

Index Seminarum

Anno 2017



PLANTENTUIN

UNIVERSITEIT GENT

Photo cover: Systematic Collection Ghent University Botanical Garden, 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

Most of 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. VE-0-GENT19781147

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:
ebgconsortiumindexseminum2017

SPERMATOPHYTES

Adoxaceae

1. *Sambucus ebulus* L. W DE-0-BONN-24975
(Bonn) Germany, Baden-Württemberg, Schwäbische Alb, Fridingen, Gargental

Agavaceae

2. *Hastingsia alba* (Durand) S. Watson W US-0-GENT20042011
(Berkeley) United States, California, Siskiyou County, W of Weed, 976 m
3. *Paradisea liliastrum* (L.) Bertoloni G XX-0-GENT19971539
(Meise)

Alliaceae

4. *Allium cristophii* Trautvetter G XX-0-GENT19950638
(Berlin)

Alstroemeriaceae

5. *Bomarea edulis* (Tussac) Herbert sr0u-1980GR00248
(Utrecht) Suriname, Kabelebo area, along Barieba Creek

Apiaceae

6. *Glaucosciadium cordifolium* Z TR-0-GENT20151863
(Boissier) B.L.Burt & P.H.Davis
(Evesham) Turkey, Hatay
7. *Heracleum sphondylium* L. W BE-0-GENT20172073
(Herman) Belgium, Heer-Agimont
8. *Kundmannia sicula* (L.) de Candolle G XX-0-GENT20141060
(Nantes Cedex)
9. *Oenanthe crocata* L. W FR-0-GENT20141118
(Paris) France, Eure-et-Loir, Penmarch, Trégalet, 17 m
10. *Sanicula europaea* L. G XX-0-GENT19901507
(Meise)

Araceae

11. *Arum cyrenaicum* Hruby G XX-0-GENT20020763
(Bern)

Asphodelaceae

12. *Asphodeline lutea* (L.) Reichenbach W IT-0-GENT19730716
(Pisa) Italy, Madonie, Piano Zucchi, 1200 m
13. *Asphodelus ramosus* L. W FR-0-GENT19990507
(Meise) France, Corse-du-Sud, Vaccia Pass, between Aullene and Zicavo

Asteraceae

14. *Achillea millefolium* L. W NO-0-GENT19820272
(Oslo) Norway, Akershus, Baerum
15. *Baccharis halimifolia* L. W US-0-GENT20121485
(Northampton) United States, Connecticut, New Haven County, Madison, Garnet Park, 2 m
16. *Solidago virgaurea* L. W FR-0-GENT19751863
(Besançon) France, Doubs, Frasné
17. *Tanacetum cinerariifolium* G XX-0-GENT20091101
(Treviranus) Schultz Bipontinus
(Cluj-Napoca)

Berberidaceae

18. *Nandina domestica* Thunberg W JP-0-GENT20030025
(Hiroshima) Japan

Betulaceae

19. *Betula populifolia* Marshall W US-0-NCY-199400061W
(Villers-les-Nancy) United States, Northampton County

Brassicaceae

- | | | | |
|-----|--|---|-------------------|
| 20. | <i>Anastatica hierochuntica</i> L.
(Herman) Tunisia | W | TN-0-GENT20172074 |
| 21. | <i>Barbarea verna</i> (Miller) Ascherson
(Rennes) France, Département d'Ille-et-Vilaine | W | FR-0-GENT19921582 |
| 22. | <i>Lunaria rediviva</i> L.
(Kalmthout) Slovenia, Boc Mountain | W | SI-0-GENT20010051 |
| 23. | <i>Rapistrum perenne</i> (L.) Allioni
(München) Germany, Sachsen-Anhalt, next to Wormsleben | Z | DE-0-M-2001/2088 |

Campanulaceae

- | | | | |
|-----|---|---|------------------|
| 24. | <i>Lobelia tupa</i> L.
(Utrecht) Chile, Chile South, VIII Region, E of Concepción, 305 | Z | cl0u-2008BL01704 |
|-----|---|---|------------------|

Caprifoliaceae

- | | | | |
|-----|---|---|-------------------|
| 25. | <i>Leycesteria formosa</i> Wallich
(Oulu) | G | XX-0-GENT19804777 |
| 26. | <i>Lonicera periclymenum</i> L.
(Oldenburg) Germany, Oldenburg, Sannum | W | DE-0-GENT19710709 |
| 27. | <i>Triosteum pinnatifidum</i> Maximowicz
(Frankfurt am Main) | G | XX-0-GENT19970522 |

Caryophyllaceae

- | | | | |
|-----|---|---|-------------------|
| 28. | <i>Dianthus plumarius</i> L.
(Montpellier) France, l'Hérault | W | FR-0-GENT19770717 |
| 29. | <i>Dianthus pubescens</i> Sibthorp
& Smith
(Izmir) Turkey, Yamanlardagi-Izmir | W | TR-0-GENT19970105 |
| 30. | <i>Silene waldsteinii</i> Grisebach
(Meise) | G | XX-0-GENT20041254 |

Cistaceae

- | | | | |
|-----|---|---|-------------------|
| 31. | <i>Cistus monspeliensis</i> L.
(Coimbra) Portugal | W | PT-0-GENT20031488 |
| 32. | <i>Cistus populifolius</i> L. subsp.
<i>populifolius</i>
(Coimbra) Portugal | W | PT-0-GENT20031485 |
| 33. | <i>Cistus salviifolius</i> L.
(Paris) France, Landes, Capbreton | W | FR-0-GENT20040796 |

Coriariaceae

- | | | | |
|-----|--|---|-------------------|
| 34. | <i>Coriaria myrtifolia</i> L.
(Bordeaux) France, Lot et Garonne, Cancon | W | FR-0-GENT20031038 |
|-----|--|---|-------------------|

Cornaceae

- | | | | |
|-----|---|---|-------------------|
| 35. | <i>Cornus controversa</i> Hemsley
(Matsudo City) Japan, Mt. Haruna, Gunma Prefecture, Gunma-gun, Haruna Town | W | JP-0-GENT20010866 |
| 36. | <i>Cornus mas</i> L.
(Brno) Slovakia, Súľovské scaly | W | SK-0-GENT20010649 |

Crassulaceae

- | | | | |
|-----|--|---|-------------------|
| 37. | <i>Chiastophyllum oppositifolium</i>
(Ledebour) A.Berger
(Verecke) | G | XX-0-GENT20091220 |
|-----|--|---|-------------------|

Cyperaceae

- | | | | |
|-----|--|---|-------------------|
| 38. | <i>Carex grayi</i> J. Carey
(East Lansing) United States, Michigan, Ingham county, Legg Park Floodplain, 256
m | W | US-0-GENT20040127 |
|-----|--|---|-------------------|

Ephedraceae

39. *Ephedra monosperma* J.G. Gmelin G XX-0-GENT20051201
ex C.A. Meyer
(Boskoop)

Fabaceae

40. *Galega officinalis* L. G XX-0-GENT20121003
(La Gacilly Cedex)
41. *Genista sagittalis* L. G XX-0-GENT19813534
(Wageningen)

Francoaceae

42. *Melianthus minor* L. G XX-0-GENT20011462
(Latte)

Gesneriaceae

43. *Gesneria ventricosa* Swartz G XX-0-GENT19760741
(Utrecht)

Iridaceae

44. *Iris sibirica* L. W AT-0-GENT20020187
(Salzburg) Austria, Salzburg, Wals, Siezenheim, Kleingmainberg W-slope, 450 m
45. *Libertia grandiflora* (R. Brown) Z NZ-0-FRP-17613
Sweet
(Frankfurt am Main) New Zealand
46. *Libertia sessiliflora* (Poeppig) W CL-0-GENT20010422
Skottsberg
(Dresden) Chile, VII Region, West of Talca, South of Curanipe, Tregualemu
47. *Sisyrinchium patagonicum* Philippi G XX-0-GENT19940043
ex Baker
(Dresden)

Lamiaceae

48. *Leonurus cardiaca* L. W CH-0-GENT19790136
(Chambésy-Genève) Switzerland, Valais, 560 m
49. *Origanum sipyleum* L. Z TR-0-NGOET-2571
(Göttingen) Turkey, Sultan Dag, 1600 m
50. *Salvia atropatana* Bunge G XX0GENT20132374
(Arad)
51. *Salvia pratensis* L. W IT-0-GENT20061037
(Anversa degli Abruzzi) Italy, l'Aquila, Bugnara, 450 m

Lardizabalaceae

52. *Stauntonia hexaphylla* (Thunberg) G XX-0-GENT19812448
Decaisne
(Hiroshima)

Liliaceae

53. *Prosartes smithii* (W.J. Hooker) XX-0-GENT20000620
Utech, Shinwari & Kawano
(Meise)
54. *Tulipa turkestanica* (Regel) Regel G XX-0-GENT19971601
(Bilthoven)

Malvaceae

55. *Althaea officinalis* L. W RU-0-GENT19792364
(Samara) Russian Federation, Samara, reg. Volgae-mediae
56. *Malva sylvestris* L. BE-0-GENT20091528
(Gent)

Nelumbonaceae

57. *Nelumbo nucifera* Gaertner G XX-0-GENT20050371
(Szeged)

Onagraceae

58. *Fuchsia paniculata* Lindley G XX-0-GENT19782652
(Chico)

Orobanchaceae

59. *Orobanche lucorum* A.Braun G XX-0-GENT20132843
(Van de Walle)

Papaveraceae

60. *Dactylicapnos macrocapnos* (Prain) G XX-0-GENT20081056
Hutchinson
(Salomon)
61. *Romneya coulteri* Harvey G XX-0-GENT19821040
(Amsterdam)

Plantaginaceae

62. *Digitalis ferruginea* L. G XX-0-GENT19920647
(Tours)
63. *Digitalis lanata* Ehrhart G XX-0-GENT20090945
(Budapest)
64. *Digitalis lutea* L. W BE-0-GENT20040157
(Brussel) Belgium, Namur, Belvaux
65. *Globularia cordifolia* L. W AT-0-GENT19860652
(Klagenfurt) Austria, Hochobir Süd, 1100 m
66. *Veronica longifolia* L. Z DE-0-MSTR-15204
(Münster) Germany, Aken, Anhalt-Zerbst

Polemoniaceae

67. *Polemonium caeruleum* L. G XX-0-GENT20142534
(Perm)
68. *Polemonium eximium* Greene G XX-0-GENT20161451
(Budapest)

Polygonaceae

69. *Rumex scutatus* L. W HR-0-GENT20060393
(Otten) Croatia, Jablanac, Zaviatnica bay

Primulaceae

70. *Ardisia lurida* Blume G XX-0-GENT19782422
(Bogor)
71. *Dodecatheon jeffreyi* Van Houtte G XX-0-GENT20011717
(Jena)

Ranunculaceae

72. *Aquilegia kubanica* I.M.Vassiljeva Z TJ-0-GENT20020895
(Göteborg) Tajikistan, Pamiro-Alai, Central Hissar Range, 3600 m
73. *Aquilegia vulgaris* L. W FR-0-GENT20141131
(Paris) France, Côte-d'Or, Lucenay-le-Duc
74. *Delphinium pyramidatum* Albov G XX-0-ULM-1996-F-663
(Ulm)
75. *Nigella damascena* L. W GR-0-GENT20031908
(Athens) Greece, Thessalia-Macedonia, Mt. Olimbos

Rosaceae

76. *Agrimonia eupatoria* L. W CN-0-GENT19710414
(Uppsala) China, province Shanxi, Chieh-hsiu district, Sung-lin-miao, 900 m
77. *Cotoneaster duthieanus* W NP-0-GENT20091053
(C.K. Schneider) G. Klotz
(Jeannette Fryer) Nepal, N of Mustang
78. *Cotoneaster integerrimus* Medikus W AT-0-GENT20091056
(Jeannette Fryer) Austria
79. *Geum magellanicum* Persoon Z AR-0-M-2002/0914
(München) Argentina, province Santa Cruz, Lago Argentino, Peninsula Magellanes,
230 m

- | | | | |
|-----|--|---|-------------------|
| 80. | <i>Horkelia californica</i> Chamisso
& Schlechtendal
(Seattle) | G | XX-0-GENT20060002 |
| 81. | <i>Petrophytum cinerascens</i> (Piper)
Rydberg
(München) | G | XX-0-GENT20010459 |
| 82. | <i>Prunus spinosa</i> L.
(Geraardsbergen) Belgium, Vlaamse Ardennen | Z | BE-0-GENT20051633 |
| 83. | <i>Rosa agrestis</i> Savi
(Geraardsbergen) Belgium | Z | XX-0-GENT20031448 |
| 84. | <i>Rosa deseglisei</i> Boreau
(Geraardsbergen) Belgium | Z | XX-0-GENT20031444 |
| 85. | <i>Rosa corymbifera</i> Borkhausen
(Geraardsbergen) Belgium | Z | XX-0-GENT20031445 |
| 86. | <i>Rosa rugosa</i> Thunberg
(Otten) Belgium, Middelkerke | W | BE-0-GENT19813524 |
| 87. | <i>Rosa stylosa</i> Desvaux
(Geraardsbergen) Belgium | Z | XX-0-GENT20031446 |

Rubiaceae

- | | | | |
|-----|--|---|-------------------|
| 88. | <i>Morinda citrifolia</i> L.
(Vannerum) Dominican Republic, Hispaniola, N Coast | W | DO-0-GENT20021265 |
| 89. | <i>Psychotria punctata</i> Vatke
(Gent) | U | XX-0-GENT19004716 |

Ruscaceae

- | | | | |
|-----|--|---|-------------------|
| 90. | <i>Polygonatum cirrhifolium</i> (Wallich)
Royle
(Regensburg) | G | XX-0-GENT20090120 |
| 91. | <i>Polygonatum cyrtonema</i> Hua
(Meise) | G | XX-0-GENT20021895 |
| 92. | <i>Ruscus hypoglossum</i> L.
(Maes) Italy, Abruzzo, Rigopiano, E side of Gran Sasso | W | IT-0-GENT20080741 |

Rutaceae

93. *Cneorum tricoccon* L. W ES-0-GENT19960260
(Soller) Spain, Balearic Islands, Eivissa, Ses Balandres

Solanaceae

94. *Atropa belladonna* L. W CH-0-GENT19720921
(Champex) Switzerland, Valais Central, 1200 m
95. *Solanum viarum* Dunal W CN-0-GENT20071631
(Huttert) China, Guanjang, 1800 m

Urticaceae

96. *Debregeasia longifolia* (Burman f.) W JP-0-GENT20021787
Weddell
(Ibaraki) Japan, Izu Experiment Station for Medicinal Plants

Violaceae

97. *Melicytus angustifolius* G XX-0-GENT19970425
(R. Brown ex de Candolle) Garnock-Jones
(Caen)
98. *Melicytus dentatus* G XX-0-GENT20050308
(R. Brown ex de Candolle) Molloy & Mabberley
(Amsterdam)

Ghent University Botanical Garden

Our staff:

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hortulana

Chantal Dugardin

plant identification expert

Jan De Langhe

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Jel D'Hollander

Olivier Dubois

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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.

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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.