

Index Seminarum 2011/2012



Botanic Garden of
the Delft University
of Technology



and

Burgers' Zoo, Arnhem

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Seed collecting & cleaning:

Astrid Aarsen

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&
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Please note:

In response to continually rising expenses for printed seed lists, and in order to reduce our ecological footprint, **we have switched to electronic seed lists only, as of December 2011. As of now, no printed copies will be sent.**

Send your email address to: curators-office-botanic-garden@tudelft.nl

Deadline for ordering: April 1, 2012

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Important notes for ordering

Phytosanitary regulations:

EU: All seed can be sent to addresses in the EU.

Outside the EU: please contact your Plant Health Department to check what can be imported into your country. **Enclose an necessary import permits, and list the species that you request.**

Convention on Biological Diversity

In response to the Convention on Biological Diversity (CBD), we supply seeds and other plant material only in accordance with the Code of Conduct for Botanic Gardens.

IPEN: International Plant Exchange Network

We use the IPEN Code of Conduct with regards to seeds exchange for non-commercial use only. IPEN membership allows exchange with other IPEN-members without bi-lateral agreements. For a list of current IPEN-members check the web-site of Botanic Gardens Conservation International (BGCI) at www.bgci.org/resources/ipen.

IPEN members may order seeds either by email or by ordinary mail;

non-IPEN members can only order if the desiderata is accompanied by a signed and stamped agreement, therefore you cannot order by email.

We provide seeds to botanic gardens and arboreta only;

Further information on **Origin codes** used in the seed list

- G garden origin
- Z seeds of cultivated plants of wild origin; “indirectly from the wild”. These seeds originate from plant of wild origin within our collections, but since these seeds constitute generative propagation, the provenance code is depreciated (“devaluated”) by one level.

1. **Global seed list search system:**

By including an agreed code word in your electronic seed list and putting it on your website, you join the global seed list search. The agreed code word for this 2011/2012 season is **ebgconsortiumindexseminum2012**.

In this way you assist and profit from the global seed search. If you look for a particular, hard-to-find plant species, use the Global seed list search system.

More information on how the system works is available at: www.plantnetwork.org/ebg/ (courtesy Matthew Jebb, Glasnevin, Ireland).

2. Explanation of the structure of the IPEN numbers used:

The IPEN number consists of 4 parts, e.g. IPEN XX-0-DELF-954000070:

- ▶ XX: XX is used seeds of plants of non-wild origin. In case of wild collected plants, or plants of known wild origin, the 2-character country code is used (ISO 2-alpha, see <http://www.unc.edu/~rowlett/units/codes/country.htm>, e.g. NL for Netherlands.
- ▶ 0 (or 1): if restrictions apply: “0”=NO, “1”=YES.
- ▶ acronym for Delft (see www.bgci.org/garden_search.php)
- ▶ accession number in Delft (for more information)

Angiosperm Phylogeny Group

(<http://www.mobot.org/MOBOT/Research/APweb/welcome.html>)

We aim to implement APG-III for our nomenclature. This process is ongoing. This means that you may encounter inconsistencies in the family names used. We aim to be fully APG-3 compliant next year.

Specialisations:

We specialise in the following plant groups:

Cannaceae	Heliconiaceae	Myristicaceae	Thymelaeaceae
Cercidiphyllaceae	Lavandula	Platanaceae	Zingiberaceae
Costaceae	Marantaceae	Strelitziaceae	Technical (useful) plants
Eucommiaceae	Menispermaceae	Theaceae	
Hamamelidaceae	Musaceae	Thymelaeaceae	

We welcome cooperation with other botanic gardens that also have developed specialisations in one or more of these plant groups. Please contact the Curator at l.j.w.vandenwollenberg@tudelft.nl.

