Index seminum atque sporarum anno ... collectorum

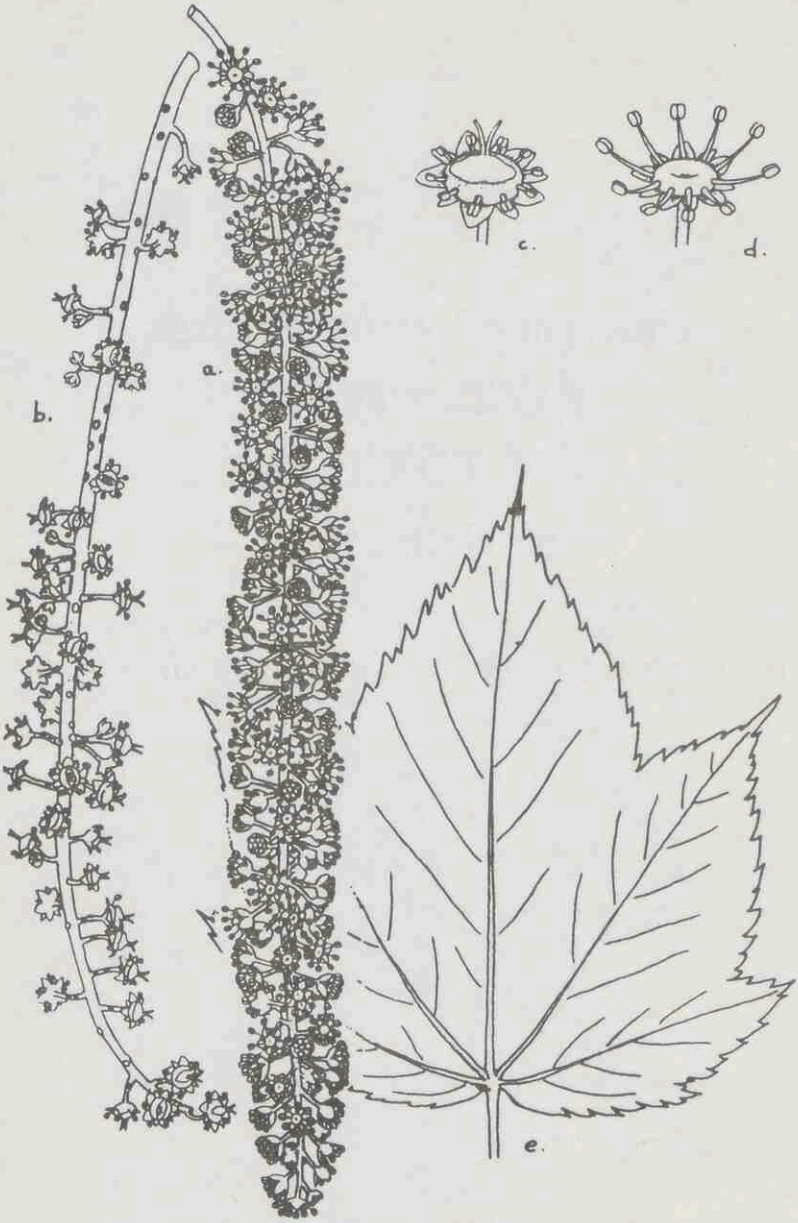
INDEX SEMINUM ATQUE SPORARUM

University Botanic Gardens
Utrecht,
The Netherlands

No.30 - 1986

University Botanic Gardens
P.O. Box 80.162
3508 TD Utrecht
The Netherlands

Index Seminum Atque Sporarum No.30 - 1986



Acer nipponicum Hara (no.6, see page 8).
a,b: flowering inflorescense. a: ♂ phase;
b: ♀ phase; c: ♀ flower; d: ♂ flower; e: leaf.
Drawing: S.J. Langedijk

Staff: Dr. Piet C. de Jong,
Scientific Director
Drs. Vijko P. A. Lukkien,
Curator of Gardens
Jan Tolsma,
Curator of Collections
Bert v.d. Wollenberg,
Ass. Curator of Collections
Leo Snel,
Secretary

The Gardens are located at:

Cantonspark, Baarn
Fort Hoofddijk, Utrecht (University center)
Hortus Botanicus, Utrecht (city center)
Sandwijck, De Bilt
Von Gimborn Arboretum, Doorn

Situation and climate:

52°06'N; 5°11'E
Alt.: 2m above sea level
average annual rainfall: 796mm
mean annual maximum temperature: 31.8°C
mean annual minimum temperature: -11.5°C

Introduction

With the presentation of our Index Seminum 1986 we take the opportunity to inform you on some recent developments concerning the University Botanic Gardens of Utrecht.

