



Meise Botanic Garden



LIST OF SEEDS 2023



MEISE BOTANIC GARDEN
NIEUWELAAN 38 - 1860 MEISE - BELGIUM
WWW.MEISEBOTANICGARDEN.BE

DATA ON MEISE BOTANIC GARDEN

Meise Botanic Garden (formerly *National Botanic Garden of Belgium*) contributes to botanical research especially in the field of systematics and related disciplines, maintains and manages well-documented collections of living and dried plants, gives information and education to a wide audience.

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

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

	J	F	M	A	M	J	J	A	S	O	N	D	Year
A	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	10.8	9.3	5	1	0	0	0	0	0	0.4	3.5	9.3	39.4
C	2.3	1.5	0.2	0	0	0	0	0	0	0	0.4	1.7	6.1
D	0	0	0	0.7	2.9	5.7	10.1	8	2.3	0.2	0	0	29.9
E	75.5	65.1	59.3	46.7	59.7	70.8	76.9	86.5	65.3	67.8	76.2	87.4	837.1mm

- 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

Meise Botanic Garden
Nieuwelaan 38
1860 Meise (Belgium)
tel + 32 (0)2 2600920
fax + 32 (0)2 2600945
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 (CBD, Rio de Janeiro, 1992), 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 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. We cannot provide phytosanitary certificates, please check your local regulations.

Meise Botanic Garden is a registered member of IPEN, the International Plant Exchange Network (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.

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:

166 BE-O-BR-1996126018 *Cynoglossum officinale* L.
BE, Liège, Eben-Emael, près de la réserve naturelle de Heyoul,
Latitude: 504709N; Longitude: 0053954E, Billiet F. & Vanhecke L.
FB2752, 17 JUL 1996

Item N° - IPEN number – Species name

Original wild collection data: country, province/state, site, collector + nr, collection date

Please enter 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.

The seeds are collected from open-pollinated plants cultivated outdoors (part I) or in the greenhouses (part II) in the Botanic Garden. Seeds proposed in part III are collected from plants growing in the wild. Seeds distributed have not been stored for more than 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.

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I. SEEDS COLLECTED FROM PLANTS CULTIVATED IN THE GREENHOUSES

ACANTHACEAE

- 1 XX-0-BR-19761911 *Barleria cristata* L.

AMARANTHACEAE

- 2 XX-0-BR-19611622 *Aerva sanguinolenta* (L.) Blume
3 XX-0-BR-19810269 *Pleuropetalum darwinii* Hook.f.

AMARYLLIDACEAE

- 4 XX-0-BR-19860012 *Chlidanthus fragrans* Herb.
5 XX-0-BR-2001127881 *Habranthus tubispathus* (L'Hér.) Traub
6 ES-0-BR-19792812 *Pancratium canariense* Ker-Gawl.
ES, Canary Is., Tenerife, El Terrero, El Realejo

ANACARDIACEAE

- 7 CL-0-BR-19852319 *Lithraea venenosa* Miers
Cl, Santiago

ANNONACEAE

- 8 XX-0-BR-19712349 *Polyalthia suberosa* (Roxb.) Thwaites

APOCYNACEAE

- 9 CU-0-FRP-22081 *Asclepias nivea* Forssk.
CU, Pinar del Rio, Sandino, richtung Mantua

ARACEAE

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

ARECACEAE

- 11 HT-0-BR-19351040 *Sabal domingensis* Becc.
HT, Monfils M.

ARISTOLOCHIACEAE

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

ASPARAGACEAE

- 13 CD-0-BR-19391183 *Chlorophytum alismifolium* Baker
CD, forêt de Lanneau, Louis J. 10859, 16 MAY 1939

ASPHODELACEAE

- 14 ZA-O-BR-2015094467 *Aloe buhrii* Lavranos
ZA, Cape Province, North of Calvinia, Saunders R.
- 15 KE-O-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
- 16 ZA-O-BR-20191846 *Gasteria carinata* (Mill.) Duval
ZA, SW of Swellendam, Vincent de Vries 1606
- 17 ZA-O-BR-20192022 *Gasteria pillansii* Kensit
ZA, Northern Cape, 10 km South of Kliprand, most northern point, Jaroslav
Ullman, 435
- 18 ZA-O-BR-20192028 *Gasteria pillansii* Kensit
ZA, Blaukrantz Pass, South of Calvinia, Jan Jecminek
- 19 XX-O-BR-2015094770 *Gonialoe variegata* (L.) Boatwr. & J.C.Manning
- 20 XX-O-BR-19084010 *Kumara plicatilis* (L.) Klopper & Gideon F.Sm.

ASTERACEAE

- 21 XX-O-BR-2004024646 *Haplopappus foliosus* DC.
- 22 XX-O-DR-006735 *Mutisia coccinea* A.St.-Hil.
- 23 AU-O-BR-2004123060 *Olearia lirata* (Sims) Hutch.
AU, Victoria, Gippsland, Fish Creek, Dividing Creek, Kuschel H., 28 NOV 2002
- 24 RE-O-BR-1992221564 *Psiadia retusa* DC.
RE
- 25 ZA-O-BR-2018602332 *Senecio muirii* Greenm.
ZA, Western Cape, Calitzdorp, Badspoort, PB3725
- 26 NA-O-BR-2018604049 *Senecio sulcicalyx* N.E.Br.
NA, Karas Region, Luderitz
- 27 XX-O-BR-19084350 *Senecio tropaeolifolius* O.Hoffm.
- 28 XX-O-BR-2007025279 *Stevia rebaudiana* (Bertoni) Bertoni

BEGONIACEAE

- 29 MX-O-BR-2007118037 *Begonia hirsuta* Aubl.
MX, Rodeo Reserve, Sénéchal B.
- 30 MQ-O-BR-2007118138 *Begonia hirtella* Link
MQ, Mome rouge, Bouquet E.
- 31 MG-O-LYJB-100651 *Begonia nosymangabensis* Scherber. & Duruiss.
MG, Nosy Mangabe, Laporte, H. 1998
- 32 XX-O-LYJB-070402 *Begonia rajah* Ridl. & Ridl.

BIGNONIACEAE

- 33 XX-O-BR-19514824 *Tecoma smithii* W.Watson

BROMELIACEAE

- 34 XX-0-BR-19500639 *Dyckia brevifolia* Baker
35 XX-0-BR-19500639 *Dyckia floribunda* Griseb.
36 BO-0-BR-2012115355 *Fosterella rusbyi* (Mez) L.B.Sm.
BO, 22.1km from Coripata on road to Chulumani, Puente de Coripata (Puente Villa), Kimnach & al. 2604
37 AR-0-LZ-K-21-2006 *Puya mirabilis* (Mez) L.B.Sm.
AR
38 XX-0-BR-19802537 *Tillandsia bartramii* Elliott
39 XX-0-BR-2003002510 *Tillandsia schiedeana* Steud.
40 XX-0-BR-19633907 *Vriesea platynema* Gaudich. var. *platynema*
41 XX-0-BR-19542259 *Vriesea splendens* (Brongn.) Lem.

