Index seminum atque sporarum anno ... collectorum

INDEX SEMINUM ATQUE SPORARUM

No. 28 1984

BOTANISCHE TUINEN
RIJKS UNIVERSITEIT
UTRECHT • NEDERLAND

Attention: Change of Address

B O T A N I C A L G A R D E N S
O F T H E S T A T E U N I V E R S I T Y
O F U T R E C H T

The Netherlands

INDEX SEMINUM ATQUE SPORARUM no. 28 - 1984

With the presentation of our Index Seminum 1984 we take the opportunity to give you some further information on the Botanic Gardens of Utrecht University.

We have to report that the concentration of the gardens in the new university center "De Uithof" has still to be carried out. For more detailed information on our gardens the reader is referred to the "International Directory of Botanical Gardens IV" (1983). Moving our office to the new address is the first step towards this concentration.

The specialization program carried out by the Dutch university botanic gardens is in progress in most of the gardens now. Our gardens are developing collections of the following groups and taxa: Alpines, ferns (Polypodiaceae), Flora of the Neotropics, Annonaceae, Moraceae, Zingiberaceae, conifers, Aceraceae, Betulaceae, Ericaceae, Oleaceae, Euonymus, Laburnum and Magnolia.

At this moment most of our attention is given to the Annonaceae, Polypodiaceae, Cecropia, Dorstenia, Ficus, Flora of the Guianas, Acer, Betula, Euonymus, Laburnum and Syringa.

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 seed-catalogue) you can supply us with other species or call our attention to special stocks in your collections.

From 1983 our data base is operational. In the course of the next year we expect to publish the first edition of the catalogue of our special collections (see above). 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. As a result of bad weather conditions during last season, many plants produced little or no seeds. Therefore this index contains a limited number of species.
Species from natural sources are marked with - ! -.

All requests for seeds and spores, duly marked on the enclosed number-list should be addressed to:

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

Request reaching us before March 1985 will be handled in sequence of entry. In the beginning of 1986 we will

dispatch later arrived requests.

SIGNUM SECUNDUM COMMENDATIO I.A.B.G.:
Sign according to the recommendation of the International Association of Botanical Gardens

SEMINA E PLANTIS CULTIS LECTA QUARUM
! ORTUS NATALIS COGNITUS EST:
Seeds of select cultivated plants of known wild origin.

Situation and climate:

52°06' N; 5°11' E
altitude: 2 m above sea level
average annual rainfall, 796 mm
mean annual max. temp. 31.8° C
mean annual min. temp. -11.5° C

Dr. P.C. de Jong Director
J. Tolsma Curator of collections.

Ginkgo biloba L. (nr. 1)

Drawing S. v.d. Molen.

GYMNOSPERMAE

GINKGOACEAE

1. 72RD00212 Ginkgo biloba L.

   Seeds from the oldest Ginkgo outside Asia. In 1938 this male tree was grafted with a female branch. It is still alive in the old Hortus Botanicus of the state University of Utrecht.

CONIFEROSPERMAE

PINACEAE

2. 00ZG01977 Picea omorika (Panc.) Purk.

TAXODIACEAE

3. 00ZG02154 Cunninghamia lanceolata (Lamb.) W.J. Hook.

ANGIOSPERMAE

MONOCOTYLEDONES

ARACEAE

4. 71BL00337 Arisaema flavum (Forsk.) Schott
5. 68GR00913 Nephthytis afzelii Schott

COMMELINACEAE

6. 72GR00380 Palisota bracteosa C.B. Clarke

PALMAE

7. 71GR00161 Chamaedorea elegans Mart.

BROMELIACEAE

8. 79GR00156 Aechmea fulgens Brongn.
var. fulgens

9. 79GR00132 Aechmea miniata (Beer) hort. ex Bak.
var. discolor (Beer) Beer ex Bak.

10. 78GR00310 Aechmea miniata (Beer) hort. ex Bak.
var. miniata

11. 72GR00252 Catopsis hahnii Bak.

12. 79GR00117 Fosterella penduliflora (C.H. Wright)
L.B. Sm.

13. 68GR00083 Pitcairnia andreana Lind.

14. 75GR00177 Pitcairnia flammea Lindl.

15. 71GR00068 Pitcairnia undulata Scheidw.

16. 76GR00129 Tillandsia anceps Lodd.

