



# Meise Botanic Garden



## LIST OF SEEDS 2024



MEISE BOTANIC GARDEN  
NIEUWELAAN 38 - 1860 MEISE - BELGIUM  
[WWW.MEISEBOTANICGARDEN.BE](http://WWW.MEISEBOTANICGARDEN.BE)

## DATA ON MEISE BOTANIC GARDEN

Building a sustainable future through discovery, research and conservation of plants is the main mission of Meise Botanic Garden, one of the largest botanic gardens in Europe, situated just north of Brussels. The greenhouse and outdoor collections together hold nearly 45.000 accessions of living plants representing about 24.000 taxa and 18.000 species, which is 5% of all known vascular plant species of the world. Half of them are housed in our greenhouses (Plant Palace and Green Ark), the other half, comprising cultivated and indigenous plants, grows outdoors. The Outdoor Collections accommodate taxa from all temperate regions of the world. A major part of the living collection is planted in thematic collections open to the general public. The living plant collections contribute to botanical and horticultural research as well as to the education and conservation activities of the Garden. Being situated in an old castle domain, 1/4th of the garden is managed as a nature reserve rich in local flora, fauna and fungi.

Geographical position: 50°55'N, 4°19'E

Climatic data (1991-2020 from R.M.I. Uccle, 13 km from Meise):

	<b>J</b>	<b>F</b>	<b>M</b>	<b>A</b>	<b>M</b>	<b>J</b>	<b>J</b>	<b>A</b>	<b>S</b>	<b>O</b>	<b>N</b>	<b>D</b>	<b>Year</b>
<b>A</b>	3.7	4.2	7.1	10.4	13.9	16.7	18.7	18.4	15.2	11.3	7.2	4.3	11.0
<b>B</b>	10.8	9.3	5	1	0	0	0	0	0	0.4	3.5	9.3	39.4
<b>C</b>	2.3	1.5	0.2	0	0	0	0	0	0	0	0.4	1.7	6.1
<b>D</b>	0	0	0	0.7	2.9	5.7	10.1	8	2.3	0.2	0	0	29.9
<b>E</b>	75.5	65.1	59.3	46.7	59.7	70.8	76.9	86.5	65.3	67.8	76.2	87.4	837.1m m

- A. Mean monthly temperature (°C)
- B. Days of frost (min < 0°C)
- C. Winter days (max < 0°C)
- D. Summer days (max > 25°C)
- E. Mean monthly rainfall

Institution code: BR - CITES code: BE003

Meise Botanic Garden  
 Nieuwelaan 38  
 1860 Meise (Belgium)  
 tel + 32 (0)2 2600920  
[seedlist@botanicgardenmeise.be](mailto:seedlist@botanicgardenmeise.be)  
<http://www.meisebotanicgarden.be>

With regard to the acquisition, maintenance and supply of plant material, *Meise Botanic Garden* acts in a manner that is consistent to the letter and spirit of the Convention on Biological Diversity, the Nagoya convention, the Convention on International Trade in Endangered Species (CITES) and in compliance with all relevant conventions and laws relating to the protection of biological diversity.

*Meise Botanic Garden* informs its correspondents that seeds and spores from this catalogue are available on an exchange basis, exclusively for institutions working in the areas of research, conservation and education. No seed material is provided to individuals or commercial firms. Seeds are standard shipped without phytosanitary certificates, please check your local regulations and contact us in advance in case specific documents are required.

*Meise Botanic Garden* is a registered member of IPEN, the International Plant Exchange Network ([www.bgci.org/resources/ipen](http://www.bgci.org/resources/ipen)) whose members have adopted a Code of Conduct regarding access to genetic resources and sharing of the resulting benefits. Therefore, our garden only supplies seed material to other IPEN-members, unless the "Agreement on the supply of living plant material for non-commercial purposes leaving the International Plant Exchange Network" is signed by authorized staff (see p. 32).

The IPEN number given with the seed material consists of four elements:

1. The first two characters are the international iso 3166-1-alpha-2-code of the country of origin ("XX" for unknown origin)
2. The next position is a digit: "1" if there exist special restriction to transfer, "0" if none
3. The next position is the Garden Code from which the IPEN number originates ("BR" for our institution)
4. The rest consists of the accession number within the institution specified in the previous element.

The IPEN number must always stay attached to the accession and its descendants so that the origin of the material can always be traced back.

Data are presented as follows:

326	BE-0-BR-19892063	<i>Limonium vulgare</i> Mill. BE, West-Vlaanderen, Nieuwpoort, Staatsnatuurreserveat 'De Ijzermunding', Billiet F., Cnop R., Heylen J. & Vanhecke L. LV8753, 28 SEP 1989
	threatened (BGCI)	

Item N° - IPEN number – Species name

Threatened status\* - Original wild collection data: country, province/state, site, collector + nr, collection date

\*When applicable threatened IUCN red listed taxa (VU, EN, CR, EW & DD) are indicated with the official letter code corresponding to their assessment status ([www.iucnredlist.org](http://www.iucnredlist.org)) or with the status indicated on the BGCI Plant Search database (<https://plantsearch.bgci.org/>).

The accessions presented in our yearly Index Seminum are carefully selected based on at least one of the following criteria prioritizing the distribution of valuable material:

1. Accessions of documented wild or indirect wild origin
2. Accessions of taxa listed as threatened (VU, EN, CR, EW) or data deficient (DD) on the IUCN red list or as threatened/ potentially threatened on the BGCI Plant Search data platform.
3. Taxa that are rare in collections of botanic gardens based on the presence in less than 30 institutions on the BGCI Plant Search data platform ([plantsearch.bgci.org](http://plantsearch.bgci.org)).

The seeds are collected from open-pollinated plants cultivated in the greenhouses (part I) or outdoors (part II) in the Botanic Garden. Seeds proposed in part III are collected from plants growing in the wild in the domain of the Botanic Garden, ¼ of which is managed as a wildlife reserve. Spores from cultivated ferns, mostly from the greenhouses, are presented in part IV. Seeds distributed are all orthodox or probably orthodox taxa stored in our short term storage facilities with stable conditions of 15°C and 15RH for maximum 10 years and the majority are recent collections. No guarantee can be given either on the purity or the viability. We welcome your feedback on the quality of the material.

Not all accessions made it into this Index Seminum:

1. Rare, threatened and well documented exceptional species (recalcitrant seeds) cannot be stored for long but are distributed through a separate IS list on the BGCI IS platform: <https://indexseminum.bgci.org/catalogue/plantentuin-meise-meise-botanic-gardens/short-term-available-material-with-high-priority>. We use a mail list for notification on availability of such material, please notify us via [seedlist@botanicgardenmeise.be](mailto:seedlist@botanicgardenmeise.be) if you want to be added to that mail list. Material is often limited and is thus distributed on a first come first serve basis.
2. Material from our general seed collection contains many more commonly available taxa that did not end up in the current Index Seminum but might be interesting for your collections. Our collection can be consulted on our online data platform ([www.botanicalcollections.be](http://www.botanicalcollections.be)) or on BGCI Plant Search ([plantsearch.bgci.org](http://plantsearch.bgci.org)).

## HOW TO ORDER?

### By e-mail or post:

Please enter max. 20 item numbers requested into the space provided on the Order Form (last page). If you are not an IPEN-member, please sign the agreement on the backside of the order Form.

### Through our BGCI Index Seminum page:

<https://indexseminum.bgci.org/gardens/plantentuin-meise-meise-botanic-gardens/catalogues/2024-catalogue>

This page only shows accessions that are currently still in stock. Seeds can be requested by members registered on the platform. Instructions on how to use the BGCI Index Seminum page and how to request seeds can be found on: <https://www.bgci.org/resources/bgci-hosted-data-tools/index-seminum/>

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Order Form p. 31

## I. SEEDS COLLECTED FROM PLANTS CULTIVATED IN THE GREENHOUSES

### ACANTHACEAE

- 1 XX-0-BR-19622104 *Barleria albostellata* C.B.Clarke
- 2 XX-0-BR-19761911 *Barleria cristata* L.
- 3 CI-0-BR-19700688 *Crossandra flava* Hook.  
CI, de Wit H.
- 4 XX-0-BR-19513079 *Ruspolia seticalyx* (C.B.Clarke) Milne-Redh.

### ALSTROEMERIACEAE

- 5 SR-0-BR-2005100538 *Bomarea edulis* (Tussac) Herb.  
SR, Kabelebo Gebiet, entlang Barieba Creek, Lindemann J. & Görts A.

### AMARANTHACEAE

- 6 XX-0-BR-19611622 *Ouret sanguinolenta* (L.) Kuntze
- 7 XX-0-BR-19810269 *Pleuropetalum darwinii* Hook.f.

VU

### AMARYLLIDACEAE

- 8 XX-0-BR-19860012 *Chlidanthus fragrans* Herb.
- 9 XX-0-BR-19631859 *Zephyranthes jonesii* (Cory) Traub

### ANACARDIACEAE

- 10 CL-0-BR-19852319 *Lithraea caustica* (Molina) Hook. & Arn. var. *caustica*  
CI, Santiago

### APOCYNACEAE

- 11 XX-0-BR-19084382 *Acokanthera oblongifolia* (Hochst.) Benth. & Hook.f. ex B.D.Jacks.
- 12 CU-0-FRP-22081 *Asclepias nivea* L. subsp. *nivea*  
CU, Pinar del Rio, Sandino, richtung Mantua

### ARACEAE

- 13 IN-0-BR-20192287 *Ariopsis peltata* Nimmo  
IN, Goa

### ARALIACEAE

- 14 XX-0-BR-19630071 *Polyscias cumingiana* (C.Presl) Fern.-Vill.