CALCEOLARIACEAE

- 42 XX-0-BR-2005102962 *Calceolaria andina* Benth.

CAMPANULACEAE

- 43 XX-0-BR-20192355 *Lobelia fistulosa* Vell.
44 PT-0-MJG-199132160 *Musschia aurea* (L.) Dumort.
PT, Madeira, Küstenhang bei Garajau

CAPRIFOLIACEAE

- 45 ES-0-BR-2004105377 *Pterocephalus dumetorum* Coult.
ES, Canary Is., Tenerife

COMMELINACEAE

- 46 XX-0-BR-19512129 *Palisota bracteosa* C.B.Clarke
47 CD-0-BR-19871142 *Palisota schweinfurthii* C.B.Clarke
CD, Bas Congo, massif du Bangu, Billiet F. & Jadin B.

CONVOLVULACEAE

- 48 XX-0-BR-19762321 *Ipomoea purpurea* (L.) Roth

CRASSULACEAE

- 49 XX-0-BR-19614164 *Aeonium percarneum* (Murray) J.Pitard & L.Proust
50 ZA-0-BR-19800384 *Cotyledon paniculata* O.Fedtsch. & B.Fedtsch.
ZA
51 YE-0-BR-2014120629 *Kalanchoe bentii* Wright ex Hook.
YE, Hadramaut, Jol Berka
52 MG-0-BR-2003104257 *Kalanchoe lucile-allorgei* Rauh & Mangeldorf
MG, Bemaraha bei Antsalova, Mangelsdorff R. MAD450
53 YE-0-BR-2014121033 *Kalanchoe rotundifolia* (Haw.) Haw.

- YE, Socotra, Hajher Mts., above Aduno (Dhimelo) Pass, Lavranos J.J. & Smith A.R., 431
- 54 MG-O-BR-2018083582 *Kalanchoe synsepala* Baker
MG, Saronara
- CYCLANTHACEAE**
- 55 XX-O-BR-19870308 *Carludovica drudei* Mast.
- FABACEAE**
- 56 IR-O-BR-19821543 *Acacia farnesiana* (L.) Willd.
IR, Baluchestan
- 57 LK-O-BR-2015150344 *Codariocalyx motorius* (Houtt.) H. Ohashi
LK
- 58 IR-O-BR-1997117135 *Colutea buhsei* (Boiss.) Shapar.
IR, Tehran, Damavand to Firozkuh, road at Aru and Havar, 50km to Firozkuh
- 59 CO-O-BR-19811122 *Crotalaria nitens* Kunth
CO, between Huila and Cundinamarca Dept., Guadua, route de Ibague, Reubrecht G.
- 60 XX-O-BR-1998129874 *Glycine max* (L.) Merr.
- 61 XX-O-BR-19605034 *Leucaena trichodes* (Jacq.) Benth.
- 62 XX-O-BR-19074244 *Rhynchosia phaseoloides* (Sw.) DC.
- GERANIACEAE**
- 63 ZA-O-BR-2005114076 *Pelargonium worcesterae* R. Knuth
ZA, Eastern Cape, Cradock
- GESNERIACEAE**
- 64 XX-O-BR-19731480 *Rhytidophyllum tomentosum* Hort. Berol. ex Hanst.
- HAMAMELIDACEAE**
- 65 KE-O-BR-19800299 *Trichocladus ellipticus* Eckl. & Zeyh.
KE
- HELIOTROPIACEAE**
- 66 RE-O-BR-1992221867 *Tournefortia bojeri* A. DC.
RE
- HYPERICACEAE**
- 67 XX-O-BR-19585137 *Hypericum canariense* L.
- IRIDACEAE**
- 68 XX-O-BR-1992220554 *Orthrosanthus multiflorus* Sweet

LAMIACEAE

- 69 XX-0-BR-19084039 *Callicarpa cana* L.
70 XX-0-BR-2004113057 *Cedronella canariensis* (L.) Webb & Berthel.
71 MG-0-BR-2015041624 *Plectranthus angulatus* Hedge
MG

LYTHRACEAE

- 72 XX-0-BR-19080234 *Heimia montana* (Griseb.) Lillo
73 XX-0-BR-19080188 *Heimia myrtifolia* Cham. & Schlttdl.

MALVACEAE

- 74 CU-0-BR-1998136342 *Gossypium barbadense* L.
CU, Trinidad, Reubrecht G., APR 1998
75 XX-0-BR-10005405 *Hibiscus calyphyllus* Cav.
76 XX-0-BR-19750192 *Lagunaria patersonia* (Andrews) G. Don

MELIACEAE

- 77 XX-0-BR-1997123094 *Turraea heterophylla* Sm.

MUSACEAE

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

OCHNACEAE

- 79 XX-0-BR-19391995 *Ochna atropurpurea* DC.
80 XX-0-BR-19710646 *Ochna kirkii* Oliv.

PETIVERIACEAE

- 81 XX-0-BR-19392108 *Rivina humilis* L.

PICRAMNIACEAE

- 82 XX-0-BR-19514781 *Picramnia pentandra* Sw.

PLANTAGINACEAE

- 83 MX-0-B-3360485 *Asarina erubescens* (D. Don ex Sweet) Pennell
MX, Hidalgo, Jacala

PRIMULACEAE

- 84 XX-0-BR-19870430 *Lysimachia minoricensis* J.J. Rodr.
85 XX-0-BR-19612068 *Maesa argentea* C.B. Clarke

RANUNCULACEAE

- 86 ZA-0-BR-2004058901 *Knowltonia capensis* (L.) Huth
ZA

RESTIONACEAE

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

ROSACEAE

- 88 AR-0-BR-19891695 *Acaena ovalifolia* Ruiz & Pav.
AR

RUBIACEAE

- 89 CR-0-FRP-89-15925-2 *Chiococca alba* (L.) Hitchc.
CR, Kien M. MK88-16
- 90 DM-0-BONN-12096 *Hillia parasitica* Jacq.
- 91 XX-0-BR-19536779 *Psychotria kirkii* var. *tarambassica* (Bremek.) Verdc.
- 92 XX-0-BR-2002152647 *Psychotria punctata* Vatke
- 93 MG-0-FRP-23316 *Tarenna grevei* (Drake) Homolle
MG

RUSCACEAE

- 94 XX-0-BR-19480607 *Dracaena draco* (L.) L.
- 95 XX-0-BR-19073924 *Dracaena fragrans* (L.) Ker Gawl.
- 96 XX-0-BR-19780947 *Dracaena ombet* Heuglin ex Kotschy & Peyr.
- 97 CD-0-BR-19660394 *Sansevieria caulescens* N.E.Br.
CD, Lewalle J. 674
- 98 TZ-0-BR-2014092539 *Sansevieria ehrenbergii* Schweinf. ex Baker
TZ, Arusha, west side of Lake Natron

RUTACEAE

- 99 XX-0-BR-19110965 *Triphasia trifolia* (Burm.f.) P.Wilson

SAPINDACEAE

- 100 XX-0-BR-2012142536 *Dodonaea viscosa* Jacq.

