# Index Seminum

# Anno 2020


## UNIVERSITEIT GENT

***Photo cover: Punica granatum (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: ebgconsortiumindexseminum2020

## SPERMATOPHYTES

### Acanthaceae

1 *Acanthus* *caroli-alexandri* Haussknecht G XX-0-GENT-19961452

### Adoxaceae

2 *Viburnum* *awabuki* K.Koch G XX-0-GENT-19002505
(Meise)

3 *Viburnum* *lantana* L. W HU-0-GENT-19950430
(Budapest) Hungary, Vértes, Csáksár

4 *Viburnum* *tinus* L. W IT-0-GENT-20010577
(Siena) Italy, Siena, Strada per Campeccioli, Casciano di Murlo, 440 m

### Agavaceae

5 *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 Hwy. 99, 976 m

### Alliaceae

6 *Allium* *carinatum* L. W SI-0-GENT-19981128
(R. Viane) Slovenia, N of Ljubljana, meadow between Crni Vrk and Polhov Gradec, 850 m

### Alstroemeriaceae

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

### Amaranthaceae

8 *Pleuropetalum darwinii* J.D.Hooker *(München)* G XX-0-GENT-19900484

### Amaryllidaceae

9 *Acis* *autumnalis* (L.) Sweet W PT-0-GENT-19911541B
(Coimbra) Portugal

### Apiaceae

10 *Bupleurum* *spinosum* Gouan Z MA-0-NCY-19911257W
(Villers-les-Nancy) Morocco, Marrakech, Ht. Atlas, 3100 m

| | | | |
|---|---|---|---|
| 11 | *Hippomarathrum leucospermum* (Waldstein & Kitaibel) Link<br>(Frankfurt am Main) Hungary, Keszthely Gebirge | W | HU-0-FRT-0000/3531 |
| 12 | *Oenanthe crocata* L.<br>(Paris) France, Eure-et-Loir, Penmarch, Trégalet, 17 m | W | FR-0-GENT-20141118 |
| 13 | *Oenanthe pimpinelloides* L.<br>(Ventimiglia) Italy, Valle dei Molinazzi, 150 m | W | IT-0-GENT-19772117 |

**Apocynaceae**

| | | | |
|---|---|---|---|
| 14 | *Tabernanthe iboga* Baillon<br>(Delft) | G | XX-0-GENT-19970504A |

**Araceae**

| | | | |
|---|---|---|---|
| 15 | *Anthurium berriozabalense* Matuda<br>(Teplice) Guatemala, Montanas del Mico | W | GT-0-GENT-20031560 |
| 16 | *Anthurium grandifolium* (Jacquin) Kunth<br>(unknown) | U | XX-0-GENT-19929028 |
| 17 | *Anthurium hookeri* Kunth<br>(unknown) | U | XX-0-GENT-19004761A |
| 18 | *Arum cyrenaicum* Hruby<br>(Sankt Gallen) | G | XX-0-GENT-20031841 |
| 19 | *Arum concinnatum* Schott<br>(Meise) | G | XX-0-GENT-20010171 |
| 20 | *Arum purpureospathum* P.C.Boyce<br>(Göteborg) Greece, Crete | Z | GR-0-GENT-19980417 |
| 21 | Arum purpureospathum P.C.Boyce<br>(Göteborg) Greece, Crete | Z | GR-0-GENT-19970722 |
| 22 | Pothos scandens L.<br>(unknown) | U | XX-0-GENT-19001100 |

**Aristolochiaceae**

| | | | |
|---|---|---|---|
| 23 | *Aristolochia littoralis* D.Parodi<br>(Salzburg) Saint Martin, Simson Bay, road between Cole Bay and Marigot, 20 m | W | MF-0-GENT-19960171 |

24 *Aristolochia schippii* Standley W MX-0-GENT-20102162
(Samain) Mexico, Tabasco, Teapa, botanical garden of the Centro Regional Tropical Puyacatengo, 90 m

**Asparagaceae**

25 *Asparagus officinalis* L. W BE-0-GENT-19750311
(Gembloux) Belgium, Kortrijk

**Asphodelaceae**

26 *Asphodeline lutea* (L.) Reichenbach W IT-0-GENT-19730716A
(Pisa) Italy, Madonie, Piano Zucchi, 1200 m

27 *Asphodelus ayardii* Jahandiez & Maire Z MA-0-IB-008521
(Innsbruck) Morocco, Atlas, 1700 m

28 *Kniphofia hirsuta* Codd Z ZA-0-GENT-20060207
(München) South-Africa, Drakensberg

