VII.1987 leg. & det. A. Nordin (no 2185)

LICHENES SELECTI EXSICCATI UPSALIENSES

64. *Miriquidica intrudens* (H. Magn.) Hertel & Rambold

Mitt. Bot. Staatssamml. München 23: 386, 1987. - *Lecanora
intrudens* H. Magn., Bot. Notiser 1942: 8, 1942.

SWEDEN. Värmland Prov., Norra Finnskoga par., c. 7 km W of
Höljes, 'Hotellet'. 60°53'N 12°29'E. Alt. c. 320 m. On boulders
in open situation.

12.VI.1988 leg & det. L.-E. Muhr (no 11038)

Note: The species is similar to *Lecidea leproloma* but has
dark soredia instead of thallose spores and contains miriquidic
acid instead of stictic acid. Parasitic on *Aspicilia*,
Diploschistes, *Porpidia*, *Protoparmelia*, *Rhizocarpon* etc.

LICHENES SELECTI EXSICCATI UPSALIENSES

65. *Muhria urceolata* P.M. Jörg.

Notes R. Bot. Gard. Edinb. 44: 583.

SWEDEN. Värmland Prov., Karlskoga par., c 3 km N of Silver-
hyttan, near Lake Limtjärnen. 59°31'N 14°31'E. Alt. c. 165 m.
On rocks in open situation by the water.

10.IX.1988 leg. & det. L.-E. Muhr (no 11500)

LICHENES SELECTI EXSICCATI UPSALIENSES

66. *Pertusaria truncata* Krempelh.

Verh. Zool.-Bot. Ges. Wien 26: 452, 1876.

NEW ZEALAND. South Island, Southland, Fiordland National Park, 20 km W of Clifden, at the campsite at the national park boundary. 46°00'S 167°27'E. Alt. c. 130 m. On branches of a fallen Nothofagus menziesii in open pasture with forest remnants.

18.I.1981 leg. & det. L. Tibell (no 10541)

LICHENES SELECTI EXSICCATI UPSALIENSES

67. *Phaeophyscia chloantha* (Ach.) Moberg

Bot. Notiser 131: 259, 1978. - *Parmelia chloantha* Ach., Syn. Meth. Lich.: 217, 1814.
Syn.: Physcia luganensis Mereschk., Ann. Conserv. Jard. Bot. Geneve 21: 190, 1919.

FRANCE. Savoie Prov., Haute-Savoie Dept., N of Sciez, Château Coudrée. 46°18'N 6°25'E. On leaves and twigs of Buxus sempervirens in a dense Buxus forest.

9.VI.1946 leg. Rolf Santesson
det. R. Moberg 1988

LICHENES SELECTI EXSICCATI UPSALIENSES

68. *Phlyctis argena* (Sprengel) Flotow c. ap

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

SWEDEN. Gästrikland Prov., Hille par., c. 1 km NE of Brännsågen at the River Testeboån. 60°45'N 17°03'E. Alt. c. 55 m. On the trunk of a fallen Fraxinus excelsior.

15.IX.1987 leg. & det. A Nordin (no 2243)

LICHENES SELECTI EXSICCATI UPSALIENSES

69. *Porina semicarpia* Vain.

Ann. Acad. Sci. Fenn., ser. A, 15: 367, 1920.

NEW ZEALAND. South Island, Canterbury, Peel State Forest, 9 km N of Arundel along Big Tree Walk. 43°54'S 171°15'E. Alt. c. 300 m. On leaves of Metrosideros diffusa.

14.XI.1980 leg. L. Tibell (no 9580)
det. R. Santesson

LICHENES SELECTI EXSICCATI UPSALIENSES

70. *Rhizocarpon amphibium* (Fr.) Th. Fr.

Lich. Scand. p. 630, 1874. - Lecidea amphibia Fr., K. Svenska Vetensk.-Akad. Handl. 1822: 262, 1822.

SWEDEN. Värmland Prov., Norra Finnskoga par., in the ravine of River Tåsan, W of Digerfallet. 60°47'N 12°45'E. Alt. c. 210 m. On boulders in the river.

8.VIII.1988 leg. & det. L.-E. Muhr (no 11283)

LICHENES SELECTI EXSICCATI UPSALIENSES

71. *Rinodina efflorescens* Malme

Svensk Bot. Tidskr. 21: 251, 1927.

SWEDEN. Jämtland Prov., Hallen par., at the path between Mård-sundsodarna and Järvdalsodarna (c. 17 km SSE Mörsil). 63°09'N 13°43'E. Alt. c. 600 m. On old Salix caprea in a forest dominated by Picea abies.

14.IV.1988 leg. G. Thor (no 7484)
det. T. Tönsberg

LICHENES SELECTI EXSICCATI UPSALIENSES

72. *Sagenidium molle* Stirton

Proc. Philos. soc. Glasgow 10: 305, 1877.

NEW ZEALAND. South Island, Otago, 15 km WNW of Owaka, Catlins Forest, along Catlins River, S of the junction with Chloris Stream. 46°25'S 169°27'E. Alt. c. 150 m. On trunk of Nothofagus menziesii in N. menziesii-forest.

11.I.1981 leg. & det. L. Tibell (no 10275)

LICHENES SELECTI EXSICCATI UPSALIENSES

73. *Stereocaulon grande* (H. Magn.) H. Magn.

H. Magn. in Degelius (Nilsson), Arkiv Bot. 24A: 71, 1931. - Stereocaulon paschale var. grande H. Magn., K. Vet.-Vitterh.-Samh. Handl. 4, 30: 49, 1926.

SWEDEN. Västerbotten Prov., Holmsund par., Risön Island. 63°41'N 20°14'E. On flat, granite rocks in an open pine forest.

20.VII.1988 leg. & det. G. Carlin (no 88-19)

LICHENES SELECTI EXSICCATI UPSALIENSES

74. *Stereocaulon vesuvianum* Pers.

Ann. Wetterauschen Gesells. 2: 19, 1810.

SWEDEN. Härjedalen Prov., Tännäs par., Mt Gruvvålen, 0.2 km NNE of Lake Glimsjön (c. 2.2 km NE of Hotel Ramundberget). 62°43'N 12°25'E. Alt. c. 920 m. On an exposed hill in an old mining area.

11.IX.1988 leg. & det. R. Santesson (no 32551)

LICHENES SELECTI EXSICCATI UPSALIENSES

75. *Xanthoparmelia kiboensis* (Dodge) Krog & Swinscow

Isonotype

Lichenologist 19: 428, 1987. - Hypogymnia kiboensis Dodge, Ann. Missouri Bot. Garden 46: 50, 1959.

Syn.: Xanthoparmelia cylindriloba Knox in Knox & Brusse, J. S. Afr. Bot. 49: 147, 1983.

TANZANIA. Kilimanjaro, above Peter's Hut. 3°05'S 37°22'E. Alt. c. 3970 m. In the upper part of the Philippia region, on "frost-lifted ground".

23.VI.1948 leg. O. Hedberg (no 1354)