## ARECACEAE

- 15 HT-0-BR-19351040 *Sabal domingensis* Becc.  
threatened (BGCI) HT, Monfils M.

## ARISTOLOCHIACEAE

- 16 XX-0-GENT-20141959 *Aristolochia inflata* Kunth

## ASPARAGACEAE

- 17 XX-0-BR-2010009647 *Eucomis pallidiflora* subsp. *pole-evansii* (N.E.Br.) Reyneke ex J.C.Manning

## ASPHODELACEAE

- 18 ZA-0-BR-2015094467 *Aloe buhrii* Lavranos  
possibly threatened (BGCI) ZA, Cape Province, North of Calvinia, Saunders R.
- 19 XX-0-BR-19591213 *Aloe deinacantha* T.A.McCoy, Rakouth & Lavranos
- 20 ZA-0-BR-20192376 *Aloe humilis* var. *echinata* (Willd.) Baker  
ZA, Dumoulin
- 21 KE-0-BR-2002008056 *Aloe rabaiensis* Rendle  
KE, Narok Distr., Loita hills, an der Strasse C11 von Ewaso Ngiro nach Morijo, 10 km O von Mor, Hagemann & Classen 3190, 28 SEP 1986
- 22 ZA-0-BR-20191692 *Gasteria batesiana* G.D.Rowley  
ZA, Mpumalanga, Barberton
- 23 XX-0-BR-20191712 *Gasteria baylissiana* Rauh  
threatened (BGCI)
- 24 ZA-0-BR-20191741 *Gasteria bicolor* Haw.  
ZA, Port Elizabeth
- 25 ZA-0-BR-20191846 *Gasteria carinata* (Mill.) Duval  
ZA, SW of Swellendam, Vincent de Vries 1606
- 26 ZA-0-BR-20191867 *Gasteria carinata* var. *verrucosa* (Mill.) van Jaarsv.  
ZA, N of Breede River, Ernst Van Jaarsveld, 1983
- 27 ZA-0-BR-20191874 *Gasteria carinata* var. *verrucosa* (Mill.) van Jaarsv.  
ZA, N of Napky, Ingo Breuer, 2 FEB 2008
- 28 ZA-0-BR-20191881 *Gasteria carinata* var. *verrucosa* (Mill.) van Jaarsv. (Herbertsdale form)  
ZA, near Herbertsdale, Ernst Van Jaarsveld
- 29 ZA-0-BR-20191953 *Gasteria excelsa* Baker  
ZA, Gaika
- 30 ZA-0-BR-20192023 *Gasteria pillansii* Kensit  
ZA, Northern Cape, 10 km South of Kliprand, most northern point, Jaroslav Ullman
- 31 ZA-0-BR-20192061 *Gasteria rawlinsonii* Oberm.  
possibly threatened (BGCI) ZA, Baviaanskloof, Top of Gert Smitsekloof, H. de Looze, USA

- 32 ZA-0-BR-19906139 *Gasteria rawlinsonii* Oberm.  
 possibly threatened (BGCI)  
 ZA, Kaap, Baviaanskloofberge 3324CA, Gert Smitskloof, van Jaarsveld E.
- 33 XX-0-BR-2015094770 *Gonialoe variegata* (L.) Boatwr. & J.C.Manning
- 34 XX-0-BR-19084010 *Kumara plicatilis* (L.) G.D.Rowley

#### ASTERACEAE

- 35 XX-0-BR-19084143 *Ageratina vernalis* (Vatke & Kurtz) R.M.King & H.Rob.
- 36 XX-0-BR-19690137 *Caputia medley-woodii* (Hutch.) B.Nord. & Pelsner
- 37 XX-0-BR-2004054857 *Corethrogyne filaginifolia* (Hook. & Arn.) Nutt.
- 38 XX-0-BR-19832365 *Flaveria trinervia* (Spreng.) C.Mohr
- 39 XX-0-BR-19640167 *Gynura procumbens* (Lour.) Merr.
- 40 XX-0-BR-2004024646 *Haplopappus foliosus* DC.
- 41 RE-0-BR-1992221564 *Psiadia retusa* DC.  
 threatened (BGCI)  
 RE
- 42 XX-0-BR-19084350 *Senecio milanjanus* S.Moore
- 43 XX-0-BR-2018077623 *Sonchus hierrensis* (Pit.) Boulos
- 44 XX-0-BR-2018077724 *Sonchus leptcephalus* Cass.

#### BEGONIACEAE

- 45 XX-0-BR-20240451 *Begonia boliviensis* A.DC.
- 46 MX-0-BR-2007118037 *Begonia hirsuta* Aubl.  
 MX, Rodeo Reserve, Sénéchal B.
- 47 MQ-0-BR-2007118138 *Begonia hirtella* Link  
 MQ, Mome rouge, Bouquet E.

#### BIGNONIACEAE

- 48 XX-0-BR-19514824 *Tecoma smithii* W.Watson

#### BROMELIACEAE

- 49 XX-0-BR-19500639 *Dyckia brevifolia* Baker  
 DD
- 50 BO-0-BR-2012115355 *Fosterella rusbyi* (Mez) L.B.Sm.  
 threatened (BGCI)  
 BO, 22.1km from Coripata on road to Chulumani, Puente de Coripata (Puente Villa), Kimnach & al. 2604
- 51 XX-0-BR-19790465 *Guzmania melinonis* Regel
- 52 GF-0-BR-19830646 *Lutheria splendens* (Brongn. ex Neumann) Barfuss & W.Till  
 GF, Nancibo, Billiet F. & Jadin B., 24 OCT 1983
- 53 XX-0-BR-19681509 *Orthophytum foliosum* L.B.Sm.  
 threatened (BGCI)

#### CAMPANULACEAE

- 54 XX-0-BR-20192355 *Lobelia fistulosa* Vell.



- 55 PT-0-MJG-199132160 *Musschia aurea* (L.) Dumort.  
PT, Madeira, Küstenhang bei Garajau

### CAPRIFOLIACEAE

- 56 ES-0-BR-2004105377 *Pterocephalus dumetorum* (Brouss. ex Willd.) Coult.  
**threatened (BGCI)** ES, Canary Is., Tenerife

### CELASTRACEAE

- 57 OM-0-BR-2018076209 *Gymnosporia dhofarensis* (Sebsebe) Jordaan  
OM, Dhofar, Katz U., 9 FEB 2010
- 58 CI-0-BR-19850095 *Salacia pallescens* Oliv.  
CI, de Wit H.

### COMMELINACEAE

- 59 CD-0-BR-19871142 *Palisota schweinfurthii* C.B.Clarke  
CD, Bas Congo, massif du Bangu, Billiet F. & Jadin B.

### CRASSULACEAE

- 60 ES-0-BR-2002004218 *Aeonium canariense* subsp. *longithyrsum* (Burchard) Cristini  
ES, Canary Is., Isla de Hierro, Monacal
- 61 ES-0-BR-19810359 *Aeonium lindleyi* Webb & Berthel.  
ES, Canary Is., Tenerife, Vilaflor, Billiet F.
- 62 ES-0-BR-19770406 *Aeonium rubrolineatum* Svent.  
**threatened (BGCI)** ES, Canary Is., La Gomera, Benchijigua
- 63 NA-0-BR-20192389 *Crassula garibina* Marloth & Schönland  
NA, 10 km North of Rosh Pinah
- 64 XX-0-BR-19710118 *Crassula perforata* Thunb. subsp. *perforata*  
YE, Socotra, Hajher Mts., above Aduno (Dhimelo) Pass, Lavranos  
J.J. & Smith A.R., 431
- 65 YE-0-BR-2014121033 *Kalanchoe rotundifolia* (Haw.) Haw.

### CYPERACEAE

- 66 XX-0-BR-19532676 *Cyperus erythrorhizos* Muhl.
- 67 XX-0-BR-19621344 *Cyperus natalensis* Hochst. ex C.Krauss

### ERICACEAE

- 68 XX-0-BR-2004004640 *Erica thomae* L.Bolus

### EUPHORBIACEAE

- 69 MG-0-BR-2011082206 *Euphorbia ankaranae* Leandri  
**EN** MG, Antsiranana, Tsingis of Ankarana
- 70 XX-0-BR-2011073415 *Euphorbia californica* Benth.

