

Index Seminum

Anno 2015



UNIVERSITEIT GENT

Photo cover: Hypericum androsaemum, Chantal Dugardin

Hortus Botanicus Universitatis Gandavensis

Ghent University Botanical Garden

Geographical location of the garden

Latitude: 51° 02' N Longitude: 3° 43.5' E

Elevation: c. 10 m above sea level

Area 2.75 ha, with 4000 m² greenhouses

Founded in 1797, in its present position since 1902

Rainfall (average per year): 673.3 mm

Rainfall (mm average per month):

J	F	M	A	M	J	J	A	S	O	N	D
56.7	43.0	36.4	44.0	47.2	54.5	68.8	67.0	62.1	67.5	71.3	54.8

Temperature (average per month in °C):

J	F	M	A	M	J	J	A	S	O	N	D
3.0	3.3	6.6	9.6	13.7	16.5	18.5	18.2	15.7	11.1	6.4	3.7

Absolute minimum: -18.2 °C (1929)

Great efforts are made to check the identity of the plants grown in our botanical garden. However, we are aware that a certain amount of errors cannot be avoided. Your comments on the naming of the diaspores received from this garden are gratefully appreciated.

All collected seed is the result of open pollination and neither purity nor germination is guaranteed.

Explanation of the codes

All the seeds are harvested in the botanical garden. For seeds collected from plants of known wild origin, the donor (between brackets) and origin are mentioned.

Plant provenance code:

The plants from which we collected seeds are:

W= of known wild origin

Z= descendants of plants of known wild origin in cultivation

G= of garden origin

U= of unknown origin

IPEN-number

The IPEN-number consists of four elements:

1. ISO-code of the country of origin (two positions, XX means ‘country of origin unknown’)
2. One position which refers to restrictions of transfer that exist (1) or not (0)
3. Our garden code (GENT)
4. Accession number in our garden. The first four digits indicate the year of registration (1900 = unknown year of accession). The last four digits are a sequence number within the year of accession.

e.g. VE0GENT19781147

This plant material entered the garden in 1978 as accession no. 1147. It originated from Venezuela. There are no restrictions of transfer.

This Index Seminum can be searched through the global seed search system:
ebgconsortiumindexseminum2015

SPERMATOPHYTES

- Acanthaceae**
1. *Strobilanthes atropurpurea* Nees G XX-0-GENT-20020604
(Woking)
- Agavaceae**
2. *Anthericum ramosum* L. W FR-0-GENT-19971474
(De Witte) France
3. *Paradisea liliastrum* (L.) Bertoloni G XX-0-GENT-19971539
(Meise)
- Alliaceae**
4. *Allium ramosum* L. W RU-0-GENT-19752662
(Jakutsk) Russian Federation, Jakutsk
5. *Allium tuberosum* Rottler W NP-0-GENT-19761820
ex Sprengel
(Kew) Nepal
- Apiaceae**
6. *Eryngium paniculatum* Cavanilles Z CL-0-BONN-33093
& Dombey ex F. Delaroche
(Bonn) Chile, VII Region, Reserva Nacional Altos del Lircay, 400 - 1550 m
7. *Eryngium planum* L. W UA-0-GENT-20061038
(Graz) Ukraine, Tiszatal near Nove Selo
8. *Kundmannia sicula* (L.) de Candolle G XX-0-GENT-20140954
(Barcelona)
9. *Myrrhis odorata* (L.) Scopoli G XX-0-GENT-19831943
(Rennes)
10. *Oenanthe pimpinelloides* L. W IT-0-GENT-19772117
(Ventimiglia) Italy, Valle dei Molinazzi, 150 m
11. *Sanicula europaea* L. G XX-0-GENT-19901507
(Meise)
12. *Sium sisarum* L. G XX-0-GENT-19831872
(Frankfurt am Main)

Apocynaceae

13. *Amsonia illustris* Woodson G XX-0-GENT-20070187
(London)
14. *Amsonia salicifolia* Pursh G XX-0-GENT-20060255
(Chungchong Namdo)

Araceae

15. *Arisaema tortuosum* (Wallich) G XX-0-GENT-20050733
Schott
(Gusman)