**Asteraceae**

29 *Berkheya purpurea* (de Candolle) Masters Z za0u-2005BL01021
(Utrecht) South-Africa, Drakensberg

**Berberidaceae**

30 *Berberis empetrifolia* Lamarck W AR-0-GENT-20020285
(Dresden) Argentina, Patagonien, Neuquen, Lago Tromen

**Betulaceae**

31 *Alnus firma* Siebold & Zuccarini W JP-0-GENT-20102150
(Rotterdam) Japan, Goshikinuma

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

**Boraginaceae**

33 Pontechium maculatum (L.) Böhle & Hilger Z RO-0-MJG-201111905
(Mainz) Romania, Cluj-Napoca, Fanatele Clujului, 400 m

**Brassicaceae**

34 *Alyssoides utriculata* (L.) Medikus W CH-0-GENT-19921867
(Chambésy-Genève) Switzerland, Valais, 700 m

35 *Lunaria rediviva* L. Z SI-0-GENT-20010051
(Kalmthout) Slovenia, Boc Mountain

**Cannaceae**

36 *Canna tuerckheimii* Kränzlin W EC-0-GENT-19931767A
(Utrecht) Ecuador, Alluriquin, area between Sto. Domingo de los Colorados and Quito, Mt. Forest, 850 m

**Capparaceae**

37 *Steriphoma paradoxum* (Jacquin) Endlicher G XX-0-GENT-19841409
(Rotterdam)

**Caprifoliaceae**

38 *Lonicera alpigena* L. W AT-0-GENT-20020140
(Wien) Austria, Kârnten, Seebergsattel, 1200-1400 m

39 *Lonicera sachalinensis* (F.Schmidt) Nakai W RU-0-GENT-19980838
(Sakhalinsk) Russian Federation, Sakhalin Island, Cape Lamanon

**Caricaceae**

40 *Vasconcellea monoica* (Desfontaines) A. de Candolle W EC-0-GENT-20022017
(Gent) Ecuador

**Caryophyllaceae**

41 *Dianthus diffusus* Smith W TR-0-GENT-19970105A
(Izmir) Turkey, Yamanlardagi-Izmir

42 *Dianthus plumarius* L. W FR-0-GENT-19770717C
(Montpellier) France, l'Hérault

43 *Dianthus praecox* Willdenow ex Sprengel W SK-0-GENT-19900352
(Pruhonice) Slovakia, Vel'ká Fatra Mts., Gaderská dolina valley, 600-650 m

44 *Dianthus spiculifolius* Schur W RO-0-GENT-19900648
(Cluj) Romania, Distr. Alba, Muntele Scarita-Belioara

45 *Gypsophila fastigiata* L. Z DE-0-MJG-198224300
(Mainz) Germany, Rheinland-Pfalz, Mainz, NSG Mainzer-Sand

46 *Saponaria cypria* Boissier Z CY-0-GENT-20140919
(Göttingen) Cyprus, Troodos Mountains

**Cistaceae**

47 *Cistus monspeliensis* L. W PT-0-GENT-20031488
(Coimbra) Portugal

48 *Cistus populifolius* L. W PT-0-GENT-20031485
subsp. *populifolius*
(Coimbra) Portugal

49 *Cistus salviifolius* L. W FR-0-GENT-20040796
(Paris) France, Landes, Capbreton

**Coriariaceae**

50 *Coriaria myrtifolia* L. W FR-0-GENT-20031038
(Bordeaux) France, Défès, Cancon, Lot et Garonne

**Cornaceae**

51 *Cornus sanguinea* L. W BE-0-GENT-20071528
(Dewettinck) Belgium

**Cyperaceae**

52 *Carex grayi* J.Carey W US-0-GENT-20040127
(East Lansing) United States, Michigan, Ingham county, Legg Park Floodplain, 256 m

53 *Rhynchospora corymbosa* (L.) Britton W CM-0-GENT-20071418
(Reynders) Cameroon, Inselberg near Yaounde

54 *Scleria terrestris* (L.) Fassett W JP-0-GENT-20012093
(Ibaraki) Japan, Tenegashima Station, 88 m

**Dioscoreaceae**

55 *Dioscorea communis* (L.) Caddick & Wilkin W SI-0-GENT-20152208
(Ljubljana) Slovenia, Kal rad Hrastnikom

**Erythroxylaceae**

56 *Erythroxylum coca* Lamarck G XX-0-BR-19832742
(Meise)

**Euphorbiaceae**

57 *Homalanthus populifolius* Graham G XX-0-HOH-SYS-2697
(Stuttgart)

**Fabaceae**

58 *Albizia julibrissin* Durazzini W JP-0-GENT-20011056
(Tokyo) Japan, Yamanashi Pref., Simobe-machi.