- 71 MG-0-BR-2011074021 *Euphorbia cf. umbraculiformis* Rauh  
MG, Mahajanga, Analalava, Rööslü & Hoffmann, 1996
- 72 ZA-0-AMD-20090196 *Euphorbia cumulata* R.A.Dyer  
ZA, Eastern Cape, South of Committees Drift
- 73 XX-0-BR-2016032943 *Euphorbia pseudoglobosa* subsp. *nesemannii* (R.A.Dyer)  
Bruyns

### FABACEAE

- 74 XX-0-BR-19603147 *Acacia aneura* F.Muell. ex Benth.
- 75 XX-0-BR-2017132679 *Caragana ambigua* Stocks
- 76 IR-0-BR-1997117135 *Colutea buhsei* (Boiss.) Shapar.  
IR, Tehran, Damavand to Firozkuh, road at Aru and Havir, 50km to Firozkuh
- 77 CO-0-BR-19811122 *Crotalaria nitens* Kunth  
CO, between Huila and Cundinamarca Dept., Guadua, route de Ibague, Reubrecht G.
- 78 XX-0-BR-19605034 *Leucaena trichodes* (Jacq.) Benth.
- 79 XX-0-BR-19546360 *Pseudalbizzia polycephala* (Benth.) E.J.M.Koenen & Duno
- 80 XX-0-BR-19074244 *Rhynchosia phaseoloides* (Sw.) DC.
- 81 XX-0-BR-19537223 *Vachellia caven* (Molina) Seigler & Ebinger

### GERANIACEAE

- 82 XX-0-BR-2008187360 *Geranium maderense* Yeo  
**CR**

### GESNERIACEAE

- 83 XX-0-BR-19731480 *Rhytidophyllum tomentosum* (L.) Mart.
- 84 XX-0-BR-2011147072 *Sinningia insularis* (Hoehne) Chautems  
**threatened (BGCI)**

### HAEMODORACEAE

- 85 ZA-0-BR-2004066173 *Wachendorfia thyrsiflora* L.  
**DD**  
ZA

### HELIOTROPIACEAE

- 86 RE-0-BR-1992221867 *Tournefortia bojeri* A.DC.  
**threatened (BGCI)**  
RE

### LAMIACEAE

- 87 XX-0-BR-19084039 *Callicarpa macrophylla* Vahl
- 88 MG-0-BR-2015041624 *Coleus angulatus* (Hedge) A.J.Paton & Phillipson  
MG
- 89 XX-0-BR-19514767 *Ocimum gratissimum* L.

- 90 XX-0-BR-19762046 *Plectranthus purpuratus* Harv.  
possibly threatened  
(BGCI)
- 91 XX-0-BR-2004114976 *Salvia aurita* L.f.
- 92 XX-0-BR-19392124 *Scutellaria indica* f. *parvifolia* Makino
- 93 XX-0-U-2019GR00827 *Scutellaria javanica* Jungh.

#### LYTHRACEAE

- 94 XX-0-BR-19611735 *Heimia myrtifolia* Cham. & Schltdl.

#### MALVACEAE

- 95 CV-0-BR-19881017 *Grewia villosa* Willd.  
CV, Isle of Santiago

#### MELASTOMATACEAE

- 96 XX-0-BR-19681931 *Calvoa orientalis* Taub.

#### MELIACEAE

- 97 XX-0-BR-19682251 *Cipadessa baccifera* (Roxb. ex Roth) Miq.
- 98 XX-0-BR-1997123094 *Turraea heterophylla* Sm.

#### MUSACEAE

- 99 XX-0-BR-19674596 *Musa mannii* H.Wendl. ex Baker  
CR

#### OCHNACEAE

- 100 XX-0-BR-19391995 *Ochna atropurpurea* DC.
- 101 XX-0-BR-19710646 *Ochna kirkii* Oliv.

#### PETIVERIACEAE

- 102 XX-0-BR-19726035 *Hillieria longifolia* Heimerl

#### PHYLLANTHACEAE

- 103 XX-0-BR-19800810 *Phyllanthus muellerianus* (Kuntze) Exell

#### PLANTAGINACEAE

- 104 MX-0-B-3360485 *Lophospermum erubescens* D.Don  
MX, Hidalgo, Jacala
- 105 XX-0-BR-2009109264 *Maurandya barclayana* Lindl.

## PRIMULACEAE

- 106 XX-0-BR-19763190 *Ardisia compressa* Kunth  
107 XX-0-BR-19870430 *Lysimachia minoricensis* J.J.Rodr.  
**EW**  
108 XX-0-BR-19612068 *Maesa argentea* C.B.Clarke

## RANUNCULACEAE

- 109 ZA-0-BR-2004058901 *Knowltonia capensis* (L.) Jacques  
ZA

## RESTIONACEAE

- 110 XX-0-BR-2004118111 *Thamnochortus insignis* Mast.

## RHAMNACEAE

- 111 CN-0-BR-2004102751 *Hovenia dulcis* Thunb.  
CN, Shanxi, Yang Cheng Xian Co., Mang He Zhen, Shu Pi Gou,  
25 SEP 2002  
112 XX-0-BR-19821011 *Rhamnella franguloides* (Maxim.) Weberb.  
**threatened (BGCI)**

## RUBIACEAE

- 113 CR-0-FRP-89-15925-2 *Chiococca alba* (L.) Hitchc.  
CR, Kien M. MK88-16  
114 PY-0-BR-19842833 *Psychotria carthagenensis* Jacq.  
PY, Alto Parana, Tati Yupi, Billiet F. & Jadin B., 15 JUN 1984  
115 XX-0-BR-19536779 *Psychotria punctata* Vatke var. *punctata*  
116 DO-0-BR-1996102372 *Solenandra longiflora* (Lamb.) Paudyal & Delprete  
DO, ca. 4,4 km N of road to Bayaguana, near village of Comate,  
on Rio Comate, McDowell T., 8 AUG 1993  
117 MG-0-FRP-23316 *Tarenna madagascariensis* (Ten.) I.M.Turner  
MG

## RUSCACEAE

- 118 LR-0-BR-2014608356 *Dracaena cristula* W.Bull  
LR, Sinoe, Road from Greenville to Zwedru, near Sapu National  
Park, Jongkind C., SEP 2013  
119 XX-0-BR-19480607 *Dracaena draco* (L.) L.  
**EN**  
120 XX-0-BR-19780947 *Dracaena ombet* Kotschy & Peyr.  
**EN**  
121 KE-0-BR-2015045967 *Dracaena perrotii* (O.Warburg) Byng & Christenh.  
KE, Coast Province, Moshi, Maungu Hill, Rainer M.

- 122 TZ-0-BR-2014092539 *Dracaena perrotii* (O.Warburg) Byng & Christenh.  
TZ, Arusha, west side of Lake Natron

### SAPINDACEAE

- 123 XX-0-BR-19210325 *Alectryon subcinereus* (A.Gray) Radlk.

### SCROPHULARIACEAE

- 124 XX-0-BR-19852467 *Buddleja indica* Lam.  
125 ZA-0-BR-2000024913 *Dermatobotrys saundersii* Bolus  
ZA, Natal, Nogye Forest, KwaZulu  
126 ZA-0-BERN-2010/386 *Teedia lucida* (Sol.) Rudolphi  
ZA

### SOLANACEAE

- 127 XX-0-BR-19682363 *Solanum abutiloides* (Griseb.) Bitter & Lillo  
128 XX-0-BR-19210311 *Solanum betaceum* Cav.  
**DD**  
129 XX-0-BR-2017142985 *Solanum cheesmaniae* (L.Riley) Fosberg

### TALINACEAE

- 130 XX-0-BR-19392163 *Talinum paniculatum* (Jacq.) Gaertn.

### THYMELAEACEAE

- 131 ID-0-BONN-2369 *Phaleria octandra* (L.) Baill.  
ID, Java, Höller W.

### TOVARIACEAE

- 132 XX-0-DUSS-1348 *Tovaria pendula* Ruiz & Pav.

### URTICACEAE

- 133 XX-0-BR-20192658 *Dendrocnide moroides* (Wedd.) Chew  
**threatened (BGCI)**  
134 XX-0-BR-19074059 *Myriocarpa longipes* Liebm.

### ZINGIBERACEAE

- 135 XX-0-BR-2018146937 *Burbidgea stenantha* Ridl.  
**EN**  
136 ID-0-BONN-4805 *Hedychium horsfieldii* R.Br. ex Wall.  
**VU**  
ID, Sumatera West, zwischen Brastagi und Sidikalong, Koenen M.,  
9 FEB 1984  
137 XX-0-BR-2018147038 *Hedychium muluense* R.M.Sm.  
**EN**

## II. SEEDS COLLECTED FROM PLANTS CULTIVATED OUTDOORS

### AIZOACEAE

- 138 XX-0-BR-1992131133 *Cleretum bellidiforme* (Burm.f.) G.D.Rowley

### ALSTROEMERIACEAE

- 139 CL-0-BR-2001110303 *Alstroemeria aurea* Graham  
CL, Andenkordillere, E. Osorno, Hahn S., 2000

### AMARYLLIDACEAE

- 140 XX-0-BR-2012095248 *Allium cirrhosum* Vand.  
141 XX-0-BR-2010168382 *Allium cyathophorum* Bureau & Franch.  
142 SK-0-BR-2006111964 *Allium flavum* L.  
SK, Malé Karpaty, Hôrka pri Plaveckom Mikulasi, 2005  
143 FR-0-BR-19801799 *Allium sphaerocephalon* L.  
FR, Jura, Mont Poupet

