

Index Seminum

Anno 2010



UNIVERSITEIT GENT

Photo cover: Berberis vulgaris, 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: ebgconsortiumindexseminum2010

SPERMATOPHYTES

Acanthaceae

- 1 *Acanthus mollis* L. W ES0GENT19821115
(Lausanne) Spain, Cadiz

Agavaceae

- 2 *Hastingsia alba* (Durand) S. Watson W US0GENT20042011
(Berkeley) US, California, Siskiyou County, W of Weed, Stewart Springs Road near junction with Old Highway 99, 976 m

- 3 *Paradisea lusitanica* (Coutinho) Sampaio G XX0GENT20020075
(Stuttgart)

Alliaceae

- 4 *Allium carinatum* L. W SI0GENT19981128
(R. Viane) Slovenia, N of Ljubljana, meadow between Crni Vrki and Polhov Gradec, 850 m

- 5 *Allium* species W KZ0GENT20051807
(Budapest) Kazakhstan desert

Alstroemeriaceae

- 6 *Bomarea edulis* (Tussac) Herbert W SR0GENT19931769
(Utrecht) Suriname, Kabelebo area, along Barieba Creek

Apiaceae

- 7 *Angelica archangelica* L. G XX0GENT20102663
(Ulverston)

- 8 *Eryngium planum* L. W UA0GENT20061038
(Graz) Ukraine, Tiszatal bei Nove Selo, 120 m

- 9 *Oenanthe crocata* L. W FR0GENT19921607
(Rennes) France, Ille-et-Vilaine

- 10 *Thapsia garganica* L. G XX0GENT20051447
(J. Callens)

Apocynaceae

- 11 *Asclepias incarnata* L. W CA0GENT19920266
(Toronto) Canada, Ontario

Araceae

- 12 *Arisaema flavum* (Forsskaol) G XX0GENT19990544
Schott
(Leiden)
- 13 *Arum concinatum* Schott G XX0GENT20010171
(M. Libert)
- 14 *Arum purpureospathum* Z GR0GENT19980417
P.C. Boyce
(Göteborg) Greece, Crete

Aristolochiaceae

- 15 *Aristolochia littoralis* D. Parodi W AN0GENT19960171
(Salzburg) St. Martin, Simson Bay, road between Cole Bay and Marigot, 20 m

Asphodelaceae

- 16 *Eremurus himalaicus* Baker G XX0GENT19970278
(Grüningen)

Asteraceae

- 17 *Berkheya purpurea* Z za0u-2005BL01021
(De Candolle) Masters
(Utrecht) South Africa
- 18 *Berkheya purpurea* G XX0GENT20061772
(De Candolle) Masters
(L. Vereecke)
- 19 *Carlina acaulis* L. W AT0GENT20041028
(Graz) Austria, Bärentalalm, ca. 600 m Luftlinie SW der Bärentalhütte, ca. 1730 m
- 20 *Helichrysum italicum* (Roth) W IT0GENT19821638
G. Don subsp. *serotinum* (Boissier) P. Fournier
(Ventimiglia) Italy, Capanne di Marcarolo, 720 m

Berberidaceae

- 21 *Bongardia chrysogonum* (L.) Grisebach (Göttingen) G XX0GENT20030492
- 22 *Podophyllum hexandrum* Royle (A. Huttert) China, Yunnan, Birong Valley W CN0GENT20012230
- 23 *Podophyllum hexandrum* Royle (Tübingen) G XX0GENT19850886
- 24 *Podophyllum peltatum* L. (P. Goetghebeur) US, Delaware W US0GENT20021302

Betulaceae

- 25 *Carpinus cordata* Blume (Wespelaar) South Korea W KR0GENT20102714

Brassicaceae

- 26 *Iberis umbellata* L. (Siena) Italy, Siena, Casciano di Murlo, S. Stefano, 385 m W IT0GENT20050515
- 27 *Pachyphragma macrophyllum* (Hoffmann) Busch (Utrecht) G XX0GENT20031083

Bromeliaceae

- 28 *Brocchinia reducta* Baker U XX0GENT19003541

Buxaceae

- 29 *Buxus hyrcana* Pojarkova (O. Collin) G XX0GENT20012163

Cactaceae

- 30 *Rhipsalis micrantha* (Kunth) De Candolle (Salaspils) G XX0GENT20041244

Campanulaceae

- 31 *Campanula glomerata* L. G XX0GENT20061489
(G. De Vos)
- 32 *Michauxia tchihatcheffii* G xx0u-2009BL00321
Fischer & C.A. Meyer
(Utrecht)