17. ! 78GR00325 Tillandsia monadelpha (E. Morr.) Bak.
Coll: Costa Rica, Turrialba, 1970

IRIDACEAE

18. 77BL00409 Iris magnifica Vved.

LILIACEAE

19. ! 78BL00074 Allium geyeri S. Wats.
var. geyeri
Coll.: U.S.A., Colorado, 1977

20. ! 70BL00163 Allium paradoxum (M.B.) G. Don
Coll.: The Netherlands (naturalized), 1967

21. 75BL00138 Arthropodium candidum Raoul
cv. 'Bronze'
(comes true from seed)

22. 60RD00760 Danae racemosa (L.) Moench

23. 73GR00012 Littonia modesta J.D. Hook.

24. 65BL00271 Veratrum nigrum L.

ZINGIBERACEAE

25. 68GR00016 Globba schomburgkii J.D. Hook.
(bulbils)

DICOTYLEDONES

ACERACEAE

26. 62RD00927 Acer crataegifolium Sieb. et Zucc.

27. 00ZG00987 Acer ginnala Maxim. var. ginnala

28. 00ZG00986 Acer lobelii Ten.

29. 00ZG00968 Acer maximowiczianum Miq.
(syn.: A. nikoense Maxim.)

Drawing G.J. Langedijk

Acer nipponicum. (nr. 30)
a,b, flowering inflorescence (x$1\frac{1}{3}$).a:♂ phase, b: ☿ phase.
c: ☿ flower (x4). d: ♂ flower (x4). e: leaf (x $\frac{4}{5}$).

30. s.n. Acer nipponicum Hara
Seeds collected from 50 year old tree in the Zuiderpark at The Hague. Rare in cultivation. The seeds may not dry out and have to be sawn immediately after receipt.

31. 72RD00019 Acer rufinerve Sieb. et Zucc.

32. 75RD00037 Acer ukurunduense Trautv. et Mey.

33. 78RD00944 Acer ukurunduense Trautv. et Mey.
Tillering shrub with bright red young shoots in winter.

AMARANTHACEAE

34. ! 74GR00319 Pleuropetalum darwinii J.D. Hook.
Coll.: Galapagos, Sta. Cruz, 1974

AQUIFOLIACEAE

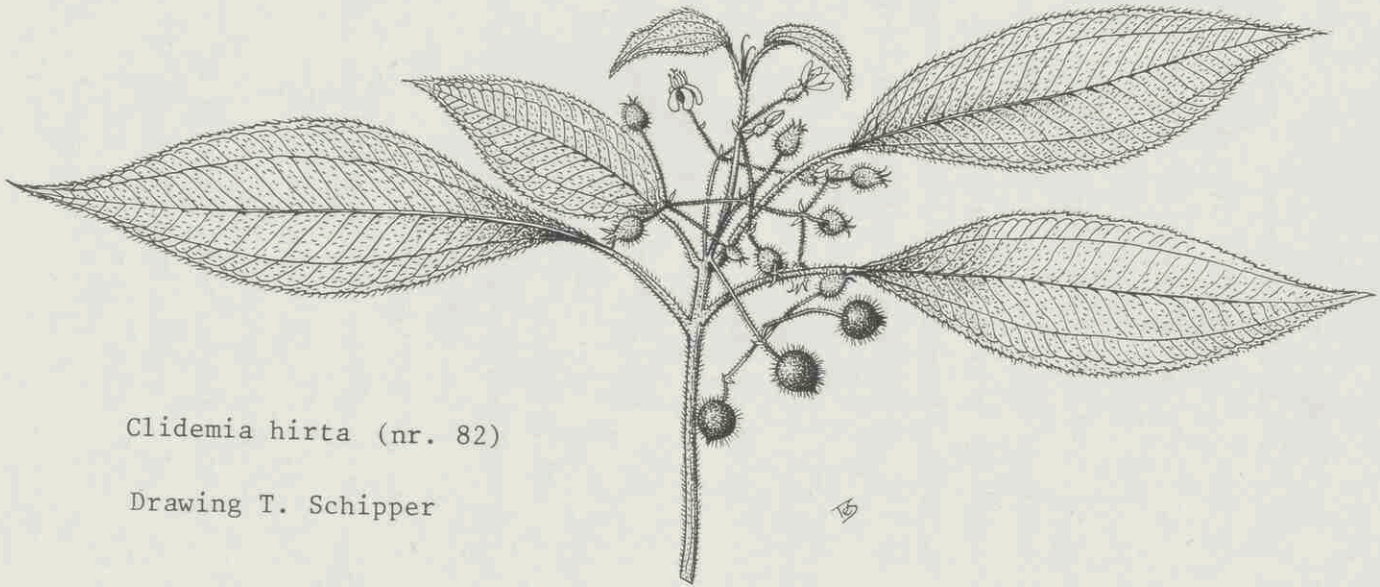
35. 61RD00653 Ilex pedunculosa Miq.

