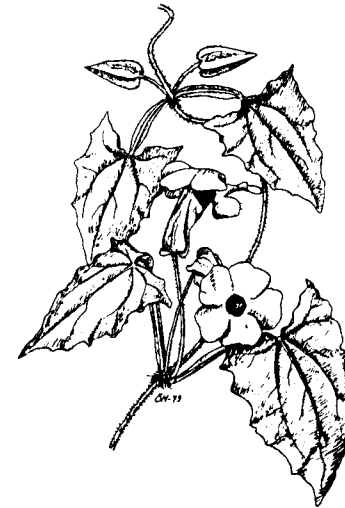


THUNBERGIA

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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

26. *Anzina carneonivea* (Anzi) Scheidegger

in Vezda, Schedae ad Lich. Sel. Exs., Fasc. 73: 5 (no 1815), 1982. - *Gyalolecia carneonivea* Anzi, Atti Soc. Ital. Sci. Natur. 11: 163, 1868.

SWEDEN. Härjedalen Prov., Tännäs par., between Klinken and Girtibaunastugan (c. 5 km NW of Ramundbergets Fjällgård). 62°43'N 12°18'E. Alt. c. 750-800 m. On bark of dead, fallen trunks of Betula in the subalpine birch forest.

9.VIII.1987 leg. & det. R. Santesson (no 31926)

LICHENES SELECTI EXSICCATI UPSALIENSES

27. *Anzina carneonivea* (Anzi) Scheidegger

in Vezda, Schedae ad Lich. Sel. Exs., Fasc. 73: 5 (no 1815), 1982. - *Gyalolecia carneonivea* Anzi, Atti Soc. Ital. Sci. Natur. 11: 163, 1868.

SWEDEN. Härjedalen Prov., Tännäs par., the valley of the river Ljusnan, c. 2.5 km SSE of Ramundbergets Fjällgård. 62°41'N 12°24'E. Alt. c. 700 m. Lignicolous on a decaying trunk of Pinus in the subalpine birch forest.

7.VIII.1987 leg. & det. R. Santesson (no 31916)

LICHENES SELECTI EXSICCATI UPSALIENSES

28. *Arthonia vinosa* Leighton

Ann. Mag. Nat. Hist., ser. 2, 18: 331, 1856.

SWEDEN. Västergötland Prov., Vänersnäs par., Mt Halleberg, Hallesnipen. 58°24'N 12°27'E. On the trunk of an oak in an open forest.

11.VII.1986 leg & det. R. Santesson (no 31509)

LICHENES SELECTI EXSICCATI UPSALIENSES

29. *Aspicilia excavata* Thor & Timdal

Lichenologist 18: 179, 1986.

SWEDEN. Närke Prov., Tysslinge par., 3 km NW of Garphyttan, at the foot of the southwestern slope of Mt Storstenshöjden. 59°20'N 14°55'E. Alt. c. 200 m. In a rather shaded situation on a concrete foundation of a water-pipe from lake Falkasjön.

1.V.1987 leg. & det. L.-E. Muhr (no 9910)

LICHENES SELECTI EXSICCATI UPSALIENSES

30. *Bellemeria subsorediza* (Lynge) R. Santesson **comb. nov.**

Basionym: *Lecidea subsorediza* Lynge in Dahl, Lynge & Scholander, *Skrifter om Svalbard og Ishavet* 70: 22, 1937.

SWEDEN. Härjedalen Prov., Tännäs par., Mt Gruvvålen, c. 1.5 km E of Ramundbergets Fjällgård. 62°42'N 12°35'E. Alt. c. 900 m. On rocks in an old copper mine.

11.VIII.1987 leg. & det. R. Santesson (no 31951)

Note The distributed material is sterile; the greenish colour of the specimens is due to incorporation of copper. Cf. Santesson in Vezda, *Lich. Sel. Exs.* no 1549 (*B. alpina*), 1978, and Purvis et al., *Lichenologist* 19: 193-203, 1987. A fertile specimen of *B. subsorediza* from Härjedalen (Santesson no 24181) is preserved in UPS.

LICHENES SELECTI EXSICCATI UPSALIENSES

31. *Buellia triphragmoides* Anzi

Atti Soc. Ital. Sci. Nat. 11: 171, 1868.

NORWAY. Sør-Trøndelag Prov., Brekken par., E of the bay Botnen of Lake Aursunden, near Jonasvold. 62°37'N 10°51'E. Alt. c. 720 m. On the trunk of an old *Populus tremula* in an open birch forest.

31.VII.1986 leg. & det. R. Santesson (no 31544)

LICHENES SELECTI EXSICCATI UPSALIENSES

32. *Buellia hypopodioides* (Nyl.) Arn.

Flora 1870: 479, 1870. - *Lecidea hypopodioides* Nyl., Flora 1867: 372, 1867.

