

Index Seminum

Anno 2016



UNIVERSITEIT GENT

Photo cover: Olea europaea, 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:
[ebgconsortiumindexseminum2016](#)

SPERMATOPHYTES

Agavaceae

1. *Anthericum liliago* L. W IT-0-GENT-19970211
(Pavia) Italy, Sassi Neri
2. *Hastingsia alba* (Durand) S. Watson W US-0-GENT-20042011
(Berkeley) United States, California, Siskiyou County, W of Weed, Stewart Springs
Road near junction with Old Highway 99, 976 m
3. *Paradisea lusitanica* (Coutinho) G XX-0-GENT-20020075
Sampaio
(Stuttgart)

Alliaceae

4. *Allium ramosum* L. W RU-0-GENT-19752662
(Jakutsk) Russian Federation, Jakutsk

Alstroemeriaceae

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

Apiaceae

6. *Eryngium paniculatum* Cavanilles Z CL-0-BONN-33093
& *Dombey* ex F. Delaroche
(Bonn) Chile, VII Region, Reserva Nacional Altos del Lircay, 400 m - 1550 m
7. *Kundmannia sicula* (L.) de Candolle G XX-0-GENT-20141060
(Nantes)
8. *Seseli montanum* L. W FR-0-GENT-19751215
(Villers-les-Nancy) France, Thuilley-aux-Grosseilles, 230 m

Araceae

9. *Arum cyrenaicum* Hruby G XX-0-GENT-20031841
(Sankt Gallen)
10. *Arum purpureospathum* P.C.Boyce Z GR-0-GENT-19980417
(Göteborg) Greece, Kriti, seed from type collection

Asphodelaceae

- | | | | |
|-----|--|---|--------------------|
| 11. | Asphodelus ramosus L.
(Meise) France, Corse-du-Sud, Vaccia Pass, between Aullene and Zicavo | W | FR-0-GENT-19990507 |
| 12. | Bulbine semibarbata (R.Brown)
Haworth
(Meise) | G | XX-0-GENT-19971501 |
| 13. | Kniphofia hirsuta Codd
(München) South Africa, Drakensberg | Z | ZA-0-GENT-20060207 |
| 14. | Kniphofia triangularis Kunth
(München) Lesotho, Leribe District, Bokong | Z | LS-1-M-2010/0477 |

Asteraceae

- | | | | |
|-----|---|---|--------------------|
| 15. | Achillea millefolium L.
(Oslo) Norway, Akershus, Baerum | W | NO-0-GENT-19820272 |
| 16. | Ainsliaea species
(Wespelaar) China, Tianquan, Sichuan, Erlang Shan, 2189 m | W | CN-0-GENT-20152654 |
| 17. | Berkheya cirsiifolia (de Candolle)
Roessler
(Denver) | G | ZA-0-IB-008865 |
| 18. | Berkheya purpurea (de Candolle)
Masters
(Vereecke) | G | XX-0-GENT-20061772 |
| 19. | Eryngium alpinum L.
(Paris) France, Hautes Alpes, Vallouise | W | FR-0-GENT-20131574 |
| 20. | Solidago virgaurea L.
(Herman) Finland, Kerkkoo | W | FI-0-GENT-20162789 |
| 21. | Symphotrichum porteri (A.Gray)
G.L.Nesom
(Utrecht) | W | XX-0-GENT-20061108 |
| 22. | Syneilesis palmata (Thunberg)
Maximowicz
(Göteborg) Republic of Korea, Kyonyci Do Province, 300 m | Z | KR-0-GENT-20040691 |
| 23. | Tanacetum cinerariifolium
(Treviranus) Schultz Bipontinus
(Cluj-Napoca) | G | XX-0-GENT-20091101 |

Boraginaceae

24. *Trichodesma incanum* (Bunge) W IR-0-GENT-20132086
A. de Candolle
(Vacratot) Iran, Zagros Range, limestone gorge near Eden Abad, N of Ardal town,
Chahar Mahaal and Bakhtiari Province, 1880 m

Brassicaceae

25. *Fibigia clypeata* (L.) Medikus G XX-0-GENT-20132829
(Kyiv)
26. *Iberis saxatilis* L. G IT-0-GENT-19940581
(Trana) Italy, Piemonte, Torino, Val di Susa, Torino Foresto
27. *Matthiola incana* (L.) W.T.Aiton W FR-0-STR-2013109
(Strasbourg) France, Côtes d'Armor, Pleubian, Penn Lann, 5 m

Campanulaceae

28. *Lobelia tupa* L. Z cl0u-2008BL01704
(Utrecht) Chile, E of Concepción, VIII Región, 350 m