Asphodelaceae

16. *Asphodeline lutea* (L.) Reichenbach W IT-0-GENT-19730716
(Pisa) Italy, Madonie, Piano Zucchi, 1200 m
17. *Kniphofia caulescens* Baker W LS-1-M-2005/0461
(München) Lesotho, roadside in Bokong Nature Reserve

Asteraceae

18. *Achillea millefolium* L. W NO-0-GENT-19820272
(Oslo) Norway, Akershus, Baerum
19. *Ainsliaea species* W CN-0-GENT-20152654
(Wespelaar) China, Tianquan, Sichuan, Erlang Shan, 2189 m
20. *Centaurea jacea* L. W DE-0-GENT-19750695
(Jena) Germany, Rostock, Rügen
21. *Centaurea simplicicaulis* Boissier G xx0u-1987BL00580
& A. Huet
(Utrecht)
22. *Chrysogonum virginianum* L. G XX-0-GENT-20100677
(Essen)
23. *Eurybia macrophylla* (L.) Cassini W US-0-GENT-19960855
(North Hampton) United States, Massachusetts, Whately
24. *Eutrochium fistulosum* (Barratt) W US-0-GENT-20131382
E.E. Lamont
(Kirtland) United States, Ohio, Lake County, the Holden Arboretum, Partridge Point Field
25. *Eutrochium purpureum* (L.) W US-0-GENT-20090271
E.E. Lamont
(East Lansing) United States, Michigan, Ingham County, Legg Park Floodplain,

- 256 m
26. *Helichrysum italicum* (Roth) G. Don W IT-0-GENT-19821638
 subsp. *serotinum* (Boissier) P. Fournier
 (Ventimiglia) Italy, Capanne di Marcarolo, 720 m
27. *Onopordium illyricum* L. W IT-0-GENT-19331255
 subsp. *illyricum*
 (Palermo) Italy, Palermo, adjacent to Collesano
28. *Tanacetum cinerariifolium* G XX-0-GENT-20091101
 (Treviranus) Schultz Bipontinus
 (Cluj-Napoca)

Berberidaceae

29. *Berberis napaulensis* (de Candolle) G XX-0-GENT-20102457
 Laferrière
 (Foster)

Betulaceae

30. *Corylus americana* Walter Z US-0-BR-19792835
 (Meise) United States, Indiana, Fulton County

Brassicaceae

31. *Bunias orientalis* L. W RO-0-IAGB20121323W
 (Iasi) Romania, Iasi Botanical Garden (spontaneous)
32. *Erysimum canum* (Piller & G RO-0-DATH-6205
 Mitterpacher) Polatschek
 (Darmstadt)
33. *Isatis tinctoria* L. G XX-0-GENT-20140399
 (Praha)
34. *Lunaria rediviva* L. Z SI-0-GENT-20010051
 (Kalmthout) Slovenia, Boc Mountain
35. *Moricandia arvensis* (L.) G XX-0-GENT-20142298
 de Candolle
 (London)

Butomaceae

36. *Butomus umbellatus* L. W BE-0-GENT-19805481
 (Viane) Belgium, Lo

Campanulaceae

37. *Symphyandra cretica* A. de Candolle G XX-0-GENT-20132392
(Hantay)
38. *Symphyandra zangezura* Lipsky G XX-0-M-B/0351
(München)

Caprifoliaceae

39. *Dipelta yunnanensis* Franchet G XX-0-GENT-20010480
(Leipzig)
40. *Dipsacus asper* Wallich ex de Candolle W CN-0-GENT-20113199
(Wespelaar) China, Jiulong, Sichuan, near Qiaopengzi, 2652 m
41. *Lonicera ferdinandii* Franchet G XX-0-GENT-20031591
(Beijing)
42. *Lonicera periclymenum* L. W DE-0-GENT-19710709
(Oldenburg) Germany, Oldenburg, Sannum
43. *Lonicera sachalinensis* (F. Schmidt) Nakai W RU-0-GENT-19980838
(Sakhalinsk) Russian Federation, Sakhalin Island, Cape Lamanon
44. *Lonicera vesicaria* Komarov G XX-0-GENT-20011976
(Newcastle upon Tyne)
45. *Triosteum pinnatifidum* Maximowicz G XX-0-GENT-19970522
(Frankfurt am Main)
46. *Valeriana repens* Host W BE-0-GENT-19790936
(Van der Veken) Belgium, Zwijnaarde