Caprifoliaceae

- 33 *Lonicera chrysantha* W RU0GENT19980837
Turczaninow
(Sakhalinsk) Russia, Sakhalin Island, near Yuzhno-Sakhalinsk
- 34 *Lonicera periclymenum* L. W DE0GENT19710709
(Oldenburg) Germany, Oldenburg, Sannum
- 35 *Lonicera sachalinensis* W RU0GENT19980838
(F. Schmidt) Nakai
(Sakhalinsk) Russia, Sakhalin Island, Cape Lamanon
- 36 *Lonicera tangutica* Maximowicz W CN0GENT20041188
(A. Huttert) China, Birong Valley
- 37 *Lonicera tatarica* L. W HU0GENT19710708
(Pruhonice) Hungary, Montes Mátra, Sombokor, 800-900 m

Caryophyllaceae

- 38 *Dianthus pubescens* Sibthorp W TR0GENT19970105
& Smith
(Izmir) Turkey, Yamanlardagi-Izmir

Cistaceae

- 39 *Cistus monspeliensis* L. W PT0GENT20031488
(Coimbra) Portugal

Colchicaceae

- 40 *Disporum uniflorum* Baker G XX0GENT20032197
(M. Libert)

41 *Prosartes smithii* (W.J. Hooker) G XX0GENT20000620
Utech, Shinwari & Kawano
(M. Libert)

Cornaceae

42 *Cornus mas* L. W SK0GENT20010649
(Brno) Slovakia, Súľovské skály

43 *Cornus sanguinea* L. W BE0GENT20071528
(H. Dewettinck) Belgium

44 *Nyssa sylvatica* Marshall G XX0GENT20102715
(Wespelaar)

Crassulaceae

45 *Sedum dasyphyllum* L. W IT0GENT20040233
(Cogne) Italy, Lillaz, Champlong, 1600 m

Cucurbitaceae

46 *Corallocarpus bainesii* Z BW0GENT20060616
(J.D. Hooker) A. Meeuse
(Zürich) Botswana, Maun

Fabaceae

47 *Caragana microphylla* Lamarck G XX0GENT19771261
(Slepcany)

Grossulariaceae

48 *Ribes bracteosum* Douglas W US0GENT20020942
(Stockholm) USA, Oregon

Helwingiaceae

49 *Helwingia japonica* (Thunberg) W JP0GENT20011063
F. Dietrich
(Tokyo) Japan, Yamanashi Prefecture, Fuijoshida-shi.

Hyacinthaceae

- 50 Galtonia viridiflora I. Verdoorn G XX0GENT20081028
(Utrecht)
- 51 Hyacinthoides hispanica (Miller) W PT0GENT19720729
Rothmaler
(Coimbra) Portugal
- 52 Scilla verna Hudson W IE0GENT19922396
(Dublin) Ireland, Louth

Iridaceae

- 53 Iris setosa Pallas ex Link W RU0GENT20020038
(I. Coppens) Russia, Primorsky Region
- 54 Iris sibirica L. W AT0GENT20020187
(Salzburg) Austria, Salzburg, Wals, Siezenheim, Kleingmainberg W-slope, 450 m
- 55 Tigridia pavonia (L. f.) G XX0GENT20011362
De Candolle
(M. Libert)

Ixioliriaceae

- 56 Ixiolirion tataricum (Pallas) G XX0GENT20030588
Herbert
(München)

Lamiaceae

- 57 Salvia candelabrum Boissier W ES0GENT19941285
(Malaga) Spain, Malaga, Competa
- 58 Salvia pratensis L. W IT0GENT20061037
(Anversa degli Abruzzi) Italy, L'Aquila, Bugnara, 450 m
- 59 Stachys sylvatica L. W AT0GENT19862169
(Wien) Austria, Steiermark, Rax-Alpe (Prein), 1700-2000 m

Liliaceae

- 60 Fritillaria pallidiflora Schrenk G XX0GENT19980394
(Halle)

Malvaceae

- 61 *Plagianthus divaricatus* W NZ0GENT20020527
J.R. Forster & G. Forster
(Hamburg) New Zealand, South Island, Tasman, Motueka, Lagune Salzmarsch

Melanthiaceae

- 62 *Paris quadrifolia* L. W BE0GENT19961366
(M. Libert) Belgium, Roborst
- 63 *Trillium sessile* L. G XX0GENT19970049
(G. Spruyt)
- 64 *Zigadenus nuttallii* (A. Gray) G XX0GENT20030833
S. Watson
(Strasbourg)

Melanthaceae

- 65 *Francoa appendiculata* W CL0GENT20010427
Cavanilles
(Dresden) Chili, VII Region, S Chancon

Paeoniaceae

- 66 *Paeonia broteroi* Boissier W PT0GENT19930152
& Reuter
(Coimbra) Portugal
- 67 *Paeonia kavachensis* Aznavour G XX0GENT19960833
(Leicester)