ARISTOLOCHIACEAE

36. 71GR00115 Aristolochia fimbriata Cham.

CAESALPINIACEAE

37. ! 67GR00208 Cassia occidentalis L.
Coll.: Brazil, 1967



Clidemia hirta (nr. 82)

Drawing T. Schipper

CAMPUNULACEAE

38. 69BL00079 Edraianthus tenuifolius (Waldst. et Kit.) A. DC.

39. ! 79BL00033 Campanula incurva Auch. ex A. DC.
Coll.: Greece

40. 78GR00247 Pratia nummularia (Lam.) A. Br. et Aschers.

CAPPARIDACEAE

41. 72GR00202 Steriphoma paradoxum (Jacq.) Endl.

CAPRIFOLIACEAE

42. ! 64BL00067 Triosteum erythrocarpum H. Sm.
Coll.: China, Sichuan, Taofu distr., alt. 3400 m.

CARYOPHYLLACEAE

43. 83BL00090 Dianthus knappii (Pant.) Aschers. et Kanitz ex Borb.

CELASTRACEAE

44. 73GR00486 Euonymus lucidus D. Don

CLETHRACEAE

45. 62RD00340 Clethra alnifolia L.

CLUSIACEAE

46. 68GR01043 Garcinia xanthochymus J.D. Hook. ex T. Anders.

47. ! 66GR01513 Rheedia gardnerana Planch. et Triana Coll.: Brazil, Parana, 1966

COMPOSITAE

48. 68GR00801 Mutisia speciosa Ait.

EBENACEAE

49. 71RD00068 Diospyros lotus L.

ERICACEAE

50. 00ZG00962 Enkianthus campanulatus (Miq.) Nichols.

51. 00ZG00184 Enkianthus cernuus (Sieb. et Zucc.) Mak. var. rubens (Maxim.) Mak.

52. 76RD00148 Gaultheria shallon Pursh

53. 00ZG00034 Kalmia angustifolia L.

54. 64RD00399 Kalmia angustifolia L.

55. 00ZG01222 Kalmia latifolia L.

56. 00ZG00883 Leucothoe walteri (Willd.) Melvin

57. 00ZG00037 Pieris floribunda (Pursh ex Sims) Benth. et J.D. Hook.

58. 00ZG00036 Pieris japonica (Thunb.) D. Don ex G. Don

59. 00ZG00097 Rhododendron canadense (L.) Torr.

60. 00ZG01148 Zenobia pulverulenta (Bartr. ex Willd.) C. Pollard

61. 74RD00476 Zenobia pulverulenta (Bartr. ex Willd.) C. Pollard

FAGACEAE

62. 64RD00311 Nothofagus antarctica (G. Forst.) Oerst.