### APIACEAE

- 144 BE-0-BR-19852436 *Aethusa cynapium* L. subsp. *cynapium*  
BE, Brabant-Wallon, Limal, Billiet F. 2045  
145 PT-0-BR-19872020 *Ammi majus* L.  
PT, Coimbra  
146 AT-0-BR-2009174841 *Astrantia major* L.  
AT, Oberösterreich, St. Wolfgang ENE 4 km, Schwarzensee,  
Gramerhauseralm, Gruber J.P., JUL 2008  
147 FR-0-P-2017G009 *Caucalis platycarpus* L.  
**threatened (BGCI)** FR, Var, Plan d'Aups-St Baume, plaine de St Baume  
148 BE-0-BR-19773292 *Daucus carota* L. subsp. *carota*  
BE, Vlaams-Brabant, Wolvertem, Godaert E.  
149 XX-0-BR-19761169 *Eryngium giganteum* M.Bieb.  
**threatened (BGCI)**  
150 XX-0-BR-1997103694 *Ferula assa-foetida* L.  
151 BE-0-BR-19801986 *Foeniculum vulgare* Mill. subsp. *vulgare*  
BE, Liège, Amay  
152 XX-0-BR-19580613 *Meum athamanticum* Jacq.  
**threatened (BGCI)**  
153 SI-0-BR-2002122234 *Myrrhis odorata* (L.) Scop.  
SI, Julijske Alpe, Vrata, Sommer S., 2001  
154 AT-0-BR-2008105316 *Selinum carvifolia* (L.) L.  
**threatened (BGCI)** AT, Salzburg, Mandling, Mandlinger Moor, Mayr A., SEP 2007

## ARALIACEAE

- 155 CN-0-BR-1996117227 *Eleutherococcus leucorrhizus* var. *setchuenensis* (Harms ex Diels) C.B.Shang & J.Y.Huang  
CN, Gansu, Mt.Mai ji area

## ASPARAGACEAE

- 156 IR-0-BR-19901648 *Muscari pseudomuscari* (Boiss. & Buhse) Wendelbo  
IR
- 157 XX-0-BR-19663187 *Ornithogalum exscapum* Gasp. ex Ten.
- 158 HU-0-BR-2002152546 *Ornithogalum ponticum* Zahar.  
HU, Baranya, Orfű (Mecsek mountains), 2000
- 159 XX-0-BR-19630540 *Ornithogalum pyrenaicum* L.  
possibly threatened  
(BGCI)

## ASPHODELACEAE

- 160 IT-0-BR-2007115310 *Asphodeline liburnica* (Scop.) Rchb.  
IT, L'Aquila, Anverza degli Abruzzi, Gole del Sagittario, 2006
- 161 GR-0-STGAL-20394 *Asphodelus aestivus* Brot.  
GR, Ionia, Corfu, Roda near Astakeri, Kuhn J., 29 SEP 2010
- 162 FR-0-BR-19801981 *Asphodelus albus* Mill.  
threatened (BGCI)  
FR, Hérault, Lodève

## ASTERACEAE

- 163 LU-0-BR-2003131337 *Arctium lappa* L.  
LU, Wormeldange, Ehnen, berge de la Moselle, Lambinon J., 25 AUG 2003
- 164 BE-0-BR-19852546 *Arctium minus* (Hill) Bernh.  
BE, Luxembourg, Bras, Seviscourt, Godaert E. & Van der Veken L., 2 OCT 1985
- 165 DE-0-BR-2017112673 *Arctium nemorosum* Lej.  
DE, Baden-Württemberg, Neuhausen ob Eck, 2016
- 166 XX-0-BR-19811857 *Arnica sachalinensis* (Regel) A.Gray
- 167 XX-0-BR-2005004952 *Aster incisus* Fisch.
- 168 FR-0-BR-1997105920 *Carduus crispus* L.  
FR, Jura, pont de Belmont, 13 AUG 1996
- 169 XX-0-BR-19901693 *Centaurea clementei* Boiss. ex DC.
- 170 DE-0-BR-19801489 *Chamaemelum nobile* (L.) All.  
DE, Hessen
- 171 XX-0-BR-1998123915 *Cichorium endivia* L.
- 172 IT-0-BR-1999184043 *Cynara cardunculus* L.  
IT, Agrigento, Isole Pelagie, Lampedusa, JUN 1998
- 173 XX-0-BR-19771023 *Emilia coccinea* (Sims) G.Don
- 174 XX-0-BR-2001104542 *Erigeron aurantiacus* Regel

- 175 XX-0-BR-1992291383 *Erigeron flettii* G.N.Jones  
possibly threatened  
(BGCI)
- 176 XX-0-BR-19721034 *Erigeron grandiflorus* Hook.
- 177 US-0-BR-2008115218 *Eupatorium perfoliatum* L.  
US, Michigan, Ingham County, private property near Williamston,  
Latitude: 4243\_\_N; Longitude: 08418\_\_W, 4 OCT 2007
- 178 XX-0-BR-2001106663 *Felicia amelloides* (L.) Voss
- 179 XX-0-BRAUN-7512598 *Felicia tenella* (L.) Nees
- 180 XX-0-BR-19821002 *Grindelia hirsutula* Hook. & Arn.
- 181 US-0-BR-1996123590 *Grindelia integrifolia* DC.  
US, Washington, Island Co.
- 182 US-0-HBG-2007-S-125 *Grindelia squarrosa* (Pursh) Dunal  
US, North Dakota, Russo, Kleissenberg N. & Struss V. 46, 15 SEP  
2007
- 183 FR-0-BR-2001109087 *Hieracium lachenalii* Suter  
FR, Nièvre, Saint-Brisson, 2000
- 184 XX-0-TR-20060604 *Hieracium tomentosum* L.
- 185 XX-0-BR-2015134580 *Ismelia carinata* (Schousb.) Sch.Bip.
- 186 BE-0-BR-19852409 *Jacobaea analoga* (DC.) Veldkamp  
BE, Vlaams-Brabant, Wommel, Amelgemlaan, Godaert E. 061, 16  
SEP 1985
- 187 XX-0-BR-19812271 *Lactuca virosa* L.  
DD
- 188 HU-0-BR-2008171293 *Leontodon hispidus* L. var. *hispidus*  
HU, Komárom-Esztergom, Vertes Mts., near Gant, Kósa G., 2007
- 189 PT-0-BR-19802809 *Leontodon saxatilis* (Ten.) Rchb.  
PT, Coimbra
- 190 US-0-BR-1997109253 *Liatris spicata* (L.) Willd.  
US, Illinois, Cook County, 1996
- 191 XX-0-BR-19821096 *Lonas annua* (L.) Vines & Druce
- 192 SK-0-BR-2009194443 *Pentanema squarrosus* (L.) D.Gut.Larr., Santos-Vicente, Anderb.,  
E.Rico & M.M.Mart.Ort.  
SK, Bratislava, Pernek - Drienova hora (Male Karpaty), 2008
- 193 PL-0-BR-20210741 *Pilosella aurantiaca* (L.) F.W.Schultz & Sch.Bip.  
threatened (BGCI)  
PL, Orlickie Mts., Zieleniec village
- 194 IT-0-BR-19812161 *Pseudognaphalium luteoalbum* (L.) Hilliard & B.L.Burt  
IT, Sicilia, Palermo, Vallone Mandarini-Madonie
- 195 ES-0-BR-1998163725 *Santolina rosmarinifolia* L.  
ES, Madrid, Colmenarejo
- 196 FR-0-BR-2001106966 *Sonchus arvensis* L.  
FR, Ille-et-Vilaine, Rennes, 4 SEP 2000
- 197 BE-0-BR-19872154 *Tragopogon minor* Mill.  
BE, Vlaams-Brabant, Vilvoorde, Cnop R. 001
- 198 XX-0-Z-20011481 *Tragopogon turkestanicus* S.A.Nikitin
- 199 XX-0-BR-19801581 *Ursinia anethoides* (DC.) N.E. Br.



- 200 US-0-BR-2003127394 *Verbesina alternifolia* (L.) Britton ex Kearney  
US, Michigan, Lenawee County, Southern Fen, River Raisin Fen,  
Latitude: 4158\_\_N; Longitude: 08356\_\_W, 9 SEP 2000
- 201 XX-0-BR-1992159930 *Xeranthemum annuum* L.  
possibly threatened  
(BGCI)

### BORAGINACEAE

- 202 BE-0-BR-19871672 *Anchusa officinalis* L.  
possibly threatened  
(BGCI)  
BE, West-Vlaanderen, De Panne
- 203 XX-0-BR-19792083 *Buglossoides arvensis* (L.) I.M.Johnst.  
possibly threatened  
(BGCI)
- 204 BE-0-BR-1996126018 *Cynoglossum officinale* L.  
possibly threatened  
(BGCI)  
BE, Liège, Eben-Emael, près de la réserve naturelle de Heyoul,  
Latitude: 504709N; Longitude: 0053954E, Billiet F. & Vanhecke L.  
FB2752, 17 JUL 1996
- 205 BE-0-BR-19861953 *Echium vulgare* L.  
BE, Namur, Merlemont, Godaert E., Heylen J. & Van der Veken L.  
026
- 206 XX-0-BR-19871636 *Lindelofia anchusoides* (Lindl.) Lehm.
- 207 IT-0-BR-2002110211 *Solenanthus apenninus* (L.) Fisch. & C.A.Mey.  
IT, Marche region (south)

### BRASSICACEAE

- 208 BE-0-BR-19796086 *Alliaria petiolata* (M.Bieb.) Cavara & Grande  
BE, Vlaams-Brabant, Meise HB.
- 209 BE-0-BR-19852584 *Capsella bursa-pastoris* (L.) Medik.  
BE, Vlaams-Brabant, Wolvertem, Klepperstraat, Godaert E. 071, 5  
OCT 1985
- 210 FR-0-P-2013G099 *Cochlearia danica* L.  
FR
- 211 BE-0-BR-19871679 *Cochlearia officinalis* L.  
BE, Antwerpen, Lillo
- 212 BE-0-BR-19891960 *Diplotaxis muralis* (L.) DC.  
BE, West-Vlaanderen, Billiet F., Zeebrugge, uitmonding  
Leopoldkanaal, Cnop R., Vanderborght T. & Vanhecke L.  
LV8637,FB2090, 5 JUL 1989
- 213 FR-0-BR-19781589 *Erucastrum gallicum* (Willd.) O.E.Schulz  
FR, Doubs, Dannemarie-sur-Crête
- 214 CA-0-BR-19791706 *Hesperis matronalis* L.  
CA, Vincent 8/10
- 215 BE-0-BR-19891967 *Hirschfeldia incana* (L.) Lagr.-Foss.  
BE, West-Vlaanderen, Zeebrugge, uitmonding Leopoldkanaal, N.  
kustweg, Billiet F., Cnop R., Vanderborght T. & Vanhecke L.  
LV8701, 29 AUG 1989