SCROPHULARIACEAE

- 101 ZA-0-BR-2000024913 *Dermatobotrys saundersii* Bolus
ZA, Natal, Nogye Forest, KwaZulu
- 102 ZA-0-BERN-2010/386 *Teedia lucida* (Sol.) Rudolphi
ZA

SOLANACEAE

- 103 XX-O-BR-19682363 *Solanum abutiloides* (Griseb.) Bitter & Lillo
104 XX-O-BR-19771009 *Solanum aviculare* G.Forst.
105 TG-O-B-1271279 *Solanum macrocarpon* L.
TG, Savanes, Dapaong, Barrage de Tantiégou, cult., Scholz & Peuker 170

TALINACEAE

- 106 XX-O-BR-19392163 *Talinum paniculatum* (Jacq.) Gaertn.

THYMELAEACEAE

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

TOVARIACEAE

- 108 XX-O-DUSS-1348 *Tovaria pendula* Ruiz & Pav.

VITACEAE

- 109 XX-O-BR-19633825 *Cyphostemma cramerana* (Schinz) Desc.

ZINGIBERACEAE

- 110 XX-O-BR-2018146937 *Burbridgea stenantha* Ridl.
111 ID-O-BONN-4805 *Hedychium horsfieldii* R.Br. ex Wall.
ID, Sumatera West, zwischen Brastagi und Sidikalong, Koenen M., 9 FEB 1984

II. SEEDS COLLECTED FROM PLANTS CULTIVATED OUTDOORS

AGAVACEAE

- 112 XX-O-BR-2000184254 *Paradisea lusitanica* (Cout.) Samp.

ALLIACEAE

- 113 XX-O-BR-2012095248 *Allium carinatum* subsp. *pulchellum* Bonnier & Layens
114 XX-O-BR-2010168382 *Allium cyathophorum* Bureau & Franch.
115 SK-O-BR-2006111964 *Allium flavum* L.
SK, Malé Karpaty, Hôrka pri Plaveckom Mikulasi, 2005
116 XX-O-BR-2000021980 *Allium giganteum* Regel
117 FR-O-BR-19801799 *Allium sphaerocephalon* L.
FR, Jura, Mont Poupet

ALSTROEMERIACEAE

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

AMARANTHACEAE

119 BE-O-BR-19892046 *Beta vulgaris* subsp. *maritima* (L.) Arcang.
BE, West-Vlaanderen, Nieuwpoort, jachthaven, Latitude: 510829N; Longitude:
0024444E, Billiet F., Cnop R., Heylen J. & Vanhecke L. LV8660,FB2067, 28 SEP
1989

APIACEAE

120 BE-O-BR-19852436 *Aethusa cynapium* L. subsp. *cynapium*
BE, Brabant-Wallon, Limal, Billiet F. 2045

121 PT-O-BR-19872020 *Ammi majus* L.
PT, Coimbra

122 AT-O-BR-2009174841 *Astrantia major* L.
AT, Oberösterreich, St. Wolfgang ENE 4 km, Schwarzensee, Gramerhauseralm,
Gruber J.P., JUL 2008

123 FR-O-P-2017G009 *Caucalis platycarpos* L.
FR, Var, Plan d'Aups-St Baume, plaine de St Baume

124 FR-O-BR-19811146 *Conium maculatum* L.
FR, Charente

125 BE-O-BR-19773292 *Daucus carota* L. subsp. *carota*
BE, Vlaams-Brabant, Wolvertem, Godaert E.

126 BE-O-BR-19801986 *Foeniculum vulgare* Mill. subsp. *vulgare*
BE, Liège, Amay

127 SI-O-BR-2002122234 *Myrrhis odorata* (L.) Scop.
SI, Julijske Alpe, Vrata, Sommer S., 2001

128 BG-O-BR-19781290 *Oenanthe pimpinelloides* L.
BG

129 AT-O-BR-2008105316 *Selinum carvifolia* (L.) L.
AT, Salzburg, Mandling, Mandlinger Moor, Mayr A., SEP 2007

130 FR-O-BR-19881787 *Seseli libanotis* (L.) W.D.J.Koch
FR, Doubs, Boujailles

ASPARAGACEAE

131 HU-O-BR-2002152546 *Ornithogalum ponticum* Zahar.
HU, Baranya, Orfü (Mecsek mountains), 2000

ASPHODELACEAE

132 IT-O-BR-2007115310 *Asphodeline liburnica* (Scop.) Rchb.
IT, L'Aquila, Anverza degli Abruzzi, Gole del Sagittario, 2006