GERANIACEAE

63. ! 82BL00145 Geranium cataractarum Coss.
Coll.: Spain, 1967

64. 81BL00145 Geranium wallichianum D. Don

GESNERIACEAE

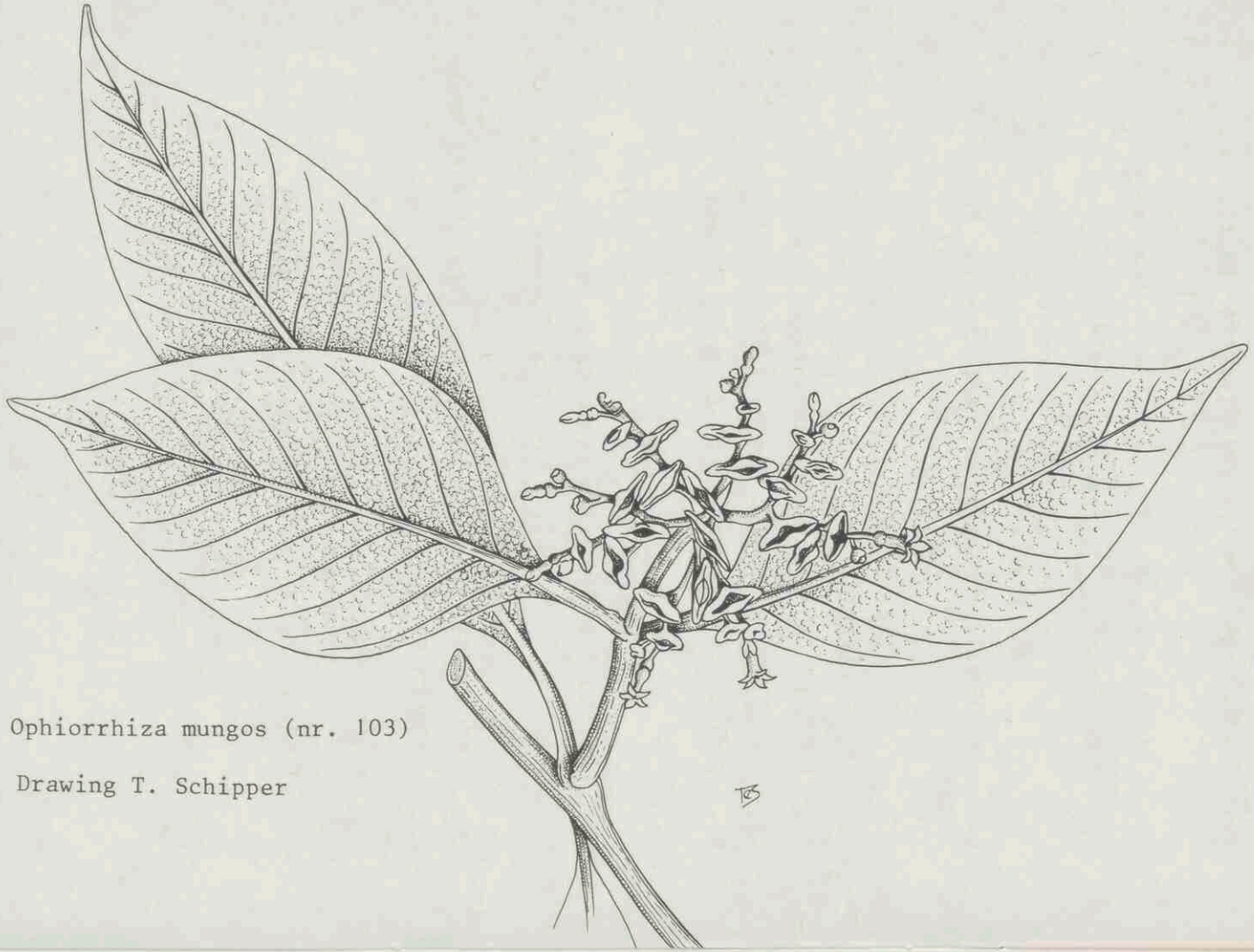
65. 81BL00241 Haberlea rhodopensis Friv.
Coll.: Bulgaria, Rhodope Mts., alt. 1050 m.

66. 69GR00253 Kohleria lindeniana (Regel) H.E. Moore

67. 65BL00453 Ramonda myconi (L.) Rchb.

HIPPOCRATEACEAE

68. ! 68GR00922 Salacia uregaensis R. Wilczek var. aurantiaca N. Hallé
Coll.: W. Trop. Africa, 1961



Ophiorrhiza mungos (nr. 103)

Drawing T. Schipper

HYDRANGEACEAE

69. 74RD00484 Hydrangea petiolaris Sieb. et Zucc.

LABIATAE

70. ! 78BL00211 Sideritis scardica Griseb.
Coll.: Greece, Mt. Olympos, 1977

MAGNOLIACEAE

71. 00ZG00099 Liriodendron tulipifera L.

72. 00ZG01142 Magnolia hypoleuca Sieb. et Zucc.

73. 70RD00002 Magnolia kobus DC.
var. kobus

74. 00ZG00209 Magnolia tripetala (L.) L.

75. 00ZG01144 Magnolia virginiana L.

MALVACEAE

76. 68GR00006 Abelmoschus manihot (L.) Medik.

77. 68GR00027 Abutilon indicum (L.) Sweet

78. 69GR00169 Gossypium arboreum L.

79. ! 69GR00166 Hibiscus lavateroides Moric.
Coll.: Jamaica, 1963

80. ! 72GR00049 Hibiscus sabdariffa L.
Coll.: Brazil, 1972

81. ! 67GR00037 Malvastrum coromandelianum (L.) Garcke
Coll.: Italy, Modena, 1953

MELASTOMATACEAE

82. 75GR00153 Clidemia hirta (L.) D. Don

MYRSINACEAE

83. 74GR00008 Ardisia solanacea Roxb.