- 216 FR-0-BR-2002165478 *Isatis tinctoria* L.  
FR, Alpes-de-Haute-Provence, Mallefougasse, Lambinon J., 11  
JUL 2002
- 217 XX-0-STGAL-213/1991 *Moricandia moricandioides* (Boiss.) Heywood
- 218 XX-0-BR-2002119406 *Neslia paniculata* (L.) Desv.  
**threatened (BGCI)**
- 219 BE-0-BR-1992286434 *Sisymbrium austriacum* Jacq. subsp. *austriacum*  
**possibly threatened (BGCI)**  
BE, Namur, Marche-les-Dames, rive gauche, près du parking,  
Billiet F., Fabri R. & Vanderborcht T. RF1668, 2 JUL 1992

### CALYCANTHACEAE

- 220 CN-0-DR-001293 *Calycanthus chinensis* (W.C.Cheng & S.Y.Chang) W.C.Cheng &  
S.Y.Chang ex P.T.Li  
**threatened (BGCI)**  
CN, Zhejiang, SW of the Province

### CAMPANULACEAE

- 221 XX-0-BR-2006133283 *Adenophora khasiana* (Hook.f. & Thomson) Collett & Hemsl.
- 222 DE-0-BR-2010108162 *Adenophora liliifolia* (L.) A.DC.  
DE, Bayern, Isarmündung, Wehdorn
- 223 AT-0-BR-2011142931 *Campanula barbata* L.  
AT, Kärnten, Nockberge, Millstätter Alpe, Alexanderhütte SE,  
Gruber J.P., SEP 2010
- 224 XX-0-BERN-2006/751 *Campanula hofmannii* (Pant.) Greuter & Burdet
- 225 AT-0-BR-2010103011 *Campanula rapunculoides* L.  
AT, Salzburg, St. Wolfgang, Ried, Schlafbergbahn-Talstation,  
Leopoldinger W. & Rouschal E., AUG 2009
- 226 FR-0-BR-2009171508 *Campanula rapunculus* L.  
FR, Maine-et-Loire, Seiches sur le Loir, "Les Loges", 2008
- 227 FR-0-BR-2001108784 *Campanula trachelium* L.  
FR, Côte-d'Or, Lux, 2000
- 228 XX-0-BR-2000145252 *Downingia elegans* (Douglas) Torr. & A.Gray
- 229 XX-0-Z-19950404 *Jasione laevis* Lam.  
**threatened (BGCI)**
- 230 XX-0-BR-1996101463 *Lithotoma axillaris* (Lindl.) E.B.Knox
- 231 XX-0-BR-19861135 *Wahlenbergia lobelioides* (L.f.) Link

### CAPRIFOLIACEAE

- 232 FR-0-BR-19801738 *Cephalaria alpina* (L.) Roem. & Schult.  
**possibly threatened (BGCI)**  
FR, Jura
- 233 DE-0-BR-19801959 *Dipsacus fullonum* L.  
DE, Oldenburg
- 234 RO-0-BR-19822247 *Dipsacus laciniatus* L.  
RO, Com. Suletea

- 235 AT-0-BR-1999104019 *Dipsacus pilosus* L.  
possibly threatened (BGCI)  
AT, Oberösterreich, Alkoven N, Donau-Auen
- 236 IT-0-BR-1991202963 *Scabiosa atropurpurea* L.  
threatened (BGCI)  
IT, Sicilia, Palermo, Torre Normanna, Minissale P., 6 AUG 1990
- 237 CH-0-Z-20071263 *Scabiosa lucida* Vill.  
CH, Sankt Gallen, Alt St. Johann, Churfirsten, 10 OCT 2007
- 238 FR-0-BR-19781500 *Valeriana dentata* (L.) All.  
FR, Vienne, Orches
- 239 DE-0-BR-1992207723 *Valeriana locusta* L.  
DE, Sachsen-Anhalt, Hinsdorf

### CARYOPHYLLACEAE

- 240 BE-0-BR-19881334 *Dianthus armeria* L.  
BE, Liège, Esneux
- 241 HR-0-BR-1996107022 *Dianthus barbatus* L.  
DD  
HR, Zlatar, Ern H. 3641, 1979
- 242 XX-0-BR-1992126281 *Dianthus caryophyllus* L.  
DD
- 243 RO-0-BR-2002132136 *Dianthus giganteus* d'Urv.  
RO, Com. Baneasa, sat Roscani, Rezerv. Padurea Breana-Roscani, 12 JUN 1996
- 244 RU-0-BR-2014100825 *Dianthus oschtenicus* Galushko  
RU, Caucasus, Mt. Fischt.Oshten
- 245 FR-0-P-2012G372 *Paronychia argentea* Lam.  
FR, Pyrénées-Orientales, Le Barcares (66) La Grande Plage
- 246 CH-0-BR-19871597 *Silene chalcedonica* (L.) E.H.L.Krause  
CH, Vaud, Lausanne
- 247 SK-0-BR-19801859 *Silene coronaria* (L.) Clairv.  
possibly threatened (BGCI)  
SK
- 248 FR-0-BR-19781585 *Spergula arvensis* L.  
threatened (BGCI)  
FR, Pyrénées-Orientales
- 249 AT-0-BR-2009177164 *Spergularia rubra* (L.) J.Presl. & C.Presl.  
AT, Salzburg, Zell am See W, Schmittenhöhe, skiing area, Mayr A., AUG 2008
- 250 BE-0-BR-19822006 *Viscaria vulgaris* Bernh.  
BE, Liège, Aywaille

### CELASTRACEAE

- 251 JP-0-BR-1995114992 *Euonymus hamiltonianus* Wall.  
JP, Gunma Pref., Agatsuma-gun, Kitakaruizawa Town (North of Tokyo)

## CISTACEAE

- 252 BE-0-BR-19881337 *Helianthemum apenninum* (L.) Mill.  
threatened (BGCI) BE, Liège, Chokier

## CLEOMACEAE

- 253 US-0-BR-2008175236 *Cleomella serrulata* (Pursh) Roalson & J.C.Hall  
US, Colorado, Adams County: Rocky Mountain Arsenal

## COMMELINACEAE

- 254 XX-0-BR-19810175 *Commelina tuberosa* L.

## CORNACEAE

- 255 CA-0-BR-1992290373 *Cornus drummondii* C.A.Mey.  
CA, Ontario, Essex Co., S. Colchester Tp.

## CUCURBITACEAE

- 256 BE-0-BR-19901558 *Bryonia cretica* subsp. *dioica* (Jacq.) Tutin  
BE, Liège, Queue-du-Bois
- 257 XX-0-BR-2003103550 *Echinocystis lobata* (Michx.) Torr. & A.Gray

## CYPERACEAE

- 258 FR-0-BR-2001108885 *Carex vulpina* L.  
FR, Saône-et-Loire, Juif, 2000
- 259 XX-0-BR-19822298 *Cyperus congestus* Vahl

## EUPHORBIACEAE

- 260 XX-0-BR-20190854 *Euphorbia marginata* Pursh

## FABACEAE

- 261 AM-0-BR-19791641 *Astragalus glycyphyllos* L.  
AM, H.M.&S1155, 1974
- 262 DE-0-BR-2001170422 *Cytisus scoparius* (L.) Link  
DE, Sachsen, Erzgebirge: near Eibenstock, 2000
- 263 IT-0-BR-2001157183 *Cytisus scoparius* (L.) Link subsp. *scoparius*  
IT, Gran Sasso: presso il lago di Campotosto, Catonica C., Frizzi  
G. & Sebastiani G., 16 JUL 2000
- 264 GR-0-BR-19821066 *Galega officinalis* L.  
GR, Larissa, East Thessalia, Ossa Mountains, Raus T. & Royle E.  
5337
- 265 BE-0-BR-2000155053 *Genista tinctoria* L.  
possibly threatened (BGCI) BE, Namur, Nismes

- 266 IT-0-BR-19871817 *Lathyrus latifolius* L.  
IT, Siena, Lecceto, Casini S. & Romi F., 25 JUL 1986
- 267 BE-0-BR-19852575 *Medicago lupulina* L.  
BE, Vlaams-Brabant, Overijse, Witherendreef, Van der Veken L.  
013, 14 SEP 1985
- 268 BE-0-BR-19812632 *Melilotus albus* Medik.  
BE, Vlaams-Brabant, Grimbergen
- 269 BE-0-BR-19871701 *Melilotus altissimus* Thuill.  
BE, Liège, Amay
- 270 XX-0-BR-2002107682 *Piptanthus nepalensis* (Hook.) Sweet
- 271 XX-0-BR-20230095 *Sesbania punicea* (Cav.) Benth.
- 272 RU-0-BR-19802560 *Thermopsis lanceolata* R.Br.  
RU, Ussuri Region, Vardja T.
- 273 FR-0-BR-19802236 *Trifolium incarnatum* L.  
FR, Charente-Maritime
- 274 FR-0-BR-2008177357 *Trifolium pratense* L.  
FR, Côte d'Or, Thoisy-la-Berchère, 2007
- 275 PT-0-BR-1999160704 *Ulex minor* Roth  
PT, Estremadura, Sintra, MAY 1994
- 276 ES-0-BR-2001148594 *Vicia lens* (L.) Coss. & Germ.  
ES, Burgos, Olmillos de Sasamón, ca. 25 km SW Burgos,  
Melzheimer V., 1985

