

# **Index Seminarum 2021**

**Botanischer Garten der  
Johannes Gutenberg-Universität Mainz**

**Botanic Garden of the  
Johannes Gutenberg University Mainz  
Germany**

**Hortus Botanicus  
Universitatis Moguntinae**

**(MJG)**

**Der Botanische Garten der Johannes Gutenberg-Universität Mainz** dient in vielfacher Weise der Erlangung und Vermittlung von Wissen in der universitären Forschung, Lehre und Bildung. Er wurde 1946 gegründet. Auf einer Fläche von rund 9 ha (davon 2.500 m<sup>2</sup> unter Glas) werden etwa 8.000 Pflanzenarten, Varietäten und Sorten aus nahezu allen Regionen der Erde kultiviert. Neben seinen Hauptaufgaben in den Bereichen Forschung, Lehre und Weiterbildung widmet sich der Garten der Kultur bedrohter Pflanzen und bemüht sich, einen Beitrag zum Erhalt der biologischen Vielfalt zu leisten.

Durch seine Lage im milden Weinbauklima des Rhein-Main-Gebietes können im Botanischen Garten der Universität Mainz viele Pflanzen aus südlicheren Regionen ganzjährig im Freien kultiviert werden. Schwerpunkte der Sammlungen bilden die Gehölze der Nordhemisphäre, Kalthauspflanzen des Mittelmeergebietes, der Kanaren und Australiens sowie tropische und subtropische Nutzpflanzen. Von besonderer Bedeutung sind die Pflanzen des „Mainzer Sandes“, eines Naturschutzgebietes, dessen steppenartige Vegetation einzigartig in Mitteleuropa ist.

Der Botanische Garten der Johannes Gutenberg-Universität ist Mitglied des internationalen Pflanzentausch Netzwerkes **IPEN** (International Plant Exchange Network; <https://www.bgci.org/our-work/policy-and-advocacy/access-and-benefit-sharing/the-international-plant-exchange-network/>). Bei der Aufnahme, Bewahrung und Weitergabe von Pflanzenmaterial handelt der Garten stets im Geiste der CBD, der Konvention über den Handel mit bedrohten Arten (CITES) sowie unter Beachtung aller relevanten Konventionen und Gesetze zum Schutz der biologischen Vielfalt.

**The Botanic Garden of the Johannes Gutenberg University Mainz** contributes in many ways to the attainment and communication of knowledge in university research, teaching and education. The garden was established 1946. It covers an area of nearly 9 hectare (2500 m<sup>2</sup> under glass) and cultivates some 8000 plant species, varieties and cultivars from all over the world. Apart from its main responsibilities in research and education, the garden is involved in the cultivation of endangered plant species and endeavours to contribute to the conservation of the biological diversity.

The garden is located in the mild viniculture climate of the Rhein Main Area. Many sensitive plants from more southern regions can therefore be cultivated in the open all year through. In the collections, emphasis is placed on trees and shrubs of the northern hemisphere, plants from the Mediterranean, the Canary Islands, and Australia, and on tropical and subtropical crops. Of special importance are plants of the “Mainzer Sand”, a nature reserve with steppe-like vegetation unique to Central Europe.

The Botanic Garden of the Johannes Gutenberg-University is a registered member of **IPEN** (International Plant Exchange Network; <https://www.bgci.org/our-work/policy-and-advocacy/access-and-benefit-sharing/the-international-plant-exchange-network/>). With regard to the acquisition, maintenance and supply of plant material, the garden acts in a manner that is consistent to the letter and spirit of the Biodiversity 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.

# Index Seminum 2021

MJG

Botanischer Garten  
Johannes Gutenberg-Universität Mainz  
Germany

All seeds were collected 2019 and 2020 in the Botanic Garden

## Acanthaceae

1	<i>Acanthus hungaricus</i> (Borbás) Baen., (2019)	XX-0-MJG-190039700
2	<i>Acanthus mollis</i> L., (2020)	XX-0-MJG-190047770
3	<i>Schaueria calytricha</i> (Otto ex Hook.) Orb., (2020)	XX-0-MJG-190077250

## Actinidiaceae

4	<i>Actinidia arguta</i> (Siebold & Zucc.) Planch. ex Miq., (2019)	XX-0-MJG-195017230
5	<i>Actinidia chinensis</i> var. <i>deliciosa</i> (A.Chev.) A.Chev., (2020)	XX-0-MJG-195017260
6	<i>Actinidia kolomikta</i> (Maxim.) Maxim., (2020)	XX-0-MJG-197117250