**Index Seminum 2011/2012 Part 1:
Botanic Garden, Biotechnology Dept.,
Delft University of Technology**

Anthericaceae

1. G Chlorophytum hoffmanii [XX-0-DELF-1994GR02147]
2. G Chlorophytum sparsiflorum [XX-0-DELF-1989GR02118]
3. G Chlorophytum stenopetalum [XX-0-DELF-1993GR02093]

Apiaceae

4. G Eryngium planum [XX-0-DELF-2003V21016]

Apocynaceae

5. G Catharanthus trichophyllus [XX-0-DELF-2011GR0123]
6. G Rauvolfia vomitoria [XX-0-DELF-822470004]

Araceae

7. G Anthurium tetragonum [XX-0-DELF-712300030]
8. G Colocasia antiquorum [XX-0-DELF-1974GR04041]

Asteraceae

9. G Aster alpinus [XX-0-DELF-2007-0264]
10. G Cichorium intybus [XX-0-DELF-2003V24061]

Berberidaceae

11. G Sinopodophyllum hexandrum [XX-0-DELF-1986V12036]

Bixaceae

12. Z Bixa orellana [SR-0-DELF-2004GR02004]
Suriname, Para north

Brassicaceae

13. Z *Camelina sativa* [AT-0-DELF-2010AB0294]
Austria , Niederösterreich, Hainburg Alt.: 340 m. 2008

Buxaceae

14. G *Sarcococca confusa* [XX-0-DELF-1979V08009]
15. G *Sarcococca hookeriana* [XX-0-DELF-1960V08005]
16. G *Sarcococca hookeriana* var. *humilis* [XX-0-DELF-1965V08004]

Cannaceae

17. G *Canna flaccida* [XX-0-DELF-198GR03018]
18. G *Canna tuerckheimii* [EC-0-U-198GR00287]
(Originally: Ecuador , Ecuador , Alluriquin area, between Sto. Domingo de los Colorados and Quito, Alt.: 850 m. Coll.: 4796 10/1980)

Caprifoliaceae

19. G *Diervilla coraeensis* [XX-0-DELF-1977V04036]

Caryophyllaceae

20. G *Dianthus caryophyllus* [XX-0-DELF-2004V22005]
21. G *Silene behen* [XX-0-DELF-1997V23040]

Celastraceae

22. G *Euonymus oxyphyllus* [XX-0-DELF-2003V29013]

Commelinaceae

23. G *Palisota albertii* [XX-0-DELF-197904005]
24. G *Palisota barteri* [XX-0-DELF-2004GR04007]
25. G *Palisota bracteosa* [XX-0-DELF-1978GR01001]
26. G *Palisota mannii* [XX-0-DELF-003300004]

Cupressaceae

27. G *Libocedrus decurrens* [XX-0-DELF-2005V30136]

Cyperaceae

28. G *Cyperus articulatus* [XX-0-DELF-1995GR00001]

Dioscoreaceae

29. G *Dioscorea balcanica* [XX-0-DELF-924300002]

Euphorbiaceae

30. G *Acalypha hispida* [XX-0-DELF-861470031]

Fabaceae

31. G *Abrus precatorius* [XX-0-DELF-1997GR01085]
32. G *Cytisus scoparius* [XX-0-DELF-2004V22128]
33. G *Lysiloma watsonii* [XX-0-DELF-1994KPS127]
34. G *Rhynchosia caribaea* [XX-0-DELF-2GR02170]

Hamamelidaceae

35. G *Corylopsis sinensis* [XX-0-DELF-1980V07010]
36. G *Corylopsis veitchiana* [XX-0-DELF-1981V07014]
37. G *Distylium racemosum* [XX-0-DELF-2003V14110]
38. G *Hamamelis japonica* var. *arborea* [XX-0-DELF-1989V07076]
39. G *Hamamelis japonica* var. *flavo-purpurascens* [IPEN XX-0-DELF-1980V07028]

Iridaceae

40. G *Iris germanica* [XX-0-DELF-1985V23006]

Juglandaceae

41. G *Carya cordiformis* [XX-0-DELF-006000008]
42. G *Juglans australis* [XX-0-DELF-956000011]
43. G *Juglans cinerea* [XX-0-DELF-1955V09005]