133 GR-O-STGAL-20394 *Asphodelus aestivus* Brot.
GR, Ionia, Corfu, Roda near Astakeri, Kuhn J., 29 SEP 2010

134 FR-O-BR-19801981 *Asphodelus albus* Mill.

- FR, Hérault, Lodève
 135 FR-O-BR-2005108925 *Asphodelus ramosus* L.
 FR, Vaucluse, Sérignan
- ASTERACEAE**
- 136 DE-O-BR-2001147483 *Achillea nobilis* L.
 DE, Hessen, Wetterau, Burgruine Münzenberg, Buttler K.P., Thumberger M. & Zenk G., 1986
- 137 DE-O-BR-19801489 *Anthemis nobilis* L.
 DE, Hessen
- 138 LU-O-BR-2003131337 *Arctium lappa* L.
 LU, Wormeldange, Ehnen, berge de la Moselle, Lambinon J., 25 AUG 2003
- 139 FR-O-BR-2009180602 *Arctium nemorosum* Lej.
 FR, Hautes-Alpes, Forêt de Boscodon, 2008
- 140 DE-O-BR-2017112673 *Arctium nemorosum* Lej.
 DE, Baden-Württemberg, Neuhausen ob Eck, 2016
- 141 FR-O-BR-1997105920 *Carduus crispus* L.
 FR, Jura, pont de Belmont, 13 AUG 1996
- 142 IT-O-BR-1999184043 *Cynara cardunculus* L.
 IT, Agrigento, Isole Pelagie, Lampedusa, JUN 1998
- 143 US-O-BR-2008115218 *Eupatorium perfoliatum* L.
 US, Michigan, Ingham County, private property near Williamston, Latitude: 4243_N; Longitude: 08418_W, 4 OCT 2007
- 144 CA-O-BR-2010117155 *Gaillardia aristata* Pursh
 CA, British Columbia, Barriere, Leamy B., 2009
- 145 IT-O-BR-19812161 *Gnaphalium luteoalbum* L.
 IT, Sicilia, Palermo, Vallone Mandarini-Madonie
- 146 US-O-BR-1996123590 *Grindelia integrifolia* DC.
 US, Washington, Island Co.
- 147 US-O-HBG-2007-S-125 *Grindelia squarrosa* (Pursh) Dunal
 US, North Dakota, Russo, Kleissenberg N. & Struss V. 46, 15 SEP 2007
- 148 PL-O-BR-20210741 *Hieracium aurantiacum* L.
 PL, Orlickie Mts., Zieleniec village
- 149 FR-O-BR-2001109087 *Hieracium lachenalii* C.C.Gmel.
 FR, Nièvre, Saint-Brisson, 2000
- 150 SK-O-BR-2009194443 *Inula conyzae* (Griess.) Meikle
 SK, Bratislava, Pernek - Drienova hora (Male Karpaty), 2008
- 151 RO-O-BR-19821789 *Inula ensifolia* L.
 RO, Fîratele Clujului, Distr. Cluj
- 152 HU-O-BR-2008171293 *Leontodon hispidus* L. var. *hispidus*
 HU, Komarom-Esztergom, Vertes Mts., near Gant, Kósa G., 2007
- 153 PT-O-BR-19802809 *Leontodon saxatilis* (Ten.) Rchb.
 PT, Coimbra
- 154 US-O-BR-1997109253 *Liatris spicata* (L.) Willd.
 US, Illinois, Cook County, 1996
- 155 BE-O-BR-19852407 *Pulicaria dysenterica* (L.) Bernh.

- 156 ES-O-BR-1998163725 BE, Vlaams-Brabant, Meise, Hollestraat, Godaert E. 042, 10 SEP 1985
Santolina rosmarinifolia L.
ES, Madrid, Colmenarejo
- 157 MX-O-BR-1993126088 *Sanvitalia procumbens* Lam.
MX, Oaxaca, Yagul, Leuenberger B. & Schiers C., LEU/SCH2544
- 158 DE-O-BR-1997115519 *Scorzonera hispanica* L.
DE, Hamburg, Billbrook, Mang F., 6 JUL 1995
- 159 BE-O-BR-19852409 *Senecio jacobaea* L.
BE, Vlaams-Brabant, Wommel, Amelgemlaan, Godaert E. 061, 16 SEP 1985
- 160 FR-O-BR-2016112866 *Senecio jacobaea* L.
FR, Ile-de-France, Paris, Bois de Vincennes, route de la Pyramide
- 161 FR-O-BR-2001106966 *Sonchus arvensis* L.
FR, Ille-et-Vilaine, Rennes, 4 SEP 2000
- 162 XX-O-BR-19761286 *Tragopogon porrifolius* L.
- 163 BE-O-BR-19872154 *Tragopogon pratensis* subsp. *minor* (Mill.) Hartm.
BE, Vlaams-Brabant, Vilvoorde, Cnop R. 001
- 164 US-O-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

BORAGINACEAE

- 165 BE-O-BR-19871672 *Anchusa officinalis* L.
BE, West-Vlaanderen, De Panne
- 166 BE-O-BR-1996126018 *Cynoglossum officinale* L.
BE, Liège, Eben-Emael, près de la réserve naturelle de Heyoul, Latitude: 504709N; Longitude: 0053954E, Billiet F. & Vanhecke L. FB2752, 17 JUL 1996
- 167 BE-O-BR-19861953 *Echium vulgare* L.
BE, Namur, Merlemont, Godaert E., Heylen J. & Van der Veken L. 026
- 168 XX-O-BR-19792083 *Lithospermum arvense* L.
- 169 BE-O-BR-19871696 *Lithospermum officinale* L.
BE, Liège, Comblain-au-Pont
- 170 IT-O-BR-2002110211 *Solenanthes apenninus* (L.) Fisch. & C.A.Mey.
IT, Marche region (south)

BRASSICACEAE

- 171 BE-O-BR-19852584 *Capsella bursa-pastoris* (L.) Medik.
BE, Vlaams-Brabant, Wolveterm, Klepperstraat, Godaert E. 071, 5 OCT 1985
- 172 BE-O-BR-19871679 *Cochlearia officinalis* L.
BE, Antwerpen, Lillo
- 173 BE-O-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
- 174 FR-O-BR-19781589 *Erucastrum gallicum* (Willd.) O.E.Schulz
FR, Doubs, Dannemarie-sur-Crête
- 175 CA-O-BR-19791706 *Hesperis matronalis* L.
CA, Vincent 8/10

- 176 BE-O-BR-19891967 *Hirschfeldia incana* (L.) Lagr.-Foss.
BE, West-Vlaanderen, Zeebrugge, uitmonding Leopoldkanaal, N. kustweg, Billiet F., Cnop R., Vanderborcht T. & Vanhecke L. LV8701, 29 AUG 1989
- 177 FR-O-BR-2002165478 *Isatis tinctoria* L.
FR, Alpes-de-Haute-Provence, Mallefougasse, Lambinon J., 11 JUL 2002
- 178 BE-O-BR-1992286434 *Sisymbrium austriacum* (Jord.) Rouy & Foucaud subsp. *austriacum*
BE, Namur, Marche-les-Dames, rive gauche, près du parking, Billiet F., Fabri R. & Vanderborcht T. RF1668, 2 JUL 1992