## Aizoaceae

7	<i>Aethephyllum pinnatifidum</i> (L.f.) N.E.Br., (2019)	XX-0-MJG-190037320
8	<i>Aptenia cordifolia</i> (L.f.) N.E.Br., (2019)	XX-0-MJG-190064520
9	<i>Delosperma cooperi</i> (Hook.f.) L.Bolus, (2019)	XX-0-MJG-190037340
10	<i>Dorotheanthus gramineus</i> (Haw.) Schwantes, (2019)	XX-0-MJG-199704115
11	<i>Mesembryanthemum crystallinum</i> L., (2019)	XX-0-MJG-190037350

## Alismataceae

12	<i>Alisma lanceolatum</i> With., (2019)	XX-0-MJG-190023150
13	<i>Alisma plantago-aquatica</i> L., (2019)	XX-0-MJG-190020940

## Alstroemeriaceae

14	<i>Alstroemeria aurea</i> Graham, (2019)	XX-0-MJG-201308801
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## Amaranthaceae

15	<i>Amaranthus albus</i> L., (2019)	XX-0-MJG-190069180
16	<i>Amaranthus hypochondriacus</i> L., (2019)	XX-0-MJG-190069200
17	<i>Atriplex hortensis</i> L., (2019)	XX-0-MJG-190063200
18	<i>Atriplex rosea</i> L., (2019)	XX-0-MJG-190069240
19	<i>Bassia hyssopifolia</i> (Pall.) Kuntze, (2019)	XX-0-MJG-190066780
20	<i>Blitum bonus-henricus</i> (L.) C.A.Mey., (2019)	XX-0-MJG-190063190
21	<i>Celosia argentea</i> L., (2019)	XX-0-MJG-190037440
22	<i>Chenopodium vulvaria</i> L., (2019)	XX-0-MJG-190069230

- 23 *Corispermum pallasii*  
subsp. *membranaceum* (Bisch. ex Shnittspalm) Tzvelev, (2019) DE-0-MJG-200666250  
DEU: Rheinland-Pfalz, Mainz, Botanischer Garten der Johannes Gutenberg-  
Universität, 49,990925 | 8,240905.
- 24 *Gomphrena globosa* L., (2019) XX-0-MJG-190037470
- 25 *Gomphrena haageana* Klotzsch, (2019) XX-0-MJG-190037480
- 26 *Salsola tragus* L. subsp. *tragus*, (2019) DE-0-MJG-201508001  
DEU: Rheinland-Pfalz, Mainz, NSG Mainzer Sand, 50,011917 | 8,212023.  
2015-02-04. R. Omlor.

### Amaryllidaceae

- 27 *Allium angulosum* L., (2019) XX-0-MJG-190037360
- 28 *Allium stipitatum* Regel, (2020) XX-0-MJG-190076340
- 29 *Nothoscordum gracile* (Ait.) Stearn, (2019) XX-0-MJG-190037430