**Hydrangeaceae**

59 *Deutzia crenata* Siebold & Zuccarini W JP-0-GENT-19990442
(Kanagawa-ken) Japan, Hakone, Mount Myojo, 800-900 m

60 *Hydrangea quercifolia* Bartram W US-0-GENT-19971102
(Northampton ) United States, Florida, Liberty County

61 *Hydrangea (Dichroa) hirsuta* (Gagnepain) Y.De Smet & Granados Z LA-0-GENT-20071345
(Gwynedd) Laos, North of Laos, near Nohghat

62 *Hydrangea (Dichroa) versicolor* (Fortune) combined. Z TH-0-GENT-20071346
(Gwynedd) Thailand, Doi Phahompok

**Hypericaceae**

63 *Hypericum perforatum* L. W NO-0-GENT-20141040
(Oslo) Norway, Oslo, Lillomarka near Tonsenhagen

**Juncaceae**

64 *Juncus effusus* L. W NO-0-GENT-19820310
(Oslo) Norway, Akershus, Baerum

65 Juncus inflexus L. W IT-0-GENT-19840126
(Siena) Italy, Siena, Colombaio, Montarioso

**Lamiaceae**

66 *Callicarpa japonica* Thunberg W JP-0-GENT-20010873
(Matsudo City) Japan, Gunma Prefecture, Gunma-gun, Haruna Town, Mount Haruna

**Malvaceae**

67 *Althaea officinalis* L. W RU-0-GENT-19792364
(Samara) Russian Federation, Samara, reg. Volgae-mediae

**Meliaceae**

68 *Turraea heterophylla* Smith G XX-0-ULM-2003-G-79
(Ulm)

**Nitrariaceae**

69 *Peganum harmala* L. Z CN-0-GENT-20130274
(Göttingen) China, Urumqui

**Ochnaceae**

70 *Ochna kirkii* Oliver G XX-0-GENT-19950453
(Bogor)

**Oleaceae**

71 *Forestiera neomexicana* A.Gray G XX-0-GENT-20041678
(Almaty)

72 *Ligustrum foliosum* Nakai W KR-0-GENT-19831009
(Suweon) South Korea, Suweon, Kwanak Arboretum

**Passifloraceae**

73 *Passiflora holosericea* L. G XX-0-GENT-20090637A
(Tubingen)

**Petiveriaceae**

74 *Hilleria latifolia* (Lamarck) H.Walter G XX-0-GENT-20051332B
(Kopenhagen)

75 *Petiveria alliacea* L. U XX-0-GENT-19004402
(Unknown)

**Phytolaccaceae**

76 *Phytolacca americana* L. W US-0-GENT-20080203
(East Lansing) United States, Michigan, Ingham county, Legg Park Floodplain, 256 m

**Pittosporaceae**

77 *Pittosporum illicioides* Makino W TW-0-GENT-20000124B
(Taipei) Taiwan, Herhuanchi, 1840m

78 *Pittosporum omeiense* H.T. Chang & S.Z. Yan G XX-0-GENT-20041578
(Meise)

**Plantaginaceae**

79 *Hebe salicifolia* (G.Forster) Pennell W NZ-0-GENT-19922319
(Dunedin) New Zealand

**Plumbaginaceae**

80 *Armeria alpina* (de Candolle) Willdenow W AT-0-GENT-20130208
(Salzburg) Austria, Salzburg, Weisspriach, Grosses Gurpitscheck, NW-crest, 2510 m

**Polygonaceae**

81 *Rumex scutatus* L. W HR-0-GENT-20060393
(Otten) Croatia, Jablanac, Zaviatnica baai

**Primulaceae**

82 *Ardisia compressa* Kunth G XX-0-GENT-19911210
(Meise)

83 *Ardisia lurida* Blume G XX-0-GENT-19782422
(Bogor)

84 *Ardisia wallichii* de Candolle G XX-0-GENT-19680069B
(Liverpool)

**Ranunculaceae**

85 *Knowltonia vesicatoria* Sims G XX-0-GENT-20011763
(Glasgow)

86 *Nigella* *damascena* L. W GR-0-GENT-20031908
(Athens) Greece, Thessalia-Macedonia, Mt. Olimbos

**Rosaceae**

87 *Cotoneaster* *duthieanus* (C.K. Schneider) G. Klotz W NP-0-GENT-20091053
(Fryer) Nepal, N of Mustang

88 *Cotoneaster* *melanocarpus* (Ledebour) Loddiges ex M.Roemer W RU-0-GENT-20040288B
(Strasbourg) Russian Federation, Murmansk Region, Chibiny Mountains