SWEDEN. Härjedalen Prov., Tännäs par., Mt Gruvvålen, Hålliden (c. 1.1 km NNE of Ramundbergets Fjällgård). 62°43'N 12°24'E. Alt. c. 830 m. On overhanging rocks.

15.VIII.1985 leg. & det. R. Santesson (no 31363)

Note: The relation between *B. hypopodioides* and *B. leptocline* have to be studied further. - R.S.

LICHENES SELECTI EXSICCATI UPSALIENSES

33. *Caloplaca isidiosella* (Crombie) R. Santesson **comb. nov.**

Basionym: *Lecanora aurantiaca* (Lightfoot) Flotow v. *isidiosella* Crombie, *J. Linn. Soc. London Bot.* 15: 437, 1876.

KENYA. Coast Prov., Taita Distr., Tsavo National Park East, near Ndolola, S of Vio River (c. 10 km E of Voi). 3°22'S 38°39'E. Alt. c. 500 m. On solitary *Kigelia aetiopica* tree.

15.I.1971 leg. & det. R. Santesson (no 23646)

LICHENES SELECTI EXSICCATI UPSALIENSES

34. *Candelariella superdistans* (Nyl.) Malme

Svensk Bot. Tidskr. 4: 164, 1910. - *Lecanora superdistans* Nyl. Flora 1879: 355, 1879.

SWEDEN. Gästrikland Prov., Hille par., bank of river Testeboån c. 2 km SE of Oslättfors (14 km NW of Gävle). 60°45'N 17°04'E. Alt. c. 60 m. On *Lecanora populicola* on twigs of a fallen *Populus tremula*.

24.VII.1987 leg. & det. A. Nordin (no 2189)

LICHENES SELECTI EXSICCATI UPSALIENSES

35. *Cetraria odontella* (Ach.) Ach.

Syn. Meth. Lich.: 230, 1814. - Lichen odontellus Ach., Lich. Suec. Prodr.: 213, 1798.

SWEDEN. Uppland Prov., Funbo par., Hallkved, c. 0.5 km NNE of the manor. 59°51'N 17°52'E. On a big boulder in a meadow.

18.V.1986 leg. & det. R. Santesson (no 31444)

LICHENES SELECTI EXSICCATI UPSALIENSES

36. *Cheiromycina flabelliformis* Sutton

in Sutton & Muhr, Nord. J. Bot. 6: 834, 1986.

SWEDEN. Värmland Prov., Dalby par., c. 6 km N of Sysseleback village, in the ravine of the brook Gravbäcken. 60°46'N 12°50'E. Alt. c. 230 m. On Salix in very shady situation.

25.VII.1985 leg. & det. L.-E. Muhr (no 8148)

LICHENES SELECTI EXSICCATI UPSALIENSES

37. *Collema hueanum* Degelius v. *hueanum*

Symb. Bot. Upsal. 20(2): 182, 1974.

SOUTH AFRICA. Cape Prov., George Div., Mt Outeniekwaberger, Herold, near Montagu Pass. 33°51'S 22°27'E. Alt. c. 600 m. On a solitary Eucalyptus globosus at a road.

3.II.1970 leg. & det. G. Degelius (no SA-15)

LICHENES SELECTI EXSICCATI UPSALIENSES

38. *Collema kauaiense* H. Magnusson

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

SRI LANKA (CEYLON). Central Prov., Nuwara Eliya, near the Golf Club. 6°57'N 80°47'E. Alt. c. 1850 m. On the trunk of a big Eucalyptus at a road.

22.III.1964 leg. & det. G. Degelius (no As-480)

Note: Apothecia present.

LICHENES SELECTI EXSICCATI UPSALIENSES

39. *Dermatocarpon miniatum* (L.) Mann

Lich. Bohemia Observ. Disp.: 66, 1825. - Lichen miniatus L., Spec. Plant.(2): 1149, 1753.

SWEDEN. Uppland Prov., Dalby par., c. 1 km NW of Vretaudd (c. 11 km SSW of Uppsala). 59°46'N 17°35'E. Alt. c. 5 m. On a seepage on an almost vertical rock.

15.V.1967 leg. & det. R. Santesson (no 19148)

LICHENES SELECTI EXSICCATI UPSALIENSES

40. *Lecanora iatro* Poelt

Öst. Bot. Z. 109: 524, 1962.

SWEDEN. Härjedalen Prov., Tännäs par., Mt Gruvvålen, c. 0.3 km SSW 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 31956b)

LICHENES SELECTI EXSICCATI UPSALIENSES

41. *Lecidea limosa* Ach.

Lich. Univ.: 182, 1810.

SWEDEN. Härjedalen Prov., Tännäs par., c. 3 km SW of Mt Stora Mittåkläppen, Gammelgruvan (between Dalsvallen and Ramundbergets Fjällgård). 62°42'N 12°26'E. Alt. c. 940 m. On naked soil at an old copper mine.