Caryophyllaceae

47. *Acantophyllum microcephalum* Boissier W IR-0-GENT-20051049
(Tehran) Iran, Tehran Province, Chalus Road, Asara, Kandovan Tonel, 1900 m
48. *Cucubalus baccifer* L. G XX-0-GENT-19971527
(Goetghebeur)
49. *Dianthus knappii* (Pantocsek) Ascherson & Kanitz ex Borbás G XX-0-GENT-20031916
(Kaunas)
50. *Dianthus plumarius* L. W FR-0-GENT-19770717
(Montpellier) France, l'Hérault

51. *Dianthus pubescens* Sibthorp & Smith W TR-0-GENT-19970105
(Izmir) Turkey, Yamanlardagi-Izmir
52. *Gypsophila tenuifolia* M. Bieberstein G XX-0-GENT-20041256
(Meise)
53. *Silene* species W HR-0-GENT-20060403
(Otten) Croatia, Jablanac, from Zaviatnica Bay to coastal road
- Crassulaceae**
54. *Chiastophyllum oppositifolium* G XX-0-GENT-20091220
(Ledebour) A. Berger
(Vereecke)
55. *Sempervivum minutum* (Kunze G XX-0-GENT-19900541
ex Willkomm) Nyman ex Pau
(Dresden)
- Ephedraceae**
56. *Ephedra chilensis* C. Presl G XX-0-GENT-19920849
(Dresden)
57. *Ephedra monosperma* J.G. Gmelin G XX-0-GENT-20051201
ex C.A. Meyer
(Boskoop)
- Fabaceae**
58. *Astragalus glycyphyllos* L. W FR-0-GENT-19800354
(Besançon) France, Doubs, Saône
59. *Colutea buhsei* (Boissier) Shaparenko W IR-0-GENT-19790936
(Tehran) Iran, ca. 50 km N of Semnan, 2100 - 2700 m
60. *Genista sagittalis* L. G XX-0-GENT-19813534
(Wageningen)
61. *Glycyrrhiza glabra* L. W TJ-0-GENT-19760163
(Chorog) Tajikistan, Pamir occidentalis, 2000 m
62. *Indigofera heterantha* Wallich ex G XX-0-GENT-19804017
Brandis
(Guyancourt)
63. *Sutherlandia frutescens* (L.) R. Z ZA-0-B-3012184
Brown

- (Berlin) South Africa, Prov. Western Cape, Hout Bay, Cape Peninsula, 50 m
64. *Thermopsis lanceolata* R. Brown G XX-0-GENT-20050648
(Jena)
65. *Trifolium alpestre* L. G XX-0-GENT-19822287
(Amsterdam)

Hydrangeaceae

66. *Deutzia crenata* Siebold & Zuccarini W JP-0-GENT-19990442
(Kanagawa-ken) Japan, Hakone, Mount Myojo, 800 - 900 m
67. *Philadelphus caucasicus* Koehne G XX-0-GENT-19830585
(Uppsala)
68. *Philadelphus pekinensis* Ruprecht W CN-0-GENT-20011255
(Vacratot) China, Donling area, 120 km W of Beijing at the border of Hebei province
69. *Philadelphus satsumi* Ruprecht W KR-0-GENT-19812754
(Suweon) South-Korea, Mount Odae
70. *Philadelphus schrenkii* Ruprecht W CN-0-GENT-19980492
(Lisle) China, Jilin Province, Changbai mountains

Iridaceae

71. *Libertia sessiliflora* (Poeppig) W CL-0-GENT-20010422
Skottsberg
(Dresden) Chile, VII Region, West of Talca, South of Curanipe, Tregualemu
72. *Sisyrinchium patagonicum* Philippi G XX-0-GENT-19940043
ex Baker
(Dresden)

Juncaceae

73. *Luzula luzuloides* (Lamarck) Dandy W DE-0-GENT-19800627
& Wilmott
(Berlin) Germany, Hessen, 300 m
74. *Luzula nivea* de Candolle W CH-0-GENT-19740593
(Basel) Switzerland, Tessin, Mount Vairano

Lamiaceae

75. *Leonurus cardiaca* L. W CH-0-GENT-19790136
(Chambésy) Switzerland, Valais, 560 m
76. *Salvia atropatana* Bunge G XX-0-GENT-20132374
(Arad)

77. *Salvia pratensis* L. W IT-0-GENT-20061037
(Anversa degli Abruzzi) Italy, l'Aquila, Bugnara, 450 m

Laxmanniaceae

78. *Arthropodium cirrhatum* (G. Forster) G XX-0-GENT-20010698
R. Brown
(Kerkrade)

Liliaceae

79. *Lilium sargentiae* E.H. Wilson W CN-0-GENT-20000596
(Viane) China, Sichuan, north of Guan Xian, Longxi village, 800 m
80. *Trycirtis puberula* Nakai & Kitagawa Z CN-0-IB-002627
(Innsbruck) China, Taldai-Shan-Nationalpark

Loasaceae

81. *Blumenbachia hieronymi* Urban G XX-0-LZ-AN 117-1970
(Leipzig)

Lythraceae

82. *Lythrum virgatum* L. G XX-0-GENT-19800196
(London)

Magnoliaceae

83. *Magnolia sieboldii* K. Koch Z KR-0-GENT-20022183
(Wespelaar) Korea, Halla San, Chejudo, Chollipo Arboretum

Malvaceae

84. *Althaea officinalis* L. W RU-0-GENT-19792364
(Samara) Russian Federation, Samara, reg. Volgae-mediae
85. *Hermannia incana* Cavanilles G XX0GIESS0U1818
(Giessen)
86. *Kitaibelia vitifolia* Willdenow G XX-0-GENT-20141438
(Ferrara)
87. *Malva verticillata* L. G XX-0-BRAUN-7545176
(Braunschweig)

Melanthiaceae

88. *Trillium sessile* L. G XX-0-GENT-20020463
(Berlin)
89. *Veratrum oxysepalum* Turczaninow Z CN0U-1997BL01048
(Utrecht) China, South Chekiang

Onagraceae

90. *Fuchsia procumbens* A. Cunningham G XX-0-GENT-20080169
(Göttingen)

Paeoniaceae

91. *Paeonia tenuifolia* L. W RO-0-GENT-19930770
(Cluj-Napoca) Romania, District Mures, Zau de Câmpie

Papaveraceae

92. *Eschscholzia californica* Chamisso G XX-0-GENT-20040646
(Mainz)
93. *Macleaya microcarpa* (Maximowicz) W CN-0-GENT-20090879
Fedde
(Göteborg) China, Shaanxi, Taibai Shan, 980 m

Plantaginaceae

94. *Digitalis ferruginea* L. G XX-0-GENT-19980647
(Tours Cedex)
95. *Digitalis purpurea* L. G XX-0-GENT-20090971
(Zagreb)
96. *Globularia cordifolia* L. G XX-0-GENT-19860652
(Stuttgart)
97. *Globularia incanescens* Viviani G XX-0-GENT-20121818
(St. Andrews)
98. *Globularia trichosantha* Fischer & Z TR-0-IB-003601
C. A. Meyer
(Innsbruck)
99. *Plantago major* L. W FI-0-GENT-20152492
(Herman) Finland, Punkaharjoo
100. *Veronica longifolia* L. Z DE-0-MSTR-15204
(Münster) Germany, Aken, Anhalt-Zerbst

Plumbaginaceae

101. *Bukiniczia cabulica* (Boissier) Z PK-0-GENT-20111359
Linczevski
(Göteborg) Pakistan, Batura Glacier

Poaceae

102. *Ampelodesmos mauritanicus* (Poiret) W IT-0-GENT-20070356
T. Durand & Schinz
(Sienna) Italy, Grosseto, Pian di Rocca, Castiglione della Pescaia, 10 m
103. *Phaenosperma globosum* Munro G XX-0-GENT-20010322
ex Oliver
(London)

Primulaceae

104. *Dodecatheon jeffreyi* Van Houtte G XX-0-GENT-20011717
(Jena)
105. *Lysimachia lichiangensis* Forrest G XX-0-GENT-19930469
(Oslo)

Ranunculaceae

106. *Aconitum orientale* Miller Z ru0u-1981BL00206
(Utrecht) Russian Federation, Northern Caucasus Mountons, Karachai-Cherkessk,
Autonomous region, Vicinity of Karachayevsk, 1600 m
107. *Anemone rivularis* Buchanan- W CN-0-GENT-20050751
Hamilton ex de Candolle
(Praha) China, Sichuan, near Huang Long, 3296 m
108. *Aquilegia kubanica* I.M.Vassiljeva W TJ-0-GENT-20020895
(Göteborg) Tajikistan, Pamiro-Alai, Central Hissar Range, 3600 m
109. *Beesia deltophylla* C.Y. Wu ex G XX-0-GENT-20132396
P.K. Hsiao
(Rotselaar)
110. *Clematis recta* L. W UA-0-GENT-20030993
(Kyiv) Ukraine
111. *Helleborus odorus* Waldstein & W HR-0-GENT-20061558
Kitaibel ex Willdenow
(Meise) Croatia, south of Vocin
112. *Nigella damascena* L. W GR-0-GENT-20031908

- (Athens) Greece, Thessalia-Macedonia, Mt. Olimbos
 113. *Ranunculus cassubicus* L. G XX-0-GENT-19940097
 (Göttingen)

Rhamnaceae

114. *Berchemia racemosa* Siebold & Zuccarini G XX-0-GENT-20060698
 (Pruhonice)

Rosaceae

115. *Cotoneaster dielsianus* E. Pritzell G XX-0-GENT-19711017
 (Rostock)
116. *Cotoneaster obscurus* Rehder & E.H. Wilson Z CN-0-GENT-19710535
 (Uppsala) China, Sinkang Province, Kangting district, Yüling-kong, 3100 m
117. *Crataegus monogyna* Jacquin Z BE-0-GENT-20051631
 (Geraardsbergen) Belgium, Ieper, West-Vlaams Heuvelland
118. *Crataegus turkestanica* Pojarkova W KG-0-GENT-19821530
 (Koshigaya) Kyrgyzstan, Tian Shan occidentalis
119. *Filipendula palmata* (Pallas) Maximowicz W RU-0-GENT-19880345
 (Leni) Russian Federation, Primorsky Krai, Vladivostok
120. *Geum montanum* L. Z IT0U-1997BL01069
 (Utrecht) Italy, Passo di Valsecca, 2000 m
121. *Holodiscus discolor* (Pursh) Maximowicz W US-0-GENT-20012469
 (Santa Barbara) United States, California, San Luis Obispo County, Montana de Oro State Park, Coon Creek Trail
122. *Physocarpus opulifolius* (L.) Maximowicz G XX-0-GENT-19771283
 (Slepčany)
123. *Potentilla recta* L. W TM-0-GENT-19771601
 (Ashkhabad) Turkmenistan
124. *Rosa pimpinellifolia* L. W FR-0-GENT-19761011
 (Dijon) France, Côte-d'Or, Chassagne-Montrachet
125. *Rosa rugosa* Thunberg W BE-0-GENT-19813524
 (Otten) Belgium, Middelkerke

126. *Sanguisorba parviflora* G XX-0-GENT-20000213
(Maximowicz) Takeda
(Bayreuth)

Rubiaceae

127. *Psychotria maingayi* J.D. Hooker U XX-0-GENT-19003000
(Unknown)

Rutaceae

128. *Ruta chalepensis* L. G PT-0-MADJ-116-2011
(Funchal)

Sapindaceae

129. *Dipteronia sinensis* Oliver G XX-0-GENT-2012158
(Van Laarhoven)

Saxifragaceae

130. *Heuchera americana* L. G XX-0-GENT-20010397
(Bayreuth)

131. *Saxifraga hostii* Tausch W AT-0-GENT-19951062
(Otten) Austria, Carinthia, aufstieg untere Wolayer-alm zur Pichl Hutte

Thymelaeaceae

132. *Daphne tangutica* Maximowicz G XX-0-GENT-19970071
(De Belder)

Verbenaceae

133. *Verbena hastata* L. W US-0-GENT-20030796
(South Hadley) United States, Hadley, Massachusetts, 45 m

Zingiberaceae

134. *Pyrgophyllum yunnanense* W CN-0-GENT-20113196
(Gagnepain) T.L. Wu & Z.Y. Chen
(Wespelaar) China, Muli, Sichuan, road from Yanyuan to Lugu Hu, 2210 m

Ghent University Botanical Garden

Our staff:

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Paul Goetghebeur

hortulana

Chantal Dugardin

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Volunteers who contributed to this seed list and to the preparation of the seed packets:

Werner Goesaert, Lut Van Daele, An Van Eeckaute, Tonia De Meester, Beatrix Casteleyn

Additional information

Website: <http://www.plantentuin.ugent.be>

Supply of plant material

Pursuant to the Convention on Biological Diversity (Rio de Janeiro, 1992) the Ghent University Botanical Garden supplies the plant material listed in this catalogue in accordance with the Code of Conduct for Botanic Gardens and similar collections.

We are member of IPEN (International Plant Exchange Network) and can exchange material with other IPEN members without bilateral agreement.

Non IPEN-members have to return the “Agreement on the supply of living plant material for non-commercial purposes leaving the International Plant Exchange Network” which must be signed by authorized staff. This agreement is printed on the back side of the order form.

Correspondents should check with their own authorities concerning import regulations and include any necessary permits with their order.

Agreement on the supply of living plant material ¹ for non-commercial purposes leaving the International Plant Exchange Network (IPEN version 2b)

Against the background of the provisions and decisions of the Convention on Biological Diversity of 1992 (CBD) and in particular those on access to genetic resources and benefit sharing, the garden is dedicated to promoting the conservation, sustainable use, and research of biological diversity. The garden therefore expects its partners in acquiring, maintaining and transferring plant material to always act in accordance with the CBD and the Convention on the International Trade in Endangered Species (CITES).

The responsibility for legal handling of the plant material passes on to the recipient upon receipt of the material. The requested plant material will be supplied to the recipient only on the following conditions:

1. Based on this agreement, the plant material is supplied only for non-commercial use such as scientific study and educational purposes as well as environmental protection. Should the recipient at a later date intend a commercial use or a transfer for commercial use, the country of origin's prior informed consent (PIC) must be obtained in writing before the material is used or transferred. The recipient is responsible for ensuring an equitable sharing of benefits.
2. On receiving the plant material, the recipient endeavors to document the received plant material, its origin (country of origin, first receiving garden, 'donor' of the plant material, year of collection) as well as the acquisition and transfer conditions in a comprehensible manner.
3. In the event that scientific publications are produced based on the supplied plant material, the recipient is obliged to indicate the origin of the material (the supplying garden and if known the country of origin) and to send these publications to the garden and to the country of origin without request.
4. On request, the garden will forward relevant information on the transfer of the plant material to the body charged with implementing the CBD².
5. The recipient may transfer the received plant material to third parties only under these terms and conditions and must document the transfer in a suitable manner. (e.g. by using the documentation form, such as provided in Annex 1.4³)

I accept the above conditions.

Date, Signature

Recipient's name and address, stamp

¹ According to the CBD 'genetic sources' means genetic material of actual or potential value. This definition covers both living and not living plant material. The Code of Conduct and the IPEN covers only the exchange of living plant material (living plants or parts of plants, diaspores) thus falling in the definition of genetic resources.

² ideally, the national focal point in the garden's home country.

³ The material always needs to be accompanied by its IPEN-number, consisting of the identification code of the first IPEN member garden that received the material from outside the network, together with the garden's accession-number for the plant material. Additionally the country of origin and the terms and conditions under which the material was acquired from the country of origin and other stake-holders must accompany the material. When leaving the IPEN-network, also the name and address of the first IPEN-garden must be included. This documentation stays attached to the material wherever it goes.

Index seminar HBUG 2015

Your address :

Your desiderata :

Please indicate your requests, one number per box, and forward to:

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Attention: non IPEN members please complete the agreement on the supply of living plant material.