#### GENTIANACEAE

- 277 SK-0-BR-19801931 *Gentiana asclepiadea* L.  
SK, Slovenské Beskydy, Slaná voda
- 278 XX-0-BR-19802751 *Gentiana walujewii* Regel & Schmalh. subsp. *walujewii*

#### GERANIACEAE

- 279 FR-0-BR-1996108638 *Erodium ciconium* (L.) L'Hér.  
**threatened (BGCI)**  
FR, Vaucluse, Luberon
- 280 JP-0-BR-2001167792 *Geranium thunbergii* Siebold & Zucc.  
JP, Honshu, Saitama Pref., Arakawa-mura

#### HELIOTROPIACEAE

- 281 FR-0-BR-1996108739 *Heliotropium europaeum* L.  
**possibly threatened (BGCI)**  
FR, Charente-Maritime, Saint-Laurent-de-la-Prée

#### IRIDACEAE

- 282 BG-0-BR-2003111937 *Iris sintenisii* Janka  
BG, Ad Pontum. Prope pagum Primorsko (Tsarevo?), Petrova A.,  
2002
- 283 XX-0-BR-19713856 *Sisyrinchium convolutum* Nocca

- 284 CA-0-BR-2018130668 *Sisyrinchium montanum* Greene  
CA, Québec, MRC Le Rocher-Percé, Percé, route des Failles,  
Latitude: 483117N; Longitude: 0644701W, Coursol F., 22 AUG  
2017

### JUGLANDACEAE

- 285 XX-0-BR-1991122535 *Cyclocarya paliurus* (Batalin) Iljinsk.

### LAMIACEAE

- 286 FR-0-BR-19782012 *Horminum pyrenaicum* L.  
possibly threatened  
(BGCI) FR
- 287 ES-0-BR-19821978 *Nepeta cataria* L.  
ES, Catalonia, Albarca, Priorat
- 288 XX-0-BR-19580626 *Nepeta grandiflora* M.Bieb.
- 289 BE-0-BR-19840672 *Origanum vulgare* L.  
BE, Namur, Spy, rotshelling, Godaert E. & Peeters M.
- 290 IT-0-BR-1997114004 *Salvia sclarea* L.  
IT, Siena, Montarioso, Marchetti P., 6 AUG 1996
- 291 RO-0-BR-2010139080 *Salvia verticillata* L.  
threatened (BGCI) RO, Alba, Poiana Galdei, Constantinescu M. & Muncaciu S., 2009
- 292 GR-0-BR-2008180185 *Salvia viridis* L.  
GR, Crete, Lendas
- 293 IT-0-BR-2009156148 *Stachys heraclea* All.  
possibly threatened  
(BGCI) IT, L'Aquila, Valle Subequana (Abruzzo), 2008

### LILIACEAE

- 294 XX-0-BR-2015081636 *Fritillaria eduardii* A.Regel ex Regel var. *inodora*
- 295 XX-0-BR-19826013 *Fritillaria verticillata* Willd.  
possibly threatened  
(BGCI)
- 296 XX-0-BR-19630629 *Tulipa sylvestris* L. subsp. *sylvestris*  
threatened (BGCI)

### LOASACEAE

- 297 XX-0-BRAUN-7934514 *Nasa triphylla* (Juss.) Weigend
- 298 XX-0-ROST-2003-F-43 *Nasa triphylla* subsp. *papaverifolia* (Kunth) Weigend  
44

### MAGNOLIACEAE

- 299 CN-0-BR-19861556 *Magnolia cylindrica* E.H.Wilson  
VU CN, Zhejiang Prov., Chang-Hua Pref., 1985

## MALVACEAE

- 300 US-0-M-2012/0246 *Iliamna rivularis* (Douglas) Greene  
US, Wyoming, Teton Co., 74570.17
- 301 FR-0-BR-2010140902 *Malva arborea* (L.) Webb & Berthel.  
FR, Haute-Corse, Algajola, Latitude: 423636N; Longitude:  
0085217E, Hage K., 2009
- 302 BE-0-BR-19852583 *Malva sylvestris* L.  
BE, Antwerpen, Boechout, Heerbaan, Heylen J.
- 303 XX-0-BR-19762300 *Modiola caroliniana* (L.) G.Don
- 304 XX-0-BR-19851335 *Phymosia umbellata* (Cav.) Kearney

## MARTYNIACEAE

- 305 XX-0-BR-2017107724 *Proboscidea louisianica* (Mill.) Thell.  
**DD**

## MONTIACEAE

- 306 XX-0-BR-19821309 *Cistanthe grandiflora* (Lindl.) Schltldl.

## NYCTAGINACEAE

- 307 XX-0-BR-19831302 *Mirabilis nyctaginea* (Michx.) MacMill.

## ONAGRACEAE

- 308 FR-0-BR-2009168575 *Epilobium lanceolatum* Sebast. & Mauri  
**threatened (BGCI)**  
FR, Loire, Massif du Mont Pilat, Dutartre G., 2008
- 309 XX-0-BR-19781659 *Lopezia racemosa* Cav.
- 310 DE-0-HBG-2008-S-104 *Oenothera biennis* L.  
DE, Schleswig-Holstein, Herzogtum Lauenburg, Geesthacht,  
Elbinsel, Elbnähe, Bornemann P., Kleissenberg N., Reppel F.,  
Shirarend C. & Sruss V. 212, 15 OCT 2008
- 311 BE-0-BR-19891978 *Oenothera glazioviana* Micheli  
BE, West-Vlaanderen, Wenduine-stad, tegenover watertoren,  
Billiet F., Cnop R., Vanderborght T. & Vanhecke L. LV8714, 5 JUL  
1989
- 312 FR-0-LYJB-005889 *Oenothera rosea* L'Hér. ex Aiton  
FR, Pyrénées-Atlantiques, Itxassou

## PAPAVERACEAE

- 313 US-0-BR-19871844 *Capnoides sempervirens* (L.) Borkh.  
US, Michigan, Marquette Co.
- 314 XX-0-BR-2000114536 *Dicranostigma leptopodium* (Maxim.) Fedde

## PLANTAGINACEAE

- 315 TR-0-BR-19801236 *Antirrhinum majus* L. subsp. *majus*  
threatened (BGCI) TR, Efes
- 316 XX-0-BR-19772385 *Digitalis ferruginea* L.  
threatened (BGCI)
- 317 HU-0-BR-2008154119 *Digitalis lanata* Ehrh.  
HU, Veszprem, Tihany-Levendulas
- 318 BE-0-BR-19861952 *Digitalis lutea* L.  
BE, Namur, Nismes, Tienne Beumont, Godaert E., Heylen J. & Van der Veken L. 023, 27 AUG 1986
- 319 BE-0-BR-19780612 *Digitalis purpurea* L.  
BE, Liège, Hautes-Fagnes, Bütgenbach, Godaert E. & Heylen J.
- 320 XX-0-BR-19872185 *Digitalis thapsi* L.
- 321 FR-0-BR-19770276 *Erinus alpinus* L.  
FR, Parc Naturel des Pyrénées, Lammens E.
- 322 XX-0-BR-2000171625 *Linaria maroccana* Hook.f.
- 323 US-0-BR-2000169302 *Penstemon hirsutus* (L.) Willd.  
US, Michigan, Ingham Co., Southern Floodplain Forest, Biggie Munn Park Lansing, Latitude: 4240\_\_N; Longitude: 08431\_\_W, 98B309, 8 OCT 1998

## PLUMBAGINACEAE

- 324 FR-0-BR-1999128469 *Armeria maritima* (Mill.) Willd.  
FR, Manche, Gatteville, 1998
- 325 XX-0-BR-19842063 *Armeria pseudarmeria* (Murr.) Mansf.  
EN
- 326 BE-0-BR-19892063 *Limonium vulgare* Mill.  
threatened (BGCI) BE, West-Vlaanderen, Nieuwpoort, Staatsnatuurreservaat 'De Ijzermunding', Billiet F., Cnop R., Heylen J. & Vanhecke L. LV8753, 28 SEP 1989
- 327 XX-0-BR-19720331 *Plumbago caerulea* Kunth
- 328 XX-0-BR-19712418 *Psylliostachys suworowii* (Regel) Roshkova

## POACEAE

- 329 FR-0-BR-19811386 *Avena fatua* L.  
FR, Hérault
- 330 IT-0-BR-19871811 *Briza maxima* L.  
IT, Grosseto, Marina di Grosseto, Biondi G. & Romi F.
- 331 BE-0-BR-19780610 *Briza media* L.  
BE, Liège, Hautes-Fagnes, Bütgenbach, Godaert E. & Heylen J.
- 332 XX-0-BR-2002106975 *Bromus briziformis* Fisch. & C.A.Mey.
- 333 BE-0-BR-1992276431 *Bromus erectus* Huds.  
BE, Namur, Petigny, Tienne derrière l'église, Latitude: 500321N; Longitude: 0043141E, Billiet F., Champluvier D. & Vanderborght T. FB2453, 13 OCT 1992