30.VI.1978 &

11.VIII.1980 leg. & det. R. Santesson (no 28146, 30236)

LICHENES SELECTI EXSICCATI UPSALIENSES

42. *Lobaria linita* (Ach.) Rabenh.

Deutschl. Kryptogamen-Flora 2: 65, 1845. - *Sticta linita* Ach., Syn. Meth. Lich.: 234, 1814.

SWEDEN. Torne Lappmark, Jukkasjärvi par., Abisko, 0.5 km ENE of the Research Station. 68°21'N 18°50'E. Grid: UTM DA1084. Alt. c. 350 m. On the boggy ground in an open heath.

16.VIII.1986 leg. & det. R. Santesson (no 31646a)

LICHENES SELECTI EXSICCATI UPSALIENSES

43. *Nephroma expallidum* (Nyl.) Nyl.

Flora 48: 428, 1865. - *Nephromium expallidum* Nyl. Öfvers. K. Svenska Vet.-Akad. Förh. 1860(6): 295, 1860.

SWEDEN. Torne Lappmark, Jukkasjärvi par., Abisko, 0.7 km NE of the Research Station. 68°21'N 18°50'E. Grid: UTM DA1084. Alt. c. 350 m. On boggy ground in an open birch forest.

16.VIII.1986 leg. & det. R. Moberg (no 7065)

LICHENES SELECTI EXSICCATI UPSALIENSES

44. *Porina aenea* (Wallroth) Zahlbr.

Catalogus Lich. Univ. 1: 363, 1922. - *Verrucaria aenea* Wallroth, Flora Crypt. Germ. 3: 299, 1831.

SWEDEN. Södermanland Prov., Hölö par., Tullgarn castle. 59°57'N 17°35'E. On the trunk of *Fraxinus excelsior*.

1872

leg. E. Köhler

LICHENES SELECTI EXSICCATI UPSALIENSES

45. *Racodium rupestre* Pers.

Tent. Disp. Meth. Fung.: 76, 1797.

SWEDEN. Härjedalen Prov., Tännäs par., southern slope of Mt Gruvvålen (SW of Mt Mittåkläppen). 62°43'N 12°25'E. Alt. c. 900 m. On exposed rock in the upper part of the subalpine (birch) region.

1.IX.1970

leg. & det. R. Santesson (no 22567)

LICHENES SELECTI EXSICCATI UPSALIENSES

46. *Rhizocarpon jemtlandicum* (Malme) Malme

Svensk Bot. Tidskr. 8: 283, 1914. - *Rhizocarpon badioatrum* * *jemtlandicum* Malme, Svensk Bot. Tidskr. 7: 375, 1913.

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 habitat.

20.VII.1983

leg & det. L.-E. Muhr (no 6423)

LICHENES SELECTI EXSICCATI UPSALIENSES

47. *Roccella fuciformis* (L.) DC.

in Lam. & DC. Flore France, ed 3, 2: 335, 1805. - Lichen fuciformis L. Spec. Plant. (2): 1147, 1753.

CANARY ISLANDS. Tenerife Island, c. 1 km E of Cruz Grande (S of Garachico). 28°21'N 16°47'W. On lava in an open lava field.

28.III.1976 leg. & det. R. Santesson (no 26928)

Note: Apothecia present.

LICHENES SELECTI EXSICCATI UPSALIENSES

48. *Sturothele clopimoides* (Arn.) J. Steiner

Ann. Naturhist. Hofmus. Wien 20: 383, 1907. - Sphaeromphale clopimoides Arn., Verh. Zool.-Bot. Ges. Wien 24: 250, 1874. (In earlier publ. nomen nudum.)

SWEDEN. Torne Lappmark, the Torneträsk area, eastern slope of Mt Njulla (Nuolja). 68°22'N 18°42'W. Alt. c. 1100 m. In a shallow and wide brook by a snowbed.

28.VII.1936 leg. & det. R. Santesson

LICHENES SELECTI EXSICCATI UPSALIENSES

49. *Thelotrema suecicum* (H. Magn.) P. James

Lichenologist 9: 186, 1977. - Ocellularia suecica H. Magn., Bot. Notiser 1937: 125, 1937.

SWEDEN. Närke Prov., Lerbäck par., the valley Gropedalen (c. 8 km SSE of Hallsberg). 58°59'N 15°10'E. On the trunk of an old Corylus avellana in the valley.

2.IX.1888 leg. Rutger Sernander
det. R. Moberg 1984

LICHENES SELECTI EXSICCATI UPSALIENSES

50. *Usnea antarctica* Du Rietz

Svensk Bot. Tidskr. 20: 93, 1926.

SOUTH SHETLANDS. King George Island, Admiralty Bay. 62°10'S 58°30'W. Alt. c. 50 m. On stones in a stony slope.

5.I.1953 leg. B. Frödin (no 21a)
det. F. J. Walker 1982