- From 1982 onwards our computerized database is operational. In May 1986 we have developed a P.C. (Personal Computer) orientated system, called **BUD** (Botanic Gardens Utrecht Database system), which not only manages a database of nearly 16.000 accessions, but also covers a series of programs affiliated with the database.
- One of the first results of this equipment (**BUD**) was the compilation of a catalogue which contains a survey of our collections and an account of the various parts of it. This "Catalogue of Plant Collections" was published in October 1986.
- This seedlist is also published using **BUD**, thus avoiding the laborious typing of lists.
- The previously announced concentration of the Gardens in the University Center "De Uithof" in Utrecht (the Main Garden project) now enters its executive phase. In 1987 the new greenhouses will be constructed and the collections from Cantonspark and Sandwijck will be moved to the main Garden Fort Hoofddijk, after which the locations at Baarn and De Bilt will no longer form part of the Botanic Gardens.
- The Decentralized National Plant Collection:
  The 8 Dutch University Botanic Gardens developed a plan for the realization of a national collection. Each participating Garden specializes in a number of taxa and takes responsibility for these taxa in the other Gardens. The Botanic Gardens of Utrecht are developing collections of the following groups and taxa:

-Alpinous plants (esp. Arisarum, Arisaema, Penstemon, and Trillium)
-Annonaceae
-Conifers (esp. Tsuga)
-Ferns (Polypodiaceae s.s.)
-Flora of the Neotropics: Flora of the Guianas
Gesneriaceae
Orchidaceae
Zingiberaceae
-Lactiferous plants: Euphorbia
Hoya
-Moraceae: Cecropia
Dorstenia
Ficus
-Broad-leaved hardy trees and shrubs:

Aceraceae	Betulaceae	Ericaceae
Euonymus	Laburnum	Magnolia
Oleaceae		

We are especially interested in material from natural sources of the mentioned groups and taxa. We will be much obliged if (besides the material from your seedlist) you can supply us with other species from, or draw our attention to special stocks in your collections.

Verification:
The seeds and spores in this list have been taken from verified plants and only if we were reasonably sure that cross-pollination with related species would be unlikely.

Explanation of provenance codes:

E-plant or seed directly from a known natural source;

S-indirectly from the wild, i.e. seed set in cultivation of plants from a known natural source (not necessarily F1 generation);

G-plant or seed from other Gardens of Institutions, not from wild origin;

U-provenance unknown.

Explanation of abbreviated collector-names:

CYT	Cytotaxonomy (P.E.B.)
FROMME	Fromme, W.
HAAS	Haas, P.N. de
HVDW	Werff, H. v.d.
H.-	Hennipman, E.
JCL	Lindeman, J.C.
J.CRAIG	Craig, J.
MAAS	Maas, P.J.M.
MANTON	Manton, I.
P.	Prance, G.
PRICE	Price.
ROOS	Roos, M.C.
V.HTE	Houtte, Van
WALK.T	Walker, T.
WE	Wilde, J.J.F.E de

Notes on ordering:

Correspondents are asked to use the order-form provided, and send it to the address mentioned upon it. Furthermore, they should check with their own authorities concerning import regulations and include any necessary permits with their order.

Requests reaching us before March 1987 will be handled in sequence of entry.

Viburnum tinus L. (no.32, see page 10). After W. Ingwersen, "Classic Garden Plants", 1975.