- 334 DE-0-BR-2003134165 *Dactylis glomerata* subsp. *lobata* (Drejer) H.Lindb.  
DE, Bayern, N-Bayern, Unterfranken, Iphofen/Kitzingen,  
'Winterklause', nahe 'Bildeiche', Buschbom U. 02-14-Z-10, 18 SEP  
2002
- 335 BE-0-BR-19852368 *Echinochloa crus-galli* (L.) P.Beauv.  
BE, Vlaams-Brabant, Wolvertem, Klepperstraat, Godaert E. 019,  
18 AUG 1985
- 336 BE-0-BR-1991212158 *Festuca rubra* L.  
BE, West-Vlaanderen, Knokke-Heist, Het Zoute, natuureservaat  
'Het Zwin', Billiet F., Heylen J., Vanderborght T. & Vanhecke L.  
FB2281, 3 SEP 1991
- 337 DE-0-BR-2000112617 *Lolium arundinaceum* (Schreb.) Darbysh.  
DE, Hansestadt Hamburg, Bahrenfeld/Langenefelde,  
Schnackenburgallee, Güterbf. Langenefelde, Kuschel H. KU487, 16  
AUG 1998
- 338 IT-0-BR-1999135038 *Melica uniflora* Retz.  
IT, Grosseto, Villa Balbo/Punta Ala, Panti S. & Parricchi F., 24 JUN  
1998
- 339 AT-0-BR-2005114884 *Milium effusum* L.  
AT, Steiermark, Oststeirisches Hügelland, Graz, Leechwald S des  
Hilmteiches im Bereich des Landeskrankenhauses, Latitude:  
470989N; Longitude: 0154628E, Drescher A., JUL 2004
- 340 DE-0-BONN-14504 *Nardus stricta* L.  
DE, Nordrhein-Westfalen, Eifel, Sistiger Heide, Möselers B., 4 JUL  
1996
- 341 PT-0-BR-19822292 *Sporobolus indicus* (L.) R.Br.  
PT
- 342 RO-0-BR-2000116354 *Tragus racemosus* (L.) All.  
**threatened (BGCI)** RO, Distr. Constanta, Baneasa (Canaraua Fetii)

### POLYGONACEAE

- 343 BE-0-BR-19852349 *Persicaria lapathifolia* (L.) Delarbre subsp. *lapathifolia*  
BE, Vlaams-Brabant, Wolvertem, Godaert E. 008, 4 AUG 1985
- 344 BE-0-BR-19852350 *Persicaria maculosa* Gray  
BE, Vlaams-Brabant, Wolvertem, Klepperstraat, Godaert E. 016,  
18 AUG 1985
- 345 XX-0-HAL-1746 *Rumex spinosus* L.

### RANUNCULACEAE

- 346 CZ-0-BR-19802239 *Anemone sylvestris* L.  
**threatened (BGCI)** CZ, South Moravia
- 347 XX-0-BR-1992100417 *Pulsatilla halleri* subsp. *slavica* (G.Reuss) Zämelis
- 348 FR-0-BR-19830315 *Ranunculus minimus* (L.) E.H.L.Krause  
FR, Moselle, Boler (near Cattenom), Billiet F. 1769

### RESEDACEAE

- 349 BE-0-BR-19773086 *Reseda luteola* L.  
**threatened (BGCI)** BE, Namur, Yvoir, Godaert E.

## ROSACEAE

- 350 AR-0-BR-19891695 *Acaena ovalifolia* Ruiz & Pav.  
AR
- 351 XX-0-BR-19630338 *Alchemilla splendens* Christ
- 352 FR-0-BR-1995131160 *Aruncus dioicus* (Walter) Fernald  
FR, Ain, Gex, Lambinon J., 3 NOV 1995
- 353 XX-0-BR-2007133494 *Cotoneaster megalocarpus* Popov
- 354 XX-0-BR-2011105949 *Cotoneaster simonsii* Baker  
possibly threatened  
(BGCI)
- 355 IR-0-BR-19782664 *Crataegus ambigua* C.A.Mey. subsp. *ambigua*  
IR, NW Zagros, 15 km on road S. of Bonek to Marivon, Fliegner &  
Simmons F&S488, OCT 1977
- 356 TR-0-BR-19802309 *Crataegus meyeri* Pojark.  
DD  
TR, SW Anatolia
- 357 ES-0-BR-19861304 *Dryocallis rupestris* (L.) Soják  
threatened (BGCI)  
ES, León, Rio Salceda, Royle E. & Schiers C.
- 358 XX-0-BR-19822118 *Geum quellyon* Sweet
- 359 BE-0-BR-19850393 *Geum urbanum* L.  
BE, Vlaams-Brabant, Vilvoorde, Peeters M.
- 360 XX-0-BR-19821538 *Potentilla argyrophylla* Wall. ex Lehm.
- 361 IN-0-BR-19750451 *Potentilla atosanguinea* G.Lodd.  
IN, Garhwal, Vallée des Fleurs, Billiet F. & Léonard J. 6532
- 362 XX-0-BR-2012106261 *Potentilla kurdica* Boiss. & Hohen.
- 363 PK-0-BR-2008123807 *Potentilla nepalensis* Hook.  
PK, North-West Frontier, Kaghan Valley, Shogran
- 364 XX-0-BR-19841154 *Sorbus prattii* Hand.-Mazz. var. *prattii*

## RUBIACEAE

- 365 XX-0-DR-006719 *Asperula orientalis* Boiss. & Hohen.

## RUTACEAE

- 366 XX-0-BR-19751942 *Cneorum tricoccon* L.  
VU

## SALICACEAE

- 367 CN-0-BR-19811713 *Poliothyrsis sinensis* Hook.f.  
CN, South Zhejiang, Mountains Area

## SAPINDACEAE

- 368 TW-0-BR-2009138162 *Acer morrisonense* Hayata  
TW, Herhuanchi, 2007

## SCROPHULARIACEAE

- 369 XX-0-BR-19694426 *Hebenstretia dentata* L.  
370 XX-0-BR-19751484 *Nemesia floribunda* Lehm.  
371 IT-0-BR-2008168061 *Scrophularia nodosa* L.  
IT, L'Aquila, Gran Sasso, 9 JUL 2007  
372 FR-0-BR-2012125964 *Scrophularia oblongifolia* Loisel.  
possibly threatened  
(BGCI) FR, Saône-et-Loire, St Léger-sur-Dheune, Canal du Centre  
373 XX-0-BR-1993100123 *Verbascum blattaria* L.  
possibly threatened  
(BGCI)  
374 IT-0-BR-2008125524 *Verbascum chaixii* Vill.  
threatened (BGCI) IT, Trieste, Aurisina, Palma M., 10 OCT 2006  
375 FR-0-BR-19871443 *Verbascum nigrum* L.  
FR, Ille-et-Vilaine  
376 XX-0-BR-2009111284 *Verbascum wiedemannianum* Fisch. & C.A.Mey.  
377 XX-0-BR-2008127645 *Zaluzianskya capensis* (L.) Walp.

## SOLANACEAE

- 378 DE-0-BR-2002114554 *Atropa bella-donna* L.  
DE, Baden-Württemberg, Kreis Emmendingen, Jechtingen,  
Kuschel H., 23 AUG 2001  
379 XX-0-BR-19580808 *Mandragora officinarum* L.  
EN  
380 IT-0-BR-20190825 *Solanum dulcamara* L.  
IT, Fonti di S. Lucia, Ventasso (RE)

## THEACEAE

- 381 XX-0-BR-2002000679 *Stewartia rostrata* Spongberg  
DD

## THYMELAEACEAE

- 382 ES-0-BR-20220023 *Thymelaea passerina* (L.) Coss. & Germ.  
threatened (BGCI) ES, Lleida, Castillo de Tor

## TYPHACEAE

- 383 BE-0-BR-19780482 *Sparganium erectum* L.  
BE, West-Vlaanderen, Lissewege

## VIOLACEAE

- 384 XX-0-BR-2007114195 *Melicytus angustifolius* (R.Br. ex DC.) Garn.-Jones

### III. SEEDS COLLECTED FROM PLANTS GROWING NATURALLY IN THE GARDEN

#### AMARYLLIDACEAE

- 385 BE-0-BR-20230295 *Allium ursinum* L.  
BE, Meise Botanical Garden, park, Le Pajolec, S., 14 JUN 2023

#### APIACEAE

- 386 BE-0-BR-20240645 *Angelica sylvestris* L.  
BE, Meise Botanical Garden, park, Le Pajolec, S., SLP0024, 21  
AUG 2024

#### ARACEAE

- 387 BE-0-BR-20240572 *Arum maculatum* L.  
BE, Meise Botanical Garden, park, Le Pajolec, S., SLP0020, 18  
JUL 2024

#### ASTERACEAE

- 388 BE-0-BR-20240647 *Cirsium oleraceum* (L.) Scop.  
BE, Meise Botanical Garden, park, Le Pajolec, S., SLP0022, 21  
AUG 2024
- 389 BE-0-BR-20241124 *Eupatorium cannabinum* L.  
BE, Meise Botanical Garden, park, Le Pajolec, S., SLP0028, 19  
SEP 2024
- 390 BE-0-BR-20240648 *Pulicaria dysenterica* (L.) Bernh.  
possibly threatened  
(BGCI)  
BE, Meise Botanical Garden, park, Le Pajolec, S., SLP0021, 21  
AUG 2024