CAMPANULACEAE

- 179 DE-O-BR-2010108162 *Adenophora liliifolia* (L.) A.DC.
DE, Bayern, Isarmündung, Wehdorn
- 180 AT-O-BR-2011142931 *Campanula barbata* L.
AT, Kärnten, Nockberge, Millstätter Alpe, Alexanderhütte SE, Gruber J.P., SEP 2010
- 181 EE-O-BR-2009182016 *Campanula rapunculoides* L.
EE, Harju, Tallinn, Kloostrimetsa, arboretum (N Estonia), Raidma M., 3 OCT 2008
- 182 FR-O-BR-2009171508 *Campanula rapunculus* L.
FR, Maine-et-Loire, Seiches sur le Loir, "Les Loges", 2008
- 183 FR-O-BR-2001108784 *Campanula trachelium* L.
FR, Côte-d'Or, Lux, 2000
- 184 FR-O-BR-2001115959 *Campanula trachelium* L.
FR, Aube, Marnay sur Seine, 2000
- 185 XX-O-Z-19950404 *Jasione laevis* Lam.
- 186 CA-O-BR-19811898 *Lobelia inflata* L.
CA
- 187 US-O-BR-2010115135 *Lobelia siphilitica* L.
US, Michigan, Clinton Co., Burke Lake, Latitude: 424834N; Longitude: 0842313W, 15 OCT 2009

CAPRIFOLIACEAE

- 188 FR-O-BR-2000113122 *Centranthus ruber* (L.) DC.
FR, Loire-Atlantique, Arthon-en-Retz, 'Four à Chaux', 1998
- 189 FR-O-BR-19801738 *Cephalaria alpina* (L.) Schrad. ex Roem. & Schult.
FR, Jura
- 190 DE-O-BR-19801959 *Dipsacus fullonum* L.
DE, Oldenburg
- 191 RO-O-BR-19822247 *Dipsacus laciniatus* L.
RO, Com. Suletea
- 192 AT-O-BR-1999104019 *Dipsacus pilosus* L.
AT, Oberösterreich, Alkoven N, Donau-Auen
- 193 IT-O-BR-1991202963 *Scabiosa atropurpurea* L.
IT, Sicilia, Palermo, Torre Normanna, Minissale P., 6 AUG 1990
- 194 CH-O-Z-20071263 *Scabiosa lucida* W.T.Aiton
CH, Sankt Gallen, Alt St. Johann, Churfürsten, 10 OCT 2007

- 195 PL-O-BR-2000178796 *Scabiosa lucida* W.T.Aiton
PL, Tatra National Park, Dolina Smytnia, 27 SEPT 1999
- 196 FR-O-BR-19781500 *Valerianella dentata* (L.) Pollich
FR, Vienne, Orches
- 197 DE-O-BR-1992207723 *Valerianella locusta* (L.) Laterr.
DE, Sachsen-Anhalt, Hinsdorf

CARYOPHYLLACEAE

- 198 BE-O-BR-19881334 *Dianthus armeria* L.
BE, Liège, Esneux
- 199 HR-O-BR-1996107022 *Dianthus barbatus* L.
HR, Zlatar, Ern H. 3641, 1979
- 200 FR-O-BR-2005102558 *Dianthus carthusianorum* L.
FR, Calvados, Caen, Site Urbain "préservé" de la ville de Caen, 12 AUG 2004
- 201 RO-O-BR-2002132136 *Dianthus giganteus* d'Urv.
RO, Com. Baneasa, sat Roscani, Rezerv. Padurea Breana-Roscani, 12 JUN 1996
- 202 RU-O-BR-2014100825 *Dianthus oschtenicus* Galushko
RU, Caucasus, Mt. Fischt.Oshten
- 203 CH-O-BR-19871597 *Lychnis chalcedonica* L.
CH, Vaud, Lausanne
- 204 SK-O-BR-19801859 *Lychnis coronaria* (L.) Desr.
SK
- 205 BE-O-BR-19822006 *Lychnis viscaria* L.
BE, Liège, Aywaille
- 206 FR-O-P-2012G372 *Paronychia argentea* Lam.
FR, Pyrénées-Orientales, Le Barcares (66) La Grande Plage
- 207 FR-O-BR-19781585 *Spergula arvensis* L.
FR, Pyrénées-Orientales
- 208 AT-O-BR-2009177164 *Spergularia rubra* (L.) J.Presl. & C.Presl.
AT, Salzburg, Zell am See W, Schmittenhöhe, skiing area, Mayr A., AUG 2008

CLEOMACEAE

- 209 US-O-BR-2008175236 *Peritoma serrulata* (Pursh) DC.
US, Colorado, Adams County: Rocky Mountain Arsenal

CORIARIACEAE

- 210 XX-O-BR-19802248 *Coriaria japonica* A.Gray

CUCURBITACEAE

- 211 BE-O-BR-19901558 *Bryonia dioica* Jacq.
BE, Liège, Queue-du-Bois
- 212 GR-O-BR-1992204588 *Ecballium elaterium* (L.) A.Richard

GR, Crete, N-Crete, 1991

CUPRESSACEAE

- 213 XX-O-BR-19731610 *Cupressus lusitanica* Mill. var. *lusitanica*

CYPERACEAE

- 214 BE-O-BR-1994142568 *Carex pseudocyperus* L.
BE, Limburg, Genk, Provinciaal Domein van Bokrijk, Latitude: 505734N;
Longitude: 0052307E, Billiet F., Vanderborght T. & Vanhecke L. FB2629, 3
AUG 1994
- 215 FR-O-BR-2001108885 *Carex vulpina* L.
FR, Saône-et-Loire, Juif, 2000

EBENACEAE

- 216 XX-O-BR-2008127140 *Diospyros rhombifolia* Hemsl.

FABACEAE

- 217 AM-O-BR-19791641 *Astragalus glycyphyllos* L.
AM, H.M.&S1155, 1974
- 218 DE-O-BR-2001170422 *Cytisus scoparius* (L.) Link
DE, Sachsen, Erzgebirge: near Eibenstock, 2000
- 219 IT-O-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
- 220 GR-O-BR-19821066 *Galega officinalis* L.
GR, Larissa, East Thessalia, Ossa Mountains, Raus T. & Royle E. 5337
- 221 BE-O-BR-2000155053 *Genista tinctoria* L.
BE, Namur, Nismes
- 222 IT-O-BR-19871817 *Lathyrus latifolius* L.
IT, Siena, Lecceto, Casini S. & Romi F., 25 JUL 1986
- 223 ES-O-BR-2001148594 *Lens culinaris* Medik.
ES, Burgos, Omilllos de Sasamón, ca. 25 km SW Burgos, Melzheimer V., 1985
- 224 BE-O-BR-19852575 *Medicago lupulina* L.
BE, Vlaams-Brabant, Overijse, Witherendreef, Van der Veken L. 013, 14 SEP
1985
- 225 BE-O-BR-19812632 *Melilotus albus* Medik.
BE, Vlaams-Brabant, Grimbergen
- 226 BE-O-BR-19871701 *Melilotus altissimus* Thuill.
BE, Liège, Amay
- 227 XX-O-BR-2002107682 *Piptanthus nepalensis* (Hook.) Sweet
- 228 XX-O-BR-20230095 *Sesbania punicea* (Cav.) Benth.
- 229 RU-O-BR-19802560 *Thermopsis fabacea* (Pall.) DC.
RU, Ussuri Region, Vardja T.
- 230 FR-O-BR-19802236 *Trifolium incarnatum* L.
FR, Charente-Maritime