Aceraceae

1. G 00ZG00963 Acer cissifolium (Sieb. & Zucc.) K.Koch
2. G 00ZG00987 Acer ginnala Maxim. var. ginnala
3. G 00ZG00986 Acer lobelii Ten.
4. G 00ZG00968 Acer maximowiczianum Miq.
5. G 00ZG00997 Acer micranthum Sieb. & Zucc.
6. G 84RD00449 Acer nipponicum Hara
7. G 72RD00019 Acer rufinerve Sieb. & Zucc.
8. G 61RD01511 Acer tegmentosum Maxim.

Agavaceae

9. G 72GR00113 Cordyline fruticosa (L.) A.Chev.

Amaranthaceae

10. G 68GR01450 Aerva scandens (Roxb.) Wall. f. sanguinea Standl.
11. E 74GR00319 Pleuropetalum darwinii J.D.Hook. [HVDW 178] Coll.: Galapagos Isl., 1974.

Annonaceae

12. G 76GR00015 Artabotrys hexapetalus (L.f.) Bhandari

Aquifoliaceae

13. G 61RD00653 Ilex pedunculosa Miq.

Araceae

14. G 74GR00662 Aglaonema commutatum Schott var. commutatum

15. S 77GR00123 Anthurium amnicola Dressl.
[MAAS 2724] Coll.: Panama, 1977.

Aristolochiaceae

16. G 71GR00115 Aristolochia fimbriata Cham.

Bromeliaceae

17. G 78GR00286 Aechmea bracteata (Sw.) Griseb.
18. G 78GR00349 Aechmea lueddemanniana (K.Koch) Mez
19. G 72GR00252 Catopsis hahnii Bak.
20. G 78GR00317 Guzmania donnellsmithii Mez ex J.D.Sm.
21. G 73GR00084 Guzmania sanguinea (Andre) Andre ex Mez var. brevipedicellata Gilmartin
22. G 68GR00782 Pitcairnia maidifolia (C.Morr.) Decne. ex Planch.
23. G 71GR00065 Pitcairnia paniculata (Ruiz & Pav.) Ruiz & Pav.
24. G 67GR00077 Pitcairnia xanthocalyx Mart.
25. G 78GR00323 Vriesea saundersii (Carr.) E.Morr. ex Mez

Campanulaceae

26. G 69BL00079 Edraianthus tenuifolius (Waldst. & Kit.) A.DC.
27. E 83BL00283 Edraianthus tenuifolius (Waldst. & Kit.) A.DC. Coll.: Europ. Alps,1982
28. E 83BL00156 Physoplexis comosa (L.) Schur Coll.: Italy, Brenta, alt.: 1700m., 1982.
29. G 78GR00247 Pratia nummularia (Lam.) A.Br. & Aschers.

Cannaceae

30. E 80GR00287 Canna tuerckheimii Kraenzl. [MAAS 4796] Coll.: Ecuador, near Alluriquin, alt.: 850m., 1980.

Caprifoliaceae

31. S 64BL00067 Triosteum erythrocarpum H.Sm. Coll.: China, Sichuan Prov., Taofu Distr., alt.: 3400m., 1964.

32. G 76GR00087 Viburnum tinus L.

Caryophyllaceae

33. G 83BL00090 Dianthus knappii (Pant.) Aschers. & Kanitz ex Borb.

Clethraceae

34. G 62RD00340 Clethra alnifolia L.

Clusiaceae

35. G 68GR01043 Garcinia xanthochymus J.D.Hook. ex T.Anders.

Commelinaceae

36. E 81GR00165 Campelia zanonia (L.) H.B.K. [MAAS 5630] Coll.: Guyana, Mt. Warimatepu, alt.: 750m., 1982.

Cornaceae

37. G 75GR00285 Corokia x virgata Turrill

Cruciferae

38. G 68GR01109 Arabis blepharophylla W.J.Hook. & Arn.

Ericaceae

39. G 00ZG00962 Enkianthus campanulatus (Miq.) Nichols.
40. G 00ZG00184 Enkianthus cernuus (Sieb. & Zucc.) Mak. var. rubens (Maxim) Mak.
41. G 00ZG00034 Kalmia angustifolia L.
42. G 00ZG00883 Leucothoe walteri (Willd.) Melvin
43. G 00ZG00037 Pieris floribunda (Pursh ex Sims) Benth. & J.D.Hook.
44. G 00ZG00036 Pieris japonica (Thunb.) D.Don ex G.Don
45. G 00ZG00097 Rhododendron canadense (L.) Torr.
46. G 00ZG01148 Zenobia pulverulenta (Bartr. ex Willd.) C.Pollard