84. 75GR00383 Ardisia crenata Sims

ONAGRACEAE

85. 68GR01556 Fuchsia procumbens R. Cunn.
ex A. Cunn.

OROBANCHACEAE

86. 68GR01529 Aeginetia indica Roxb.

PAPILIONACEAE

87. 78GR00257 Rhynchosia pyramidalis (Lam.) Urb.

PASSIFLORACEAE

88. 71GR00052 Passiflora gracilis Jacq. ex Link

PHYTOLACCACEAE

89. 69GR00291 Hilleria latifolia (Lam.) H. Walt.

90. 68GR00888 Rivina humilis L.
var. humilis

PLUMBAGINACEAE

91. ! 77BL00178 Armeria girardii (Bernis) Litard.
Coll.: France, 1976

92. ! 73BL00153 Limonium transwallianum (Pugsley) Pugsley
Coll.: Ireland, 1972

PORTULACACEAE

93. 68GR01533 Talinum paniculatum (Jacq.) Gaertn.

PRIMULACEAE

94. 69BL00037 Androsace albana Stev.

95. 66BL00226 Primula vialii Delav. ex Franch.

RANUNCULACEAE

96. 64BL00227 Semiaquilegia ecalcarata (Maxim.) Sprague et Hutchins.

ROSACEAE

97. 71RD00025 Holodiscus discolor (Pursh) Maxim. var. discolor

98. 00ZG02302 Photinia villosa (Thunb.) DC. var. villosa

99. 71RD00024 Spiraea japonica L.f. var. fortunei (Planch.) Rehd.

100. 76RD00137 Stranvaesia davidiana Decne. var. salicifolia (Hutchins.) Rehd.

RUBIACEAE

101. ! 66GR01751 Carinta repens (L.) L.B. Sm. et Downs
Coll.: Brazil, 1966

Asarina erubescens (nr. 110)

102. 71RD00098 Cephalanthus occidentalis L.

103. 68GR00130 Ophiorrhiza mungos L.

104. 76GR00075 Psychotria kirkii Hiern

105. 71ZE00819 Richardia scabra L.

106. 81ZE00334 Valantia hispida L.

RUTACEAE

107. 72RD00278 Zanthoxylum simulans Hance
So far hardy in our climate.

SAXIFRAGACEAE

108. 81BL00136 Astilbe simplicifolia Mak.

109. ! 81BL00238 Saxifraga sempervirens K. Koch
Coll.: Bulgaria, Rhodope Mts., 1979

SCROPHULARIACEAE

110. ! 74GR00494 Asarina erubescens (D. Don) Pennell
Coll.: Venezuela, Caracas, 1974

111. 68GR00129 Leucocarpus perfoliatus (W.J. Hook.) Benth.

112. 70GR00079 Torenia fournieri J.J. Lind.

SOLANACEAE

113. 68GR00042 Browallia viscosa H.B.K.

114. ! 72GR00048 Cacabus miersii (J.D. Hook.) Wettst.
Coll.: Galapagos, 1971-72

Torenia fournieri J.J.Lind. (nr. 112)

Drawing T. Schipper

STYRACACEAE

115. 74RD00418 Halesia carolina L.
var. carolina

116. 00ZG00121 Halesia carolina L.
var. mollis (Lange) Perk.

117. 00ZG01006 Styrax japonica Sieb. et Zucc.

SYMPLOCACEAE

118. 00ZG00909 Symplocos paniculata (Thunb.) Miq.

TILIACEAE

119. ! 66GR01775 Corchorus argutus H.B.K.
var. prismatocarpa K. Schum.
Coll.: Brazil, 1966

120. 68GR00022 Corchorus olitorius L.

UMBELLIFERAE

121. ! 76GR00001 Eryngium nudicaule Lam.
Coll.: Brazil, 1976

VERBENACEAE

122. 76GR00299 Clerodendrum speciosissimum Van Geert

123. ! 74GR00341 Stachytarpheta jamaicensis (L.) Vahl
Coll.: Philippines, 1973

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

University Botanic Gardens
Harvardlaan 2
P.O.Box 80.162
3508 TD UTRECHT
The Netherlands
tel.: 030 - 531826

(Your addres)

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