Caprifoliaceae

29. *Dipsacus asper* Wallich ex W CN-0-GENT-20113199
de Candolle
(Wespelaar) China, Jiulong, Sichuan, near Qiaopengzi, 2652 m
30. *Dipsacus fullonum* L. W BE-0-GENT-20162885
(Herman) Belgium, Soulme

Caryophyllaceae

31. *Dianthus plumarius* L. W FR-0-GENT-19770717
(Montpellier) France, l'Hérault
32. *Dianthus pubescens* Sibthorp W TR-0-GENT-19970105
& Smith
(Izmir) Turkey, Yamanlardagi-Izmir
33. *Dianthus spiculifolius* Schur W RO-0-GENT-19900648
(Cluj-Napoca) Romania, District Alba, Muntele Scarita-Belioara
34. *Saponaria cypria* Boissier Z CY-0-GENT-20140919
(Göttingen) Cyprus, Troodos Mountains

Cistaceae

35. *Cistus monspeliensis* L. W PT-0-GENT-20031488
(Coimbra) Portugal
36. *Cistus populifolius* L. subsp. major Z PT-0-LUX-1998059
(Dunal) Heywood
(Luxembourg) Portugal, Algarve, Serra de Monchique (Alferce)
37. *Cistus salviifolius* L. W FR-0-GENT-20040796
(Paris) France, Landes, Capbreton

Cleomaceae

38. *Dactylaena micrantha* Schrader G XX-0-BR-19742592
ex J. Schultes & Schultes f.
(Meise)

Coriariaceae

39. *Coriaria myrtifolia* L. G XX-0-GENT-20020860
(Halle-Saale)

Fabaceae

40. *Colutea busei* (Boissier) Shaparenko W IR-0-GENT-19841923
(Tehran) Iran, ca. 50 km N of Semnan, 2100 m - 2700 m
41. *Desmodium canadense* (L.) G XX-0-GENT-20132878
de Candolle
(Peer, Nursery Hulsdonk)
42. *Galega officinalis* L. G XX-0-GENT-20121003
(La Gacilly)
43. *Glycyrrhiza echinata* L. W HU-0-GENT-19900363
(Pruhonice) Hungary, Mohács
44. *Sutherlandia frutescens* (L.) Z ZA-0-B-3012184
R. Brown
(Berlin) South Africa, Province Western Cape, Hout Bay, Cape Peninsula
45. *Thermopsis lanceolata* R. Brown G XX-0-GENT-20050648
(Jena)

Francoaceae

46. *Melianthus minor* L. G XX-0-GENT-20011462
(Latte)

Gentianaceae

47. *Blackstonia perfoliata* (L.) Hudson W FR-0-GENT-20162798
(Libert) France, Pas-de-Calais, Bonningues-lès-Ardres

Haloragaceae

48. *Haloragis erecta* (Murray) Oken G XX-0-GENT-20112768
(Copenhagen)

Hyacinthaceae

49. *Ornithogalum pyrenaicum* L. W FR-0-GENT-19920213
(Basel) France, Hautes Alpes, Sigoyer, Gap, 1300 m

Hypericaceae

50. *Hypericum hirsutum* L. W AT-0-GZU-12 530
(Graz) Austria, Steirisches Randgebirge, Grazer Bergland, Schöckl, S-Abhang, Römerweg, 1060 m

Iridaceae

51. *Gladiolus italicus* Miller W IT-0-GENT-19960098
(Pisa) Italy, Pisa, Coltano, 3 m
52. *Iris ensata* Thunberg G XX-0-GENT-19920830
(Leipzig)
53. *Iris foetidissima* L. W FR-0-GENT-20121655
(Paris) France, Finistère, Cabellou, pointe de Cabellou, plage du Large
54. *Libertia sessiliflora* (Poeppig) W CL-0-GENT-20010422
Skottsberg
(Dresden) Chile, VII Región, West of Talca, South of Curanipe, Tregualemu
55. *Sisyrinchium patagonicum* Philippi G XX-0-GENT-19940043
ex Baker
(Dresden)

Lamiaceae

56. *Horminum pyrenaicum* L. W DE-0-GENT-19800311
(Wien) Germany, Schwarzwald, Raxalpe, Payerbach, ca. 1700-2000 m
57. *Leonurus cardiaca* L. W CH-0-GENT-19790136
(Chambésy-Genève) Switzerland, Valais, 560 m