Euphorbiaceae

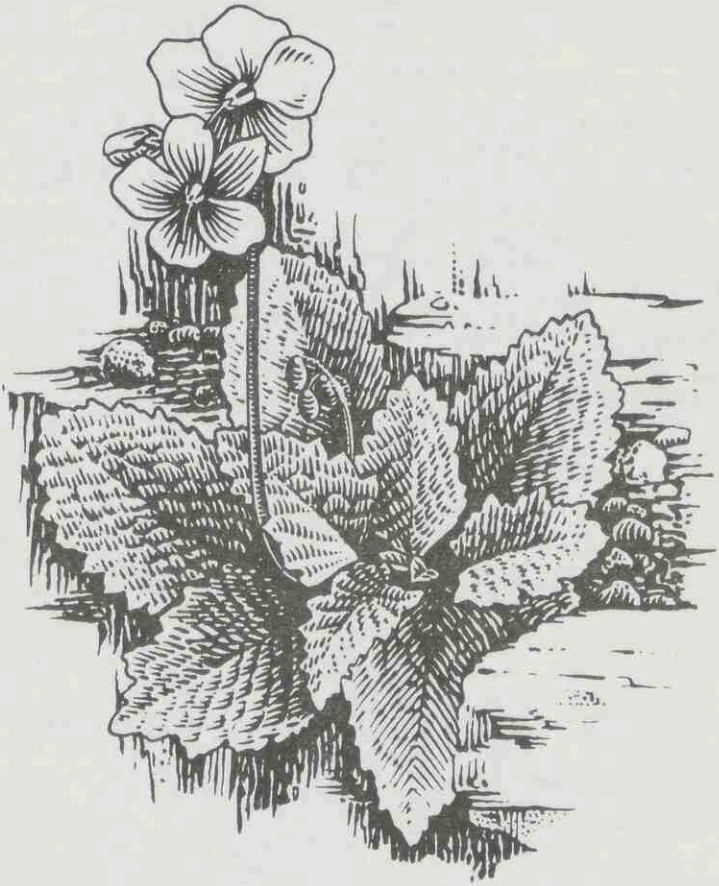
47. G 78GR00256 Phyllanthus grandifolius L.

Fagaceae

48. G 64RD00311 Nothofagus antarctica (G.Forst.) Oerst.

Flacourtiaceae

49. E 67GR00184 Banara tomentosa Clos [JCL 4276] Coll.: Brazil, 1967.



Ramonda myconi (L.) Rchb. (no.53, see page 13).
After W. Ingwersen, "Classic Garden Plants", 1975.

Geraniaceae

50. S 82BL00145 Geranium cataractarum Coss. Coll.: Spain, near source river Guadal-Quivir., by Dr.R.C. Barneby (see Ind. Cambridge p.7,1981) 1967.
51. G 81BL00145 Geranium wallichianum D.Don

Gesneriaceae

52. G 69GR00175 Columnea sanguinea (Pers.) Hanst.
53. G 65BL00453 Ramonda myconi (L.) Rchb.

Hippocrateaceae

54. E 68GR00922 Salacia uregaensis R.Wilczek var. aurantiaca N.Halle [WE 18] Coll.: trop. W.-Africa, 1961.

Iridaceae

55. G 68GR01457 Diates iridioides (L.) Sweet ex Klatt
56. G 77BL00409 Iris magnifica Vved.

Labiatae

57. G 76GR00581 Phlomis fruticosa L.

Liliaceae

58. G 73GR00012 Littonia modesta J.D.Hook.
59. G 65BL00271 Veratrum nigrum L.

Lythraceae

60. G 68GR00023 Ammannia coccinea Rottb.

Magnoliaceae

61. G 00ZG00099 Liriodendron tulipifera L.
62. G 00ZG01142 Magnolia hypoleuca Sieb. & Zucc.
63. G 70RD00002 Magnolia kobus DC. var. kobus
64. G 65RD00047 Magnolia tripetala (L.) L.
65. G 00ZG01144 Magnolia virginiana L.