231 FR-O-BR-2008177357 *Trifolium pratense* L.
FR, Côte d'Or, Thoisy-la-Berchère, 2007

GENTIANACEAE

232 SK-O-BR-19801931 *Gentiana asclepiadea* L.
SK, Slovenské Beskydy, Slaná voda

GERANIACEAE

233 FR-O-BR-1996108638 *Erodium ciconium* (L.) L'Hér.
FR, Vaucluse, Luberon

HELIOTROPIACEAE

234 FR-O-BR-1996108739 *Heliotropium europaeum* L.
FR, Charente-Maritime, Saint-Laurent-de-la-Prée

HYPERICACEAE

235 CN-O-BR-19871760 *Hypericum patulum* Thunb.
CN

IRIDACEAE

236 XX-O-BR-2015083050 *Iris magnifica* F.O.Khass. & Rakhimova

237 XX-O-BR-19661362 *Iris sibirica* L.

238 BG-O-BR-2003111937 *Iris sintenisii* Janka

BG, Ad Pontum. Prope pagum Primorsko (Tsarevo?), Petrova A., 2002

239 CA-O-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

240 XX-O-BR-1991122535 *Cyclocarya paliurus* (Batal.) Iljinsk.

LAMIACEAE

241 ES-O-BR-19821978 *Nepeta cataria* L.

ES, Catalonia, Albarca, Priorat

242 BE-O-BR-19840672 *Origanum vulgare* L.

BE, Namur, Spy, rotshelling, Godaert E. & Peeters M.

243 XX-O-BR-19781936 *Phlomis tuberosa* L.

244 FR-O-BR-1999129075 *Prunella grandiflora* (L.) Scholler

FR, Calvados, Moulton

245 IT-O-BR-1997114004 *Salvia sclarea* L.

IT, Siena, Montarioso, Marchetti P., 6 AUG 1996

246 RO-O-BR-2010139080 *Salvia verticillata* L.

- 247 GR-O-BR-2008180185 RO, Alba, Poiana Galdei, Constantinescu M. & Muncaciu S., 2009
Salvia viridis L.
GR, Crete, Lendas
- 248 IT-O-BR-2009156148 *Stachys heraclea* All.
IT, L'Aquila, Valle Subequana (Abruzzo), 2008
- 249 BE-O-BR-19840680 *Teucrium scorodonia* L.
BE, Namur, Spy, Godaert E. & Peeters M.

LILIACEAE

- 250 XX-O-BR-2000147979 *Kniphofia pumila* (Aiton) Kunth
- 251 XX-O-BR-19630629 *Tulipa sylvestris* L. subsp. *sylvestris*

LOASACEAE

- 252 XX-O-BRAUN-7934514 *Loasa triphylla* Juss.

MALVACEAE

- 253 DE-O-HAL-1705_1 *Abutilon theophrasti* Medik.
DE, Brandenburg, Luckau, 2017
- 254 FR-O-BR-2003134872 *Althaea officinalis* L.
FR, Pas-de-Calais, Groffliers, Lambinon J., 11 OCT 2003
- 255 US-O-M-2012/0246 *Iliamna rivularis* (Douglas) Greene
US, Wyoming, Teton Co., 74570.17
- 256 FR-O-BR-2010140902 *Lavatera arborea* L.
FR, Haute-Corse, Algajola, Latitude: 423636N; Longitude: 0085217E, Hage K., 2009

MENISPERMACEAE

- 257 JP-O-BR-1993152360 *Cocculus trilobus* (Thunb.) DC.
JP, Nagano Pref., Suwa, Mt. Nyukasa

ONAGRACEAE

- 258 FR-O-BR-2009168575 *Epilobium lanceolatum* Sebast. & Mauri
FR, Loire, Massif du Mont Pilat, Dutartre G., 2008
- 259 AT-O-BR-2009176255 *Oenothera biennis* L.
AT, Salzburg, Urstein W, Salzach river, Gruber J.P., AUG 2008
- 260 DE-O-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
- 261 BE-O-BR-19891978 *Oenothera glazioviana* Micheli
BE, West-Vlaanderen, Wenduine-stad, tegenover watertoren, Billiet F., Cnop R., Vanderborgh T. & Vanhecke L. LV8714, 5 JUL 1989
- 262 FR-O-LYJB-005889 *Oenothera rosea* L'Hér. ex Aiton
FR, Pyrénées-Atlantiques, Itxassou

PAPAVERACEAE

- 263 US-O-BR-19871844 *Capnoides sempervirens* (L.) Borkh.
US, Michigan, Marquette Co.
- 264 XX-O-BR-2008169677 *Papaver nudicaule* L.
- 265 DE-O-BR-19792035 *Papaver somniferum* subsp. *setigerum* (DC.) Arcang.
DE, Oldenburg

PLANTAGINACEAE

- 266 TR-O-BR-19801236 *Antirrhinum majus* L. subsp. *majus*
TR, Efes
- 267 CA-O-BR-19881083 *Chelone glabra* L.
CA
- 268 XX-O-BR-19772385 *Digitalis ferruginea* L.
- 269 HU-O-BR-2008154119 *Digitalis lanata* Ehrh.
HU, Veszprem, Tihany-Levendulas
- 270 BE-O-BR-19861952 *Digitalis lutea* L.
BE, Namur, Nismes, Tienne Beumont, Godaert E., Heylen J. & Van der Veken L.
023, 27 AUG 1986
- 271 BE-O-BR-19780612 *Digitalis purpurea* L.
BE, Liège, Hautes-Fagnes, Bütgenbach, Godaert E. & Heylen J.
- 272 BE-O-BR-19790350 *Digitalis purpurea* L.
BE, Luxembourg, Neufchâteau, Borremans P. & Heylen J.
- 273 FR-O-BR-19770276 *Erinus alpinus* L.
FR, Parc Naturel des Pyrénées, Lammens E.
- 274 BE-O-BR-1993182066 *Globularia bisnagarica* L.
BE, Namur, Matagne-la-Grande, réserve communale 'Les Hurées', Latitude:
500634N; Longitude: 0043734E, Billiet F. & Delescaille L.M. FB2509, 7 JUL 1993
- 275 IT-O-BR-2002148203 *Globularia meridionalis* (Podp.) O.Schwarz
IT, l'Aquila, Rocca di Mezzo, 2001
- 276 XX-O-BR-2000171625 *Linaria maroccana* Hook.f.
- 277 PT-O-BR-19842209 *Linaria triornithophora* (L.) Willd.
PT
- 278 US-O-BR-2010169493 *Penstemon glaber* var. *brandegeei* (Porter) C.C.Freeman
US, Colorado, El Paso County, Baptist Road W of I-25, Kintgen M., 22 AUG
2009
- 279 US-O-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
- 280 BE-O-BR-19790206 *Plantago major* L.
BE, Vlaams-Brabant, Wolveterm, St. Brixius Rode, Peeters L.
- 281 AT-O-BR-2000207593 *Wulfenia carinthiaca* Jacq.
AT, Kärnten, Naßfeld
- 282 FR-O-BR-1999128469 *Armeria maritima* (Mill.) Willd.
FR, Manche, Gatteville, 1998
- 283 PT-O-BR-1993113257 *Armeria pseudarmeria* (Murr.) Mansf.