#### BRASSICACEAE

- 391 BE-0-BR-20240570 *Alliaria petiolata* (M.Bieb.) Cavara & Grande  
BE, Meise Botanical Garden, park, Le Pajolec, S., SLP0018, 18  
JUL 2024

#### CARYOPHYLLACEAE

- 392 BE-0-BR-20240469 *Silene flos-cuculi* (L.) Greuter & Burdet  
BE, Meise Botanical Garden, park, Le Pajolec, S., SLP0016, 24  
JUN 2024

#### FABACEAE

- 393 BE-0-BR-20240646 *Lotus pedunculatus* Cav.  
BE, Meise Botanical Garden, park, Le Pajolec, S., SLP0023, 21  
AUG 2024

## HYPERICACEAE

- 394 BE-0-BR-20241426 *Hypericum perforatum* L.  
BE, Meise Botanical Garden, park, Le Pajolec, S., SLP0029, 19  
SEP 2024
- 395 BE-0-BR-20241123 *Hypericum tetrapterum* Fr.  
BE, Meise Botanical Garden, park, Le Pajolec, S., SLP0027, 19  
SEP 2024

## JUNCACEAE

- 396 BE-0-BR-20240649 *Juncus effusus* L.  
BE, Meise Botanical Garden, park, Le Pajolec, S., SLP0025, 19  
SEP 2024

## ONAGRACEAE

- 397 BE-0-BR-20240650 *Circaea lutetiana* L.  
BE, Meise Botanical Garden, park, Le Pajolec, S., SLP0026, 19  
SEP 2024

## PRIMULACEAE

- 398 BE-0-BR-20230612 *Primula elatior* (L.) Hill  
BE, Meise Botanical Garden, park, Le Pajolec, S. SLP0015, 8  
JUN 2023

## RUBIACEAE

- 399 BE-0-BR-20240571 *Galium aparine* L.  
BE, Meise Botanical Garden, park, Le Pajolec, S. SLP0019, 18  
JUL 2024

## RUSCACEAE

- 400 BE-0-BR-20221930 *Polygonatum multiflorum* (L.) All.  
BE, Meise Botanical Garden, park, Le Pajolec, S., 19 AUG 2022

## IV. SPORES COLLECTED FROM CULTIVATED FERNS

### ASPLENIACEAE

- 401 XX-0-BR-20240270 *Deparia x tomitaroana* (Masam.) R.Sano  
**DD**

### ATHYRIACEAE

- 402 IN-0-BR-20240250 *Athyrium cuspidatum* (Bedd.) M.Kato  
IN, Khassan

## BLECHNACEAE

- 403 GF-0-BR-19830656 *Blechnum brasiliense* Desv.  
GF, Montsinéry, piste de Risque Tout, Billiet F. & Jadin B., 20 OCT 1983

## DRYOPTERIDACEAE

- 404 GF-0-BR-19810821 *Cyclodium meniscioides* (Willd.) C.Presl  
GF, Camp Caïman, Billiet F. & Jadin B. B010

## POLYPODIACEAE

- 405 PG-0-BR-2007026794 *Aglaomorpha novoguineensis* Brause  
PG, Roos M.C. 8385
- 406 GF-0-BR-19810886 *Campyloneurum acrocarpon* Fée  
GF, piste Paul Isnard, Billiet F. & Jadin B., 5 NOV 1981
- 407 XX-0-BR-20240718 *Davallia tyermannii* (T.Moore) H.J.Veitch
- 408 XX-0-BR-20240271 *Dictymia brownii* (Wikstr.) Copel.
- 409 PH-0-BR-2007027303 *Drynaria descensa* Copel.  
PH, Rödl
- 410 XX-0-BR-2014086677 *Lecanopteris celebica* Hennipman
- 411 XX-0-BR-2015078303 *Lecanopteris lomarioides* (Kunze ex Mett.) Copel.  
**threatened (BGCI)**
- 412 XX-0-BR-2017058113 *Lecanopteris mirabilis* (C.Chr.) Copel.
- 413 XX-0-BR-2015077794 *Lecanopteris pumila* Blume
- 414 PE-0-NCY-19803784W *Microgramma megalophylla* (Desv.) de la Sota  
PE, Loreto, Colonia, Pebas, Barrier, S.
- 415 GF-0-BR-19826077 *Microgramma percussa* (Cav.) de la Sota  
GF, Piste Paul Isnard, km 40, Billiet F. & Jadin B., 15 NOV 1982
- 416 GF-0-BR-19880053 *Niphidium crassifolium* (L.) Lellinger  
GF, piste Petit Saut, Billiet F. & Jadin B., 10 FEB 1988
- 417 XX-0-BR-20240408 *Pyrrosia hastata* (Thunb. ex Houtt.) Ching  
**threatened (BGCI)**
- 418 XX-0-BR-20240416 *Pyrrosia subfurfuracea* (Hook.) Ching

## PTERIDACEAE

- 419 GF-0-BR-2000032286 *Acrostichum aureum* L.  
GF, Montsinéry, Crique Patate, Billiet F. & Jadin B., 6 DEC 2000
- 420 CN-0-BR-20240293 *Pteris multifida* Poir.  
CN, Zhejiang, O. Ezavin

## TECTARIACEAE

- 421 XX-0-BR-20240420 *Tectaria coadunata* (Wall. ex Hook. & Grev.) C.Chr.



Steven DESSEIN  
Chief Executive Officer

Elke BELLEFROID  
Director of Living Collections and Domain

Marc REYNDERS  
Scientific Manager Indoor collections and Seed Bank

Karel DE GENDT  
Scientific Manager outdoor collections

Ann VAN DE VYVER  
Assistant Seed Bank Manager

Sarah LE PAJOLEC  
Seed Collection and Technical Management of the Seedbank

Liliane TYTENS, Naomi BOUSSON, Marc REYNDERS

Cover design

Cover picture: Inflorescence and details of mature fruits of *Scabiosa atropurpurea*,  
photography by Combes R. and Maarten Strack van Schijndel.



## Order Form – List of Seeds 2024

Send your request to: [seedlist@botanicgardenmeise.be](mailto:seedlist@botanicgardenmeise.be)

Or by regular mail to:

Meise Botanic Garden  
Nieuwelaan 38  
1860 Meise  
Belgium

DESIDERATA (max 20, please use item numbers)


Your address:

.....  
.....  
.....

**Important note:**

Non IPEN-members have to return the agreement on the next page signed by authorized staff, otherwise we cannot supply any material.

## Agreement on the supply of living plant material for non-commercial purposes leaving the International Plant Exchange Network

Against the background of the Convention on Biological Diversity (“CBD”) and the Nagoya Protocol on Access to Genetic Resources<sup>1</sup> and the Fair and Equitable Sharing of Benefits Arising from their Utilization to the Convention on Biological Diversity, Meise Botanic Garden is dedicated to promoting the conservation, sustainable use, and research of biological diversity. Meise Botanic Garden (the “supplier”) therefore expects its partners in acquiring, maintaining, and transferring plant material to always act in accordance with the CBD, the Nagoya Protocol and the Convention on the International Trade in Endangered Species (CITES).

1. The responsibility for legal handling of the plant material listed below passes on from the supplier to the recipient upon receipt of the material. In line with the Code of Conduct of the International Plant Exchange Network (IPEN), of which Meise Botanic Garden is a member, the following conditions apply to this material transfer: 1. The recipient may use the supplied plant material, progeny or derivatives only for noncommercial purposes such as scientific study, education and conservation. Should the recipient at a later date intend a commercial use or a transfer to third parties for commercial use, the country of origin’s prior informed consent (PIC) must be obtained in writing before the material is used or transferred.
2. The recipient is responsible for ensuring an equitable sharing of benefits in accordance with the CBD and the Nagoya Protocol.
3. The recipient must keep all information on the received plant material, including its origin (supplier, country of origin, year of collection) and the IPEN number, as well as the terms and conditions in a comprehensible manner.
4. In the event that scientific publications are produced based on the supplied plant material, the recipient is obliged to indicate in those publications the origin of the material (the supplying garden and, if known, the country of origin) as well as the IPEN number. The recipient shall send a copy of these publications to the supplier.
5. On request, the supplier will forward relevant information on this transfer of the plant material to the body charged with implementing the Nagoya Protocol<sup>2</sup>.
6. The recipient may transfer the received plant material, its progeny or derivatives only for non-commercial use to bona fide third parties. Such transfer to third parties must be under the terms and conditions of this agreement, including the obligation to keep, cite and transfer the IPEN number<sup>3</sup>. The recipient must document the transfer in a suitable manner.

I accept the above conditions.

Date, Signature Recipient's name, position and address, stamp

<sup>1</sup> According to the CBD "genetic resources" means genetic material of actual or potential value. This definition covers both living and not living 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.

<sup>2</sup> Usually the national focal point in the garden's home country

<sup>3</sup> The material always needs to be accompanied by its IPEN-number, containing the country of origin, a remark on existing restrictions of transfer and the Garden Code of the botanic garden that has introduced the plant material to the IPEN. If a restriction of transfer exists, that means the second element of the IPEN number = 1, the terms and conditions under which the material was acquired from the country of origin and other stakeholders must be specified.