Malvaceae

66. G 68GR00006 Abelmoschus manihot (L.) Medik.
67. G 68GR00027 Abutilon indicum (L.) Sweet
68. G 69GR00169 Gossypium arboreum L.
69. S 69GR00166 Hibiscus lavateroides Moric.
    Coll.: Jamaica, 1963.
70. S 72GR00049 Hibiscus sabdariffa L. [P. 13858]
    Coll.: Brazil, 1972.
71. S 66GR01561 Sida rhombifolia L. [JCL s.n.]
    Coll.: Brazil, 1966.
72. S 67GR00342 Urena lobata L. [HAAS s.n.]
    Coll.: Brazil, 1967.

Meliaceae

73. E 75GR00127 Melia sempervirens Sw. [FROMME 9]
    Coll.: Philippines, 1973.

Nyssaceae

74. G 00ZG02292 Davidia involucrata Baill. var.
    vilmoriniana (Dode) Wanger.

Orobanchaceae

75. G 68GR01529 Aeginetia indica Roxb.

Palmae

76. G 71GR00161 Chamaedorea elegans Mart.

Papaveraceae

77. G 64BL00209 Meconopsis betonicifolia Franch.

Papilionaceae

78. G 68GR01540 Kennedia rubicunda (Schneev.) Vent.

Passifloraceae

79. G 71GR00052 Passiflora gracilis Jacq. ex Link

Phytolaccaceae

80. S 71GR00143 Phytolacca icosandra L. Colombia, 1970.
81. G 68GR00888 Rivina humilis L. var. humilis

Pinaceae

82. G 00ZG00919 Pseudolarix kaempferi (Lamb.) Gord.

Plumbaginaceae

83. S 77BL00178 Armeria girardii (Bernis) Litard. Coll.: France, Herault, Les Rives, alt.: 800m., 1976.

84. S 73BL00153 Limonium transwallianum (Pugsley) Pugsley Coll.: Ireland, 1972.

Polypodiaceae

85. S 81GR00125 Aglaomorpha heraclea (Kunze) Copel. [PRICE 1526] Coll.: Philippines, Luzon, Quezon, Real, Llavac, 1971.
86. S 81GR00126 Aglaomorpha meyeniana Schott [PRICE 1513] Coll.: Philippines, Luzon, Quezon, Real, Llavac, 1971.
87. S 83GR00481 Aglaomorpha novoguineensis (Brause) C.Chr. [ROOS 8385] Coll.: Papua New Guinea, near Gumi, alt.: 1200m., 1983.
88. G 83GR00570 Aglaomorpha pilosa (J.Sm.) Copel.
89. G 82GR00168 Campyloneurum angustifolium (Sw.) Fee
90. G 82GR00268 Campyloneurum phyllitidis (L.) K.B.Presl
91. S 81GR00115 Drynaria bonii Christ [J.CRAIG] Coll.: Malaya, 1979.
92. S 81GR00131 Drynaria quercifolia (L.) J.Sm. [MANTONP158] Coll.: Sri Lanka,1950.
93. S 82GR00182 Goniophlebium dissimile (L.) inad. [WALK.T4566] Coll.: Jamaica.
94. U 82GR00159 Microsorum linguaeforme (Mett.) Copel.
95. G 82GR00130 Microsorum longissimum (J.Sm.) Fee
96. S 83GR00480 Microsorum sibomense (Ros.) Copel. [ROOS 8381] Coll.: Papua New Guinea, Mt. Susa, 1983.
97. U 82GR00280 Paragramma longifolia T.Moore
98. G 82GR00286 Phymatosorus commutatus (Bl.) Pichi-Serm.
99. S 82GR00281 Phymatosorus nigrescens (Bl.) Pichi-Serm. [H.-6358] Coll.: Melaka, 1981.
100. G 82GR00181 Platycerium bifurcatum (Cav.) C.Chr. ssp. veitchii (Underw.) Hennipm. & Roos [AFS 2219]

Pseudolarix kaempferi (Lamb.) Gord. (no.82, see page 15). After L. Beissner, "Handbuch der Nadelgeholze", 1909.