### Anacampserotaceae

- 30 *Anacampseros rufescens* (Haw.) Sweet, (2019) XX-0-MJG-190055620

### Apiaceae

- 31 *Angelica archangelica* L., (2019) XX-0-MJG-190058570
- 32 *Astrantia major* L., (2020) XX-0-MJG-190032730
- 33 *Bupleurum falcatum* L., (2019) DE-0-MJG-200609303  
DEU: Rheinland-Pfalz, Boppard, Bopparder Hamm, 50,245315 | 7,576838.  
2006. R. Omlor.
- 34 *Cervaria rivini* Gaertn., (2019) DE-0-MJG-200711602  
DEU: Rheinland-Pfalz, Landkreis Mainz-Bingen, Nackenheim, "Roter Hang",  
49,910621 | 8,34487. 2007-09-16. R. Omlor.
- 35 *Chaerophyllum aureum* L., (2019) XX-0-MJG-190065980
- 36 *Daucus carota* L., (2019) DE-0-MJG-201700434  
DEU: Rheinland-Pfalz, Mainz-Gonsenheim. A. Bernsee.
- 37 *Eryngium campestre* L., (2019) DE-0-MJG-201111304  
DEU: Rheinland-Pfalz, Mainz, NSG Mainzer Sand, 50,011917 | 8,212023.  
2011-09-01. R. Omlor.
- 38 *Eryngium maritimum* L., (2020) TR-0-MJG-200809602  
TUR: Mittelmeerküste zwischen Manavgat und Alanya, bei Avsallar.
- 39 *Ferula communis* L., (2019) XX-0-MJG-190064020
- 40 *Foeniculum vulgare* Mill., (2019) XX-0-MJG-190024180
- 41 *Heptaptera triquetra* (Vent.) Tutin, (2019) GR-0-B-2320101  
GRC: Peleponnes, Nomos Achaïas, N Pteri, 600m. Strid, 51405.
- 42 *Laser trilobum* (L.) Borkh., (2019) XX-0-MJG-190065970
- 43 *Laserpitium siler* L., (2020) XX-0-MJG-190036150
- 44 *Orlaya grandiflora* (L.) Hoffm., (2019) XX-0-MJG-190041610
- 45 *Peucedanum alsaticum* L., (2019) DE-0-MJG-197855400  
DEU: Rheinland-Pfalz, Bleichkopf, NO Jugenheim, MTB 6014, 230 m.  
1978-06-06. U. Hecker.
- 46 *Peucedanum oreoselinum* (L.) Moench, (2019) DE-0-MJG-198224210  
DEU: Rheinland-Pfalz, Mainz, NSG Mainzer Sand, 50,011917 | 8,212023.  
1982. U. Hecker.
- 47 *Seseli osseum* Crantz, (2019) HU-0-MJG-200907018  
HUN: Veszprém, near Pét village, NE of Lake Balaton, 100 - 500 m, 47,157155 |  
18,108044.
- 48 *Silaum besseri* (DC.) Grossh., (2019) XX-0-MJG-200402604
- 49 *Smyrnium olusatrum* L., (2019) XX-0-MJG-19950532G
- 50 *Todaroa aurea* Parl., (2019) XX-0-MJG-190032250
- 51 *Tordylium syriacum* L., (2019) XX-0-MJG-190045820

52	<i>Torilis nodosa</i> (L.) Gaertn., (2019)	XX-0-MJG-199800424
<b>Apocynaceae</b>		
53	<i>Amsonia tabernaemontana</i> Walter, (2019)	XX-0-MJG-190069380
54	<i>Asclepias incarnata</i> L. subsp. <i>incarnata</i> , (2019)	XX-0-MJG-200800201
55	<i>Gomphocarpus fruticosus</i> (L.) W.T.Aiton, (2019)	XX-0-MJG-200201802
56	<i>Orbea variegata</i> (L.) Haw., (2019)	XX-0-MJG-190072140
57	<i>Oxypetalum coeruleum</i> (D.Don ex Sweet) Decne., (2019)	XX-0-MJG-190063010
58	<i>Raphionacme flanagani</i> Schltr., (2019) ZAF: Transvaal, Zoekmeakaap.	ZA-0-MJG-200105713
59	<i>Vincetoxicum hirundinaria</i> Medik., (2020)	XX-0-MJG-190037520
60	<i>Vincetoxicum nigrum</i> (L.) Moench, (2019)	XX-0-MJG-190037530
<b>Araceae</b>		
61	<i>Anthurium bakeri</i> Hook.f., (2019)	XX-0-STUTZ-002453
62	<i>Orontium aquaticum</i> L., (2020)	XX-0-MJG-190063020
63	<i>Peltandra virginica</i> (L.) Schott, (2020)	XX-0-MJG-190023310
<b>Areceaceae</b>		
64	<i>Trachycarpus fortunei</i> (Hook.) H.Wendl., (2020)	XX-0-MJG-200507130
<b>Aristolochiaceae</b>		
65	<i>Aristolochia clematitis</i> L., (2019)	XX-0-MJG-190023010
<b>Asparagaceae</b>		
66	<i>Anthericum liliago</i> L., (2019)	XX-0-MJG-190067250
67	<i>Anthericum ramosum</i> L., (2019) DEU: Rheinland-Pfalz, Mainz, NSG Mainzer Sand, 50,011917   8,212023. 2007-09-11. R. Omlor & B. Mengel.	DE-0-MJG-200711403
68	<i>Anthericum ramosum</i> L., (2019)	XX-0-MJG-190037490
69	<i>Asparagus verticillatus</i> L., (2020)	XX-0-MJG-190040380
70	<i>Barnardia japonica</i> (Thunb.) Schult. & Schult.f., (2019)	XX-0-MJG-190068850
71	<i>Bellevalia romana</i> (L.) Sweet, (2019)	XX-0-MJG-190062500
72	<i>Brimeura amethystina</i> (L.) Chouard, (2019)	XX-0-MJG-190044670
73	<i>Camassia leichtlinii</i> (Baker) S.Watson, (2019)	XX-0-MJG-190050380
74	<i>Camassia quamash</i> (Pursh) Greene, (2019)	XX-0-MJG-190036230
75	<i>Convallaria majalis</i> L., (2019)	XX-0-MJG-190040330
76	<i>Danae racemosa</i> (L.) Moench, (2019)	XX-0-MJG-190015340
77	<i>Drimia maritima</i> (L.) Stearn, (2019)	XX-0-MJG-190032720
78	<i>Eucomis comosa</i> (Houtt.) Wehrh., (2019)	XX-0-MJG-199668840
79	<i>Hosta sieboldiana</i> (Hook.) Engl., (2019)	XX-0-MJG-190027500
80	<i>Hyacinthoides non-scripta</i> (L.) Chouard ex Rothm., (2019)	XX-0-MJG-190033520
81	<i>Leopoldia comosa</i> (L.) Parl., (2019)	XX-0-MJG-190022460
82	<i>Liriope spicata</i> Lour., (2019)	XX-0-MJG-190044190
83	<i>Maianthemum stellatum</i> Link, (2019)	XX-0-MJG-190038330
84	<i>Muscari armeniacum</i> H.J.Veitch, (2019)	XX-0-MJG-190022480
85	<i>Muscari latifolium</i> J.Kirk, (2019)	XX-0-MJG-200608504
86	<i>Ornithogalum candicans</i> (Baker) J.C.Manning & Goldblatt, (2019)	XX-0-MJG-200604207
87	<i>Polygonatum latifolium</i> (Jacq.) Desf., (2019)	XX-0-MJG-190038370
88	<i>Polygonatum multiflorum</i> (L.) All., (2019)	XX-0-MJG-190044200
89	<i>Polygonatum odoratum</i> (Mill.) Druce, (2019)	XX-0-MJG-190020660

90	<i>Pseudomuscari azureum</i> (Fenzl) Garbari & Greuter, (2019)	XX-0-MJG-200217004
91	<i>Ruscus aculeatus</i> L., (2019)	XX-0-MJG-190015350
92	<i>Yucca gloriosa</i> L. var. <i>gloriosa</i> , (2020)	XX-0-MJG-200001806

### Asphodelaceae

93	<i>Asphodeline liburnica</i> (Scop.) Rchb., (2019)	XX-0-MJG-190037540
94	<i>Asphodeline lutea</i> (L.) Rchb., (2019) BGR: Sumen, rocky slopes near village Madara.	BG-0-MJG-201108304
95	<i>Asphodeline lutea</i> (L.) Rchb., (2020)	XX-0-MJG-190033060
96	<i>Asphodelus fistulosus</i> L., (2019) ITA: Nord-Apulien, Gargano. 1997. M. Quint.	IT-0-MJG-199718212
97	<i>Bulbine semibarbata</i> (R.Br.) Haw., (2019)	XX-0-MJG-190067050
98	<i>Eremurus stenophyllus</i> (Boiss. & Buhse) Baker, (2019)	XX-0-MJG-190047500
99	<i>Gasteria nitida</i> (Salm-Dyck) Haw. var. <i>nitida</i> , (2019)	XX-0-MJG-190055630
100	<i>Hemerocallis middendorffii</i> Trautv. & C.A.Mey., (2019) RUS: Khabarovsk Krai, Sichote-Alin Mts, Udomi. 1989. BG Tartu.	RU-0-MJG-200205401
101	<i>Hemerocallis minor</i> Mill., (2019)	XX-0-MJG-190047510
102	<i>Kniphofia ensifolia</i> Baker, (2019)	XX-0-MJG-190073540
103	<i>Kniphofia ensifolia</i> Baker, (2019)	XX-0-MJG-199701622

### Asteraceae

104	<i>Achillea nobilis</i> L., (2019) DEU: Rheinland-Pfalz, Oberwesel, Oelsberg, Weinbergsbrachen, 50,121431   7,723603. 2006. R. Omlor.	DE-0-MJG-200606925
105	<i>Anacyclus pyrethrum</i> (L.) Link, (2019)	XX-0-MJG-199702104
106	<i>Arctium minus</i> (Hill) Bernh., (2019) CHE: Lax VS, 1100m.	CH-0-Z-20051568
107	<i>Arctotis venusta</i> Norl., (2019)	XX-0-Z-20020220
108	<i>Arnica chamissonis</i> Less., (2019)	XX-0-MJG-190066090
109	<i>Arnica longifolia</i> D.C.Eaton, (2020) USA: Washington, Olympic Mountains.	US-0-MJG-200902501
110	<i>Arnica longifolia</i> D.C.Eaton, (2019)	XX-0-MJG-200910002
111	<i>Artemisia campestris</i> L. subsp. <i>campestris</i> , (2019) DEU: Rheinland-Pfalz, Mainz, NSG Mainzer Sand, 50,011917   8,212023. 1982. U. Hecker.	DE-0-MJG-198224280
112	<i>Bidens ferulifolius</i> (Jacq.) Sweet, (2019)	XX-0-MJG-190046540
113	<i>Buphthalmum salicifolium</i> L., (2019)	XX-0-MJG-190031330
114	<i>Calendula arvensis</i> L., (2019)	XX-0-MJG-190041710
115	<i>Calendula officinalis</i> L., (2020)	XX-0-MJG-190050070
116	<i>Calendula suffruticosa</i> Vahl, (2019)	XX-0-MJG-190035240
117	<i>Centaurea benedicta</i> (L.) L., (2019)	XX-0-MJG-190046610
118	<i>Centaurea jacea</i> subsp. <i>angustifolia</i> (DC.) Gremlí, (2019) DEU: Rheinland-Pfalz, Bacharach, Orionsteig, Felsen nordwestlich der Stadt, 50,062043   7,765896. 2006-07-20. R. Omlor, B. Mengel.	DE-0-MJG-200606914
119	<i>Centaurea montana</i> L., (2020)	XX-0-MJG-200032890
120	<i>Centaurea orientalis</i> L., (2019) UKR: Vinnytsia, Kamianka river valley between villages Bolgan and Kukuly, Pischansky district, 48,14964   28,73485. 2010-07. U. Becker.	UA-0-MJG-201011216
121	<i>Centaurea scabiosa</i> L. subsp. <i>scabiosa</i> , (2019) DEU: Rheinland-Pfalz, Worms, südlich von Osthofen, 49,674044   8,319998. 2006-05-29. R. Omlor, B. Meyer & R. Schmitt.	DE-0-MJG-200613102
122	<i>Cichorium endivia</i> L., (2019)	XX-0-MJG-190058480
123	<i>Cichorium intybus</i> L., (2019)	XX-0-MJG-190050090
124	<i>Cirsium acaule</i> (L.) Scop., (2020)	XX-0-MJG-190032760

125	<i>Cota austriaca</i> (Jacq.) Sch.Bip., (2019)	XX-0-MJG-190058950
126	<i>Cota tinctoria</i> (L.) J.Gay, (2019) DEU: Rheinland-Pfalz, Oberwesel, Oelsberg, Weinbergsbrachen, 50,121431   7,723603. 2006-07-20. R. Omlor, B. Mengel.	DE-0-MJG-200606926
127	<i>Cotula coronopifolia</i> L., (2019)	XX-0-MJG-190023910
128	<i>Dahlia pinnata</i> Cav., (2019)	XX-0-MJG-190055330
129	<i>Doronicum austriacum</i> Jacq., (2020)	XX-0-TUEB-3639
130	<i>Gaillardia pulchella</i> Foug., (2019)	XX-0-MJG-190062700
131	<i>Galatella linosyris</i> (L.) Rchb.f., (2019) DEU: Rheinland-Pfalz, Landkreis Mainz-Bingen, Nackenheim, "Roter Hang", 49,910621   8,34487. 2007-09-17. R. Omlor.	DE-0-MJG-200711601
132	<i>Helenium aromaticum</i> (Hook.) L.H.Bailey, (2019)	XX-0-MJG-190046580
133	<i>Heterotheca pumila</i> (Greene) Semple, (2020) USA: Colorado, without locality, 12200 ft.	US-0-PRAZ-1999.01424
134	<i>Hieracium murorum</i> L., (2020)	XX-0-MJG-190035950
135	<i>Inula helenium</i> L., (2020)	XX-0-MJG-190034170
136	<i>Jacobaea alpina</i> (L.) Moench, (2020) CHE: St. Gallen, Alt St. Johann, Churfirsten, 1770 m. 2015-09-29.	CH-0-Z-20151080
137	<i>Jurinea alata</i> (Desf.) Cass., (2019)	XX-0-MJG-190025760
138	<i>Jurinea cyanoides</i> (L.) Rchb., (2019) DEU: Rheinland-Pfalz, Mainz, NSG Mainzer Sand, 50,011917   8,212023. 1982. U. Hecker.	DE-0-MJG-198224230
139	<i>Lactuca virosa</i> L., (2019)	XX-0-MJG-199804701
140	<i>Leibnitzia anandria</i> (L.