- 284 BE-O-BR-19892063 PT, Estremadura, Sintra (Cabo da Roca)
Limonium vulgare Mill.
 BE, West-Vlaanderen, Nieuwpoort, Staatsnatuurreservaat 'De Ijzermonding',
 Billiet F., Cnop R., Heylen J. & Vanhecke L. LV8753, 28 SEP 1989

POACEAE

- 285 BE-O-BR-1992173670 *Arrhenatherum elatius* (L.) P.Beauv. ex J.Presl & C.Presl subsp. *elatius*
 BE, Liège, Ombret
- 286 FR-O-BR-19811386 *Avena sterilis* L.
 FR, Hérault
- 287 IT-O-BR-19871811 *Briza maxima* L.
 IT, Grosseto, Marina di Grosseto, Biondi G. & Romi F.
- 288 BE-O-BR-19780610 *Briza media* L.
 BE, Liège, Hautes-Fagnes, Bütgenbach, Godaert E. & Heylen J.
- 289 BE-O-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
- 290 DE-O-BR-2003134165 *Dactylis polygama* Horv.
 DE, Bayern, N-Bayern, Unterfranken, Iphofen/Kitzingen, 'Winterklause', nahe
 'Bildeiche', Buschbom U. 02-14-Z-10, 18 SEP 2002
- 291 DK-O-BR-19782414 *Digitaria sanguinalis* (L.) Scop.
 DK, Lejre
- 292 BE-O-BR-19852368 *Echinochloa crus-galli* (L.) P.Beauv.
 BE, Vlaams-Brabant, Wolveterem, Klepperstraat, Godaert E. 019, 18 AUG 1985
- 293 DE-O-BR-2000112617 *Festuca arundinacea* Schreb.
 DE, Hansestadt Hamburg, Bahrenfeld/Langenhof, Schnackenburgallee,
 Güterbf. Langenhof, Kuschel H. KU487, 16 AUG 1998
- 294 BE-O-BR-1991212158 *Festuca rubra* L.
 BE, West-Vlaanderen, Knokke-Heist, Het Zoute, natuurreservaat 'Het Zwin',
 Billiet F., Heylen J., Vanderborght T. & Vanhecke L. FB2281, 3 SEP 1991
- 295 BE-O-BR-19791343 *Lolium multiflorum* Lam.
 BE, Brussels-Capital Region, Auderghem
- 296 IT-O-BR-1999135038 *Melica uniflora* Retz.
 IT, Grosseto, Villa Balbo/Punta Ala, Panti S. & Parricchi F., 24 JUN 1998
- 297 AT-O-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
- 298 DE-O-BONN-14504 *Nardus stricta* L.
 DE, Nordrhein-Westfalen, Eifel, Sistiger Heide, Mösel B., 4 JUL 1996
- 299 XX-O-BR-19722597 *Secale cereale* L.
- 300 XX-O-BR-19691503 *Sorghum bicolor* (L.) Moench
- 301 PT-O-BR-19822292 *Sporobolus indicus* (L.) R.Br.
 PT
- 302 RO-O-BR-2000116354 *Tragus racemosus* (L.) All.
 RO, Distr. Constanta, Baneasa (Canaraua Fetii)
- 303 XX-O-BR-19721145 *Triticum dicoccon* Schrank

- 304 XX-O-BR-2000147474 *Triticum spelta* L.
305 BE-O-BR-19871716 *Vulpia myuros* (L.) C.C.Gmel.
BE, Liège, Angleur

POLYGONACEAE

- 306 BE-O-BR-19852349 *Persicaria lapathifolia* (L.) Delarbre subsp. *lapathifolia*
BE, Vlaams-Brabant, Wolvertem, Godaert E. 008, 4 AUG 1985
307 BE-O-BR-19852350 *Persicaria maculosa* Gray
BE, Vlaams-Brabant, Wolvertem, Klepperstraat, Godaert E. 016, 18 AUG 1985

PRIMULACEAE

- 308 AT-O-BR-1992109511 *Primula veris* L.
AT, Salzburg, Werfen E, Umgebung des Bahnhofes Werfen

RANUNCULACEAE

- 309 CZ-O-BR-19802239 *Anemone sylvestris* L.
CZ, South Moravia
310 FR-O-BR-19830315 *Myosurus minimus* L.
FR, Moselle, Boler (near Cattenom), Billiet F. 1769
311 XX-O-BR-19723253 *Nigella damascena* L.

RESEDACEAE

- 312 BE-O-BR-19773086 *Reseda luteola* L.
BE, Namur, Yvoir, Godaert E.

ROSACEAE

- 313 FR-O-BR-1995131160 *Aruncus dioicus* (Walter) Fernald
FR, Ain, Gex, Lambinon J., 3 NOV 1995
314 IR-O-BR-19782664 *Crataegus atosanguinea* Pojark.
IR, NW Zagros, 15 km on road S. of Bonek to Marivon, Fliegner & Simmons
F&S488, OCT 1977
315 BE-O-BR-19850393 *Geum urbanum* L.
BE, Vlaams-Brabant, Vilvoorde, Peeters M.
316 IN-O-BR-19750451 *Potentilla atosanguinea* Lodd., G.Lodd. & W.Lodd.
IN, Garhwal, Vallée des Fleurs, Billiet F. & Léonard J. 6532
317 PK-O-BR-2008123807 *Potentilla nepalensis* Hook.
PK, North-West Frontier, Kaghan Valley, Shogran
318 ES-O-BR-19861304 *Potentilla rupestris* L.
ES, León, Rio Salceda, Royle E. & Schiers C.
319 RU-O-BR-19792020 *Sanguisorba officinalis* L.
RU, Siberia