101. G 82GR00162 Platycerium wandae Racib.
102. S 82GR00253 Pleopeltis lanceolata (L.) Kaulf. var. lanceolata Coll.: Peru, 1981.
103. G 82GR00254 Pyrrosia lanceolata (L.) Farw.
104. S 82GR00138 Schellolepis persicifolia (Desv.) Pichi-Serm. [H.-s.n.] Coll.: Java, Cibodas, IPNA, 1979.
105. S 81GR00090 Selliguea feei Bory [V.HTE s.n.] Of unknown origin.

Portulacaceae

106. G 68GR01533 Talinum paniculatum (Jacq.) Gaertn.

Primulaceae

107. G 69BL00037 Androsace albana Stev.

Punicaceae

108. G 77GR00019 Punica granatum L.

Ranunculaceae

109. G 64BL00227 Semiaquilegia ecalcarata (Maxim.) Sprague & Hutchins.

Rosaceae

110. G 71RD00025 Holodiscus discolor (Pursh) Maxim. var. discolor
111. G 00ZG02302 Photinia villosa (Thunb.) DC. var. villosa
112. G 71RD00024 Spiraea japonica L.f. var. fortunei (Planch.) Rehd.

Rubiaceae

113. G 75GR00170 Coccocypselum hirsutum Bartl. ex DC.
114. G 68GR00130 Ophiorrhiza mungos L.
115. G 55ZE00796 Sherardia arvensis L.

Rutaceae

116. G 72RD00278 Zanthoxylum simulans Hance

Saxifragaceae

117. G 81BL00136 Astilbe simplicifolia Mak.
118. S 78BL00473 Saxifraga fernandi-coburgii Kellerer & Suenderm. [CYT 20379] Coll.: Greece, Gamila Mts., near Prissochori, alt.: 1600m., 1976.
119. S 81BL00238 Saxifraga sempervivum K.Koch [CYT 24903] Coll.: Bulgaria, Rhodope Mts., alt.: 1050m., 1979.

Scrophulariaceae

120. G 68GR00011 Asarina barclaiana (Lindl.) Pennell
121. G 70GR00079 Torenia fournieri J.J.Lind.

Solanaceae

122. G 68GR00042 Browallia viscosa H.B.K.
123. E 66GR01770 Cestrum calycinum Willd. [JCL 1738] Coll.: Brazil, 1966.

Styracaceae

124. G 74RD00472 Pterostyrax hispida Sieb. & Zucc.

125. G 00ZG01006 Styrax japonica Sieb. & Zucc.
126. G 00ZG00964 Styrax obassia Sieb. & Zucc.

Symplocaceae

127. G 00ZG00909 Symplocos paniculata (Thunb.) Miq.

Taxodiaceae

128. G 00ZG02154 Cunninghamia lanceolata (Lamb.) W.J.Hook.
129. G 00ZG01861 Sciadopitys verticillata (Thunb.) Sieb. & Zucc.

Tiliaceae

130. S 66GR01775 Corchorus argutus H.B.K. var. prismatocarpa K.Schum. [JCL 1683] Coll.: Brazil, 1966.

Verbenaceae

131. G 76GR00299 Clerodendrum speciosissimum Van Geert
132. S 74GR00341 Stachytarpheta jamaicensis (L.) Vahl [FROMME 33] Coll.: Philippines, 1973.

Zingiberaceae

133. G 68GR00234 Brachychilum horsfieldii (R.Br. ex Wall.) O.G.Peters.
134. G 79GR00023 Costus dubius (Afzel.) K.Schum.
135. G 68GR00016 Globba schomburgkii J.D.Hook. (Bulbils, !)

Please return this list, not the catalogue with the numbers you wish to receive duly marked to:

University Botanic Gardens
P.O. Box 80.162
3508 TD Utrecht
The Netherlands
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