Pinaceae

- 68 *Larix decidua* Miller W IT0GENT20011407
(Courmayeur) Italy, Morgex, Gubeling, 1640 m

Pittosporaceae

- 69 *Pittosporum tobira* (Thunberg) G XX0GENT19961447
W.T. Aiton
(M. Libert)

Plantaginaceae

- 70 *Digitalis laevigata* W GR0GENT20041668
Waldstein & Kitaibel subsp. *graeca* K. Werner
(Athens) Greece, Peloponnisos, Mt. Killini
- 71 *Digitalis lanata* Ehrhart G XX0GENT20090945
(Budapest)
- 72 *Digitalis micrantha* Roth W IT0GENT20041367
(Lama dei Peligni) Italy, Lama Bianca, S. Eufemia a Majella (PE), 1200 m
- 73 *Digitalis parviflora* Jacquin G XX0GENT20091216
(E. Tytgat)
- 74 *Globularia aphyllanthes* Crantz W BG0GENT20030620
(Sofia) Bulgaria, Mons Rhodopes, near Dobrostan
- 75 *Penstemon rydbergii* A. Nelson W us0u-2008BL01844
(Utrecht) US, Washington, Eastern Cascades, Yakima County, 1965 m

Portulacaceae

- 76 *Claytonia perfoliata* Donn G XX0GENT20102264
ex Willdenow
(A. Herman)

Primulaceae

- 77 *Androsace lactiflora* Pallas W RU0OSN-2008007
ex Fischer
(Osnabrück) Russia, Republik Altai, Ust-Koksinsky Raion, Fluss Koksa, 3 km vor Dorf Bannaja, 1140 m

Ranunculaceae

- 78 *Clematis serratifolia* Rehder W RU0GENT19971421
(Sakhalinsk) Russia, Primorsky Region
- 79 *Myosurus minimus* L. W BE0GENT20000037
(M. Libert) Belgium, Munkzwalm

Rosaceae

- 80 *Amelanchier ovalis* Medikus W FR0GENT19970230
(Reaumur) France, Departement du Bouche-du-Rhône, Vallon d'en Vau, Forêt
domaniale de la Gordiole, Marseille, 50-70 m
- 81 *Cotoneaster allochrous* Pojarkova G XX0GENT19711405
(Riga)
- 82 *Crataegus turkestanica* Pojarkova W KG0GENT19821530
(Saitama-ken) Kyrgyz Republic, Tian Shan occidentalis
- 83 *Prunus cerasifera* Ehrhart W DK0GENT19821785
(Kopenhagen) Denmark, region of Køge

Rubiaceae

- 84 *Morinda citrifolia* L. W DO0GENT20021265
(Vannerum) Dominican Republic, Hispaniola, N Coast

Ruscaceae

- 85 *Maianthemum racemosum* (L.) W US0GENT20010105
Link
US, Michigan, Ingham county, 253 m
- 86 *Polygonatum hirtum* W RO0GENT20030278
(Bosc ex Poiret) Pursh
(Iasi) Romania, Judetul Iasi, Comuna Barnova, Padurea Barnova
- 87 *Polygonatum hirtum* G XX0GENT20011746
(Bosc ex Poiret) Pursh
(Poznan)

Rutaceae

- 88 *Cneorum tricoccon* L. W ES0GENT19960260
(Soller) Spain, Baleares, Eivissa, Ses Balandres

Schisandraceae

- 89 *Schisandra rubriflora* Rehder G XX0GENT20022040
& E.H. Wilson
(St. Andrews)

Stachyuraceae

- 90 *Stachyurus chinensis* Franchet G XXOGENT20010564
(Linz)

Themidaceae

- 91 *Triteleia peduncularis* Lindley W USOGENT19961147
(Berkeley) US, California, Colusa County, W of Sacramento, Walker Ridge, Barrel
Spring, 745 m

Ulmaceae

- 92 *Zelkova carpinifolia* (Pallas) U XXOGENT19001009
K. Koch

Violaceae

- 93 *Melicytus crassifolius* G XXOGENT19860738
(J.D. Hooker) Garnock-Jones
(Bonn)

Ghent University Botanical Garden

Our staff :

director

Paul Goetghebeur

hortulana

Chantal Dugardin

plant identification expert

Jan De Langhe

gardeners

Jean-Pierre Bouckaert

Ritchy De Kraey

Marc Demeyer

Olivier Dubois

Herbert Evrard

Ann Herman

Marc Libert

Stijn Stappaerts

Stephan Vandewalle

trainees

Wouter Bondeel (LTI Oedelem, BE)

Marlena Scheller (Leonardo Da Vinci, Adam Mickiewicz University,
Poznan, PL)

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

Werner Goesaert

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 for the next year/ 3 years/ 5 years (encircle the number of years you want this agreement to be valid).

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, diasporas) 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.