- | | | | |
|-----|--|---|--------------------|
| 58. | <i>Phlomis chrysophylla</i> Boissier
(Jerusalem) Lebanon | W | LB-0-GENT-20100896 |
| 59. | <i>Salvia atropatana</i> Bunge
(Arad) | G | XX-0-GENT-20132374 |
| 60. | <i>Salvia dolichantha</i> E. Peter (cf.)
(Trieste) Italy, Trieste | Z | IT-0-GENT-20090340 |
| 61. | <i>Salvia glutinosa</i> L.
(Leipzig) Russian Federation, Kamüschenova Poljana, Region Krasnodar | W | RU-0-GENT-19900598 |
| 62. | <i>Salvia glutinosa</i> L.
(Graz) Slovenia, Murska Sobota, 400 m | W | SI-0-GENT-19710814 |
| 63. | <i>Salvia pratensis</i> L.
(Anversa degli Abruzzi) Italy, l'Aquila, Bugnara, 450 m | W | IT-0-GENT-20061037 |
| 64. | <i>Salvia tingitana</i> Etlinger
(Montpellier) | G | XX-0-GENT-20121113 |
| 65. | <i>Stachys byzantina</i> K. Koch
(Frankfurt am Main) | G | XX-0-GENT-19831830 |
| 66. | <i>Teucrium chamaedrys</i> L.
(Paris) France, Haute Savoie, Mt. Salève, 1246 m | W | FR-0-GENT-19960438 |
| 67. | <i>Teucrium flavum</i> L.
(Siena) Italy, Villa Balbo/Punta Ala (Grosseto), 86 m | W | IT-0-GENT-20090619 |

Lardizabalaceae

- | | | | |
|-----|---|---|--------------------|
| 68. | <i>Akebia trifoliata</i> (Thunberg)
Koidzumi
(Matsudo City) Japan, Makino, Fujino-machi, Sagamihara-shi, Kanagawa-ken
(Kanto District) | W | JP-0-GENT-20080525 |
|-----|---|---|--------------------|

Lythraceae

- | | | | |
|-----|--|---|--------------------|
| 69. | <i>Lythrum virgatum</i> L.
(London) | G | XX-0-GENT-19800196 |
|-----|--|---|--------------------|

Malvaceae

- | | | | |
|-----|--|---|--------------------|
| 70. | <i>Althaea cannabina</i> L.
(Dniepropetrovsk) | G | XX-0-GENT-19810853 |
| 71. | <i>Althaea officinalis</i> L.
(Samara) Russian Federation, reg. Volgae-mediae | W | RU-0-GENT-19792364 |
| 72. | <i>Hermannia incana</i> Cavanilles
(Giessen) | G | XX0GIESS0U1818 |

- Melanthiaceae**
73. Trillium sessile L. G XX-0-GENT-20020463
(Berlin)
74. Veratrum nigrum L. G xx0u-1965BL00271
(Utrecht)
- Menispermaceae**
75. Stephania epigaea H.S.Lo W CN-0-GENT-20012235
(Huttert) China, Yunnan, Yanmen, Deqèn County
- Nitrariaceae**
76. Peganum harmala L. Z CN-0-GENT-20130274
(Göttingen) China, Urumqui
- Orobanchaceae**
77. Orobanche minor Smith W FR-0-GENT-20162796
(Marc Libert) France, Pas-de-Calais, Ambleteuse
- Paeoniaceae**
78. Paeonia japonica (Makino) W JP-0-GENT-20070180
Miyabe et Takeda
(Tokyo) Japan, Yamanashi Prefecture, Fujiyoshida-shi
- Papaveraceae**
79. Papaver cambricum L. W FR-0-GENT-20162821
(Stappaerts) France, Pyrénées, Comus
- Passifloraceae**
80. Passiflora holosericea L. G XX-0-GENT-20090637
(Tübingen)
- Phyllanthaceae**
81. Flueggea suffruticosa (Pallas) G XX-0-GENT-19860418
Baillon
(Neuchâtel)

Plantaginaceae

- | | | | |
|-----|---|---|--------------------|
| 82. | <i>Antirrhinum majus</i> L.
(Stappaerts) France, Pyrenées, Comus | W | FR-0-GENT-20162822 |
| 83. | <i>Digitalis purpurea</i> L.
(Zagreb) | G | XX-0-GENT-20090971 |
| 84. | <i>Globularia cordifolia</i> L.
(Klagenfurt) Austria, Hochobir Süd, 1100 m | W | AT-0-GENT-19860652 |
| 85. | <i>Globularia incanescens</i> Viviani
(St. Andrews) | G | XX-0-GENT-20121818 |
| 86. | <i>Plantago media</i> L.
(Trieste) Italy, Trieste, Basovizza, 360 m | W | IT-0-GENT-20031925 |
| 87. | <i>Veronica longifolia</i> L.
(Münster) Germany, Aken, Anhalt-Zerbst | Z | DE-0-MSTR-15204 |
| 88. | <i>Veronicastrum sachalinense</i>
(Borissova) T.Yamazaki
(Graz) | G | XX-0-GENT-20080021 |

Plumbaginaceae

- | | | | |
|-----|--|---|--------------------|
| 89. | <i>Bukiniczia cabulica</i> (Boissier)
Linczevski
(Göteborg) Pakistan, Batura Glacier | Z | PK-0-GENT-20111359 |
|-----|--|---|--------------------|