SALICACEAE

320 XX-0-BR-2010116953 *Carrierea calycina* Franch.

SAXIFRAGACEAE

321 AT-0-BR-2009176861 *Saxifraga rotundifolia* L.
AT, Salzburg, St. Koloman, Wegscheid SE, Wilhelmskapelle W, Mayr A., JUL 2008

SCROPHULARIACEAE

322 IT-0-BR-2008168061 *Scrophularia nodosa* L.
IT, L'Aquila, Gran Sasso, 9 JUL 2007

323 FR-0-BR-2012125964 *Scrophularia umbrosa* Dumort.
FR, Saône-et-Loire, St Léger-sur-Dheune, Canal du Centre

324 IT-0-BR-2008125524 *Verbascum chaixii* Vill.
IT, Trieste, Aurisina, Palma M., 10 OCT 2006

325 BE-0-BR-1992287747 *Verbascum densiflorum* Bertol.
BE, Namur, Moniat, en face d'Anseremme, rive droite de la Meuse, Latitude: 501454N; Longitude: 0045411E, Champpluvier D. & Vanderborcht T. FB2420, 24 SEP 1992

326 FR-0-BR-19871443 *Verbascum nigrum* L.
FR, Ille-et-Vilaine

327 DE-0-BR-19811895 *Verbascum phlomoides* L.
DE, Hessen

328 BE-0-BR-19892082 *Verbascum thapsus* L.
BE, West-Vlaanderen, De Panne, Staatsnatuurreservaat 'De Westhoek', Billiet F., Cnop R., Heylen J. & Vanhecke L. FB2128, 10 OCT 1989

SOLANACEAE

329 DE-0-BR-2002114554 *Atropa bella-donna* L.
DE, Baden-Württemberg, Kreis Emmendingen, Jechtingen, Kuschel H., 23 AUG 2001

330 XX-0-BR-19580808 *Mandragora officinarum* L.

331 XX-0-BR-2002118089 *Nicotiana rustica* L.

332 XX-0-BR-19811635 *Petunia axillaris* (Lam.) Britton, Sterns & Poggenb.

333 IT-0-BR-20190825 *Solanum dulcamara* L.
IT, Fonti di S. Lucia, Ventasso (RE)

VIOLACEAE

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

III. SEEDS COLLECTED FROM PLANTS GROWING NATURALLY IN THE GARDEN

ALLIACEAE

335 BE-0-BR-20221929 *Allium ursinum* L.

BE, Meise Botanical Garden, park, Le Pajolec, S.

ARACEAE

- 336 BE-O-BR-20221621 *Arum maculatum* L.
BE, Meise Botanical Garden, park, Le Pajolec, S. SLP0013, 7 JUL 2022

BRASSICACEAE

- 337 BE-O-BR-20221605 *Alliaria petiolata* (M.Bieb.) Cavara & Grande
BE, Meise Botanical Garden, park, Le Pajolec, S. SLP0010, 4 JUL 2022

CARYOPHYLLACEAE

- 338 BE-O-BR-20210989 *Lychnis flos-cuculi* L.
BE, Meise Botanical Garden, park, Coeckelberghs Y. YC2021-4, 7 JUN 2021

FABACEAE

- 339 BE-O-BR-20211012 *Lotus pedunculatus* Cav.
BE, Meise Botanical Garden, park, 50.92797, 4.33069, Coeckelberghs Y. YC2021-11, 6 AUG 2021

LAMIACEAE

- 340 BE-O-BR-20211237 *Lycopus europaeus* L.
BE, Meise Botanical Garden, park, 50.927907, 4.330338, Coeckelberghs Y., 15 OCT 2021

ONAGRACEAE

- 341 BE-O-BR-20221931 *Circaea lutetiana* L.
BE, Meise Botanical Garden, park, Le Pajolec, S. SLP0014, 10 AUG 2022

PRIMULACEAE

- 342 BE-O-BR-20221620 *Primula elatior* (L.) Hill
BE, Vlaams-Brabant, Meise, Sarah Le Pajolec SLP0012, 6 JUL 2022
- 343 BE-O-BR-20230612 *Primula elatior* (L.) Hill
BE, Meise Botanical Garden, park, Le Pajolec, S. SLP00015, 8 JUN 2023

RUBIACEAE

- 344 BE-O-BR-20221928 *Galium aparinum* (L.) St.-Lag.
BE, Meise Botanical Garden, park, Le Pajolec, S., 15 JUL 2022

RUSCACEAE

- 345 BE-O-BR-20211209 *Polygonatum multiflorum* (L.) All.
BE, Meise Botanical Garden, park, 50.926040, 4.331884, Coeckelberghs Y. YC2021-32, 20 SEP 2021

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

IV. SPORES COLLECTED FROM CULTIVATED FERNS

DRYOPTERIDACEAE

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

POLYPODIACEAE

- 348 PG-O-BR-2007026794 *Aglaomorpha novoguineensis* Brause
PG, Roos M.C. 8385
- 349 XX-O-BR-2014086677 *Lecanopteris celebica* Hennipman
- 350 XX-O-BR-2015078303 *Lecanopteris lomarioides* (Kunze ex Mett.) Copel.
- 351 XX-O-BR-2017058113 *Lecanopteris mirabilis* (C.Chr.) Copel.
- 352 XX-O-BR-2015077794 *Lecanopteris pumila* Blume
- 353 PE-O-NCY-19803784W *Microgramma megalophylla* (Desv.) de la Sota
PE, Loreto, Colonia, Pebas, Barrier, S.
- 354 GF-O-BR-19826077 *Microgramma percussa* (Cav.) de la Sota
GF, Piste Paul Isnard, km 40, Billiet F. & Jadin B., 15 NOV 1982

Steven DESSEIN
Chief Executive Officer

Elke BELLEFROID
Director of Living Collections and Domain

Filip VANDELOOK
Director of Science

Marc Reynders
Scientific Manager Indoor collections and Seed Bank

Ann VAN DE VYVER
Assistant Seed Bank Manager

Sarah LE PAJOLEC, Nand VAN BELLE, Yannick COECKELBERGHS
Main Seed Collectors

Liliane TYTENS, Naomi BOUSSON
Cover design

Order Form – List of Seeds 2023

Send your request to: seedlist@botanicgardenmeise.be

Or by regular mail to:

Meise Botanic Garden
Nieuwelaan 38
1860 Meise
Belgium

DESIDERATA (please use item numbers)

We cannot provide phytosanitary certificates!

Your address:

.....

.....

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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 material¹ for non-commercial purposes leaving the International Plant Exchange Network

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 manner³.

I accept the above conditions.

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

¹ 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.

² Ideally, the national focal point in the garden's home country

³ 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.