89 *Cotoneaster* *rhytidophyllus* Rehder & E.H.Wilson W CN-0-GENT-20040289A
(Strasbourg) China, Sichuan, Mt. Omei, 2500 m

90 *Cotoneaster* *rhytidophyllus* Rehder & E.H.Wilson W CN-0-GENT-20040289B
(Strasbourg) China, Sichuan, Mt. Omei, 2500 m

91 *Crataegus* *laevigata* (Poiret) de Candolle Z BE-0-GENT-20051634B
(Geraardsbergen) Belgium, West-Vlaams Heuvelland, Westouter

92 *Drymocallis* *arguta* (Pursh) Rydberg Z CA-0-REYK-1998/002
(Reykjavik) Canada, Alberta, 20 km E of Edmonton, just E of Nisku, 700 m

93 *Fallugia* *paradoxa* Endlicher G XX-0-GENT-20151011
(Seattle)

94 *Malus* *sieboldii* (Regel) Rehder W JP-0-GENT-19980528B
(Matsudo City) Japan

95 *Prunus* *mahaleb* L. W HR-0-GENT-20060402
(Otten) Croatia, Jablanac, vanaf de Zaviatnica baai naar de kustweg

96 *Spiraea* *japonica* L.f. W JP-0-GENT-20060900
(Matsudo City) Japan, Tsukiyono-machi, Tone-gun, Gunma Pref. (Chubu District)

**Rubiaceae**

97 *Psychotria* *punctata* Vatke U XX-0-GENT-19004716B
(unknown)

**Ruscaceae**

98 *Polygonatum* *multiflorum* (L.) Allioni W BE-0-GENT-20081072
(Van Bogaert) Belgium, Ardennen

**Rutaceae**

99 *Cneorum* *tricoccon* L. W ES-0-GENT-19960260
(Soller) Spain, Balearic Islands, Ibiza, Ses Balandres

**Sapindaceae**

100 *Acer* *circinatum* Pursh W US-0-GENT-20012303B
(Seattle) United States, Washington, Skamania County,Gifford Pinchot National Forest, 792 m

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

102 *Acer* *tataricum* L. subsp. *tataricum* Z HR-0-GENT-20060050A
(Rogow) Croatia

103 *Koelreuteria* *paniculata* Laxmann W KR-0-GENT-20070596
(Gyeonggi-do) South Korea, Deogyusan (Mt.), Jeollabuk-do

**Solanaceae**

104 *Atropa* *belladonna* L. W CH-0-GENT-19720921A
(Champex) Switzerland, Valais Central, 1200 m

**Staphyleaceae**

105 *Staphylea* *trifolia* L. W US-0-GENT-20070389A
(East Lansing) United States, Michigan, Ingham county, Mesic Southern Forest, Sanford Woodlot, 253 m

**Styracaceae**

106 *Pterostyrax* *corymbosus* Siebold & Zuccarini W CN-0-GENT-19971358
(Shanghai) China, Shanxi, Mount Heng

**Thymelaeaceae**

107 *Phaleria* *capitata* Jack W ID-0-GENT-20161855
(Van Der Kinderen) Indonesia, Java, Pangandaran Peninsula, Cagar Alam area

**Urticaceae**

108 *Urera* *baccifera* (L.) Gaudichaud ex Weddell G XX-0-ULM-1998-G-290
(Ulm)

**Vitaceae**

109 *Leea* *guineensis* G. Don W KE-0-GENT-20170924
(Olomouc) Kenya, near the village of Shinyalu in Kakamega forest national park

**Zygophyllaceae**

110 *Zygophyllum* *fabago* L. G XX-0-GENT-20120927
(Braunschweig)

## Ghent University Botanical Garden

Our staff:

hortulana
Chantal Dugardin

botanical expert
Paul Goetghebeur

plant identification officer
Jan De Langhe

gardeners
Ritchy De Kraey
Olivier Dubois
Herbert Evrard
Ann Herman
Marc Libert
Stephan Vandewalle
Guy Van Der Kinderen
Gilles Van Strydonck

Many volunteers contributed to this seed list and to the preparation of the seed packets.

## 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 CBD[2].

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 1.4[3])

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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, 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 gardens 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 seminum HBUG 2020**

Your address :

Your desiderata :

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Please indicate your requests, one number per box, and forward to:
Plantentuin Universiteit Gent
K.L. Ledeganckstraat 35
B-9000 Gent
e-mail: chantal.dugardin@ugent.be
**Attention**: non IPEN members please complete the agreement on the supply of living plant material.