Lamiaceae

44. G *Lavandula angustifolia* [XX-0-DELF-2001V02136]
45. G *Lavandula virginica* [XX-0-DELF-2003V02164]
46. G *Pogostemon cablin* [XX-0-DELF-2007GR0318]

47. G *Scutellaria javanensis* [XX-0-DELF-952540019]

Liliaceae

48. G *Camassia cusickii* [XX-0-DELF-2008-0370]

Malvaceae

49. G *Abelmoschus esculentus* [XX-0-DELF-2011GRAB0304]
 50. G *Corchorus olitorius* [XX-0-DELF-201GRAB0220]
 51. G *Gossypium arboreum* [XX-0-DELF-2007GR0799]
 52. G *Gossypium barbadense* [XX-0-DELF-2005GR02050]
 53. G *Gossypium palmerii* [XX-0-DELF-2005GR02057]

 54. G *Gossypium raimondii* [XX-0-DELF-2004GR02032]
 55. G *Hibiscus domingensis* [XX-0-DELF-1984GR01012]
 56. G *Hibiscus ludwigii* [XX-0-DELF-2006GR06071]
 57. Z *Melochia corchorifolia* [XX-0-DELF-2011GR0185]
 Macau.
 58. G *Pavonia spinifex* [XX-0-DELF-041750039]
 59. G *Sparrmannia africana* [XX-0-DELF-1994KPS002]

Musaceae

60. G *Musa velutina* [XX-0-DELF-2009GR0180]

Myrsinaceae

61. G *Ardisia crenata* [XX-0-DELF-199803001]

Myrtaceae

62. G *Callistemon rigidus* [XX-0-DELF-872220028]
 63. G *Callistemon viminalis* [XX-0-DELF-012220052]
 64. G *Eugenia paniculata* [XX-0-DELF-2003GR01063]
 65. G *Eugenia uniflora* [XX-0-DELF-2004GR0369]

Oleaceae

66. G *Jasminum fruticans* [XX-0-DELF-1960V08008]

Oxalidaceae

67. G *Averrhoa bilimbi* [XX-0-DELF-921300014]

Paeoniaceae

68. G *Paeonia lutea* [XX-0-DELF-1994V06004]
69. G *Paeonia suffruticosa* [XX-0-DELF-2002V12012]

Passifloraceae

70. G *Passiflora suberosa* [XX-0-DELF-002030003]

Phyllanthaceae

71. G *Phyllanthus acidus* [XX-0-DELF-931470087]

Pittosporaceae

72. G *Pittosporum crassifolium* [XX-0-DELF-1982KPS005]

Poaceae

73. G *Festuca alpina* [XX-0-DELF-1994V12031]
74. G *Stipa tenacissima* [XX-0-DELF-2006V12038]

Primulaceae

75. G *Primula veris* subsp. *columnae* [XX-0-DELF-912370009]

Ranunculaceae

76. G *Aquilegia canadensis* [XX-0-DELF-2004V12083]
77. G *Aquilegia pyrenaica* subsp. *discolor* [XX-0-DELF-2007-0146]

Rhamnaceae

78. G *Rhamnus tinctorius* [XX-0-DELF-561690006]

Rosaceae

79. G *Prunus mahaleb* var. *chrysoarpa* [XX-0-DELF-2000V17150]
80. G *Rhaphiolepis umbellata* [XX-0-DELF-001260003]

81. G *Rosa rubiginosa* [XX-0-DELF-001260089]
82. G *Rosa villosa* [XX-0-DELF-1972V06006]

Rubiaceae

83. G *Chiococca alba* [XX-0-DELF-1996GR02066]
84. G *Hamelia patens* [XX-0-DELF-2007GR0202]
85. G *Psychotria maingayi* [XX-0-DELF-1971GR01016]

Rutaceae

86. G *Murraya exotica* [XX-0-DELF-1992GR03002]

Sapotaceae

87. G *Synsepalum dulcificum* [XX-0-DELF-2001GR03002]

Solanaceae

88. G *Cestrum parqui* [XX-0-DELF-802560022]
89. G *Mandragora officinarum* [XX-0-DELF-1973V23001]

Taxodiaceae

90. Z *Metasequoia glyptostroboides* [CN-0-DELF-1947V14044]
China, Sichuan, Wanxian Co., Shui-Hsa-Pa Valley, Modaoqi Village, coll. 1947

Thymelaeaceae

91. G *Daphne tangutica* [XX-0-DELF-2004V12003]

Turneraceae

92. G *Turnera diffusa* [XX-0-DELF-2011GR0034]

Typhaceae

93. G *Typha domingensis* [XX-0-DELF-208000004]

Velloziaceae

94. G *Talbotia elegans* [XX-0-DELF-2008-0572]

Verbenaceae

95. G *Phyla scaberrima* [XX-0-DELF-2007GR0463]
96. G *Petrea volubilis* [XX-0-DELF-2003GR06020]

Xanthorrhoeaceae

97. G *Gasteria nigricans* [XX-0-DELF-003800138]
98. G *Gasteria pseudonigricans* [XX-0-DELF-003800090]
99. G *Gasteria pulchra* [XX-0-DELF-003800091]
100. G *Gasteria carinata* var. *verrucosa* [XX-0-DELF-003800181]

Zingiberaceae

101. G *Alpinia zerumbet* [XX-0-DELF-1995GR02097]
102. G *Hedychium forrestii* [XX-0-DELF-1982GR05483]
103. G *Hedychium spicatum* [XX-0-DELF-1982KPS376]

Index Seminum 2011/2012 Part 2: Burgers' Bush & Zoo

Amaranthaceae

111. G *Pleuropetalum darwinii* [XX-0-BURDI-1986-1202-001]

Annonaceae

112. G *Annona cherimola* [XX-0-BURDI-1998-0923014]
113. G *Annona montana* [XX-0-BURDI-1998-0515001]
114. G *Cymbopetalum brasiliense* [XX-0-BURDI-1999-0320011]

Arecaceae

115. G *Elaeis guineensis* [XX-0-BURDI-2011-0524001]

Asparagaceae

116. G *Agave stricta* [XX-0-BURDI-2011-BZOO-0001]

Cannaceae

117. G *Canna tuerckheimii* [XX-0-BURDI-2008-0614025]

Caricaceae

118. G *Vasconcellea spec.* [XX-0-BURDI-2010-0710003]

Costaceae

119. G *Costus pulverulentus* [XX-0-BURDI-2007-0316001]

Euphorbiaceae

120. G *Croton sylvaticus* [XX-0-BURDI-2006-0421005]

Haemodoraceae

121. G *Schiekia orinocensis* subsp. *silvestris* [XX-0-BURDI-2005-0929019]
(Originally: French Guiana , Trail to Bagne de Annamites, along whitesand covered forresttrail. Coll.: 27/08/2005)

Heliconiaceae

122. G *Heliconia dielsiana* [XX-0-BZOO-20051107007]

Malvaceae

123. G *Pavonia sepium* [XX-0-BURDI-MALVA018]
124. G *Sida rhombifolia* [XX-0-BURDI-2006-0617016]
125. G *Theobroma cacao* [XX-0-BURDI-STER011]

Melastomataceae

126. G *Gravesia guttata* [XX-0-BURDI-2006-0914003]

Passifloraceae

127. G *Passiflora morifolia* [XX-0-BURDI-1998-0826010]

Phyllanthaceae

128. G *Phyllanthus juglandifolius* [XX-0-BURDI-1987-0721438]

Rubiaceae

129. G *Psilanthus mannii* [XX-0-BURDI-1990-1203011]

Thymelaeaceae

130. G *Phaleria octandra* [XX-0-BURDI-1992-0929002]

Zingiberaceae

131. G *Aframomum chrysanthemum* [XX-0-BZOO-2002-0207004]
132. G *Alpinia nutans* [XX-0-BURDI-ZINGI016C]
133. G *Hedychium cylindricum* [XX-0-BURDI-2001-0727004]