Poaceae

- | | | | |
|-----|--|---|--------------------|
| 90. | <i>Lagurus ovatus</i> L.
(Libert) France, Pas-de-Calais, Ambleteuse | W | FR-0-GENT-20162797 |
|-----|--|---|--------------------|

Polemoniaceae

- | | | | |
|-----|---|---|--------------------|
| 91. | <i>Polemonium boreale</i> Adams
(Zürich) | G | XX0Z-20030474 |
| 92. | <i>Polemonium caeruleum</i> L.
(Perm) | G | XX-0-GENT-20142534 |

Primulaceae

- | | | | |
|-----|--|---|--------------------|
| 93. | <i>Dodecatheon jeffreyi</i> Van Houtte
(Jena) | G | XX-0-GENT-20011717 |
|-----|--|---|--------------------|

94. *Primula veris* L. W FR-0-GENT-20162823
(Stappaerts) France, Pyrenées, Comus

Ranunculaceae

95. *Aconitum vulparia* Reichenbach Z AT-0-GENT-19851326
(Wuppertal) Austria, Hinterstoder Kalkalpen, ca. 700 m
96. *Aquilegia discolor* Levier & G XX-0-GENT-20131867
Leresche
(Akureyri)
97. *Aquilegia pyrenaica* de Candolle W FR-0-GENT-20162820
(Stappaerts) France, Pyrenées, Comus
98. *Aquilegia vulgaris* L. W FR-0-GENT-20070586
(Dijon) France, Châtillon sur Seine
99. *Clematis mandshurica* Ruprecht W RU-0-GENT-19980823
(Sakhalinsk) Russian Federation, Primorsky Region, Lazovsky Reserve
100. *Clematis recta* L. W UA-0-GENT-20030993
(Kyiv) Ukraine
101. *Nigella damascena* L. W GR-0-GENT-20031908
(Athens) Greece, Thessalia-Macedonia, Mt. Olimbos

Rosaceae

102. *Agrimonia eupatoria* L. W CN-0-GENT-19710414
(Uppsala) China, Shansi, Chieh-hsiu district, Sung-lin-miao, 900 m
103. *Cotoneaster duthieanus* W NP-0-GENT-20091053
(C.K. Schneider) G. Klotz
(J. Fryer) Nepal, N of Mustang
104. *Filipendula palmata* (Pallas) W RU-0-GENT-19880345
Maximowicz
(Leni) Russian Federation, regio Primorijensis (Cismarinus), in vicinis urbis
Wladiwostok
105. *Geum magellanicum* Persoon Z AR-0-M-2002/0914
(München) Argentina, province Santa Cruz, Lago Argentino, Peninsula Magellanes,
230 m
106. *Geum montanum* L. Z it0u-1997BL01069
(Utrecht) Italy, Passo di Valsecca, 2000 m
107. *Rosa rugosa* Thunberg W BE-0-GENT-19813524
(Otten) Belgium, Middelkerke

Rutaceae

108. *Ptelea trifoliata* L. W US-0-GENT-20070387
(East Lansing) United States, Ingham county, Old field, Legg Park Parking Lot

Sapindaceae

109. *Acer circinatum* Pursh W US-0-GENT-20031429
(Seattle) United States, Gifford Pinchot National Forest, Skamania County, Washington, 700 m

Saxifragaceae

110. *Astilbe myriantha* Diels W CN-0-GENT-19830860
(Shangai) China, Southern Shanxi Province, Qin Ling, 1000 m
111. *Heuchera americana* L. G XX-0-GENT-20010397
(Bayreuth)
112. *Mitella formosana* (Hayata) W TW-0-GENT-20102549
Masamune
(Tilly & van Herwijnen) Taiwan, Taroko gorge

Solanaceae

113. *Atropa bella-donna* L. W CH-0-GENT-19720921
(Champex) Switzerland, Valais Central, 1200 m
114. *Hyoscyamus niger* L. G XX-0-GENT-20090867
(La Gacilly)

Violaceae

115. *Viola hirta* L. W FR-0-GENT-20141135
(Paris) France, Gironde, vers la Roque de Thau

Ghent University Botanical Garden

Our staff:

director

Paul Goetghebeur

hortulana

Chantal Dugardin

plant identification expert

Jan De Langhe

gardeners

Ritchy De Kraey

Jel D'Hollander

Olivier Dubois

Herbert Evrard

Ann Herman

Marc Libert

Stijn Stappaerts

Stephan Vandewalle

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 2016

Your address :

Your desiderata :

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

Plantentuin Universiteit Gent

K.L. Ledeganckstraat 35

B-9000 Gent

fax. +32(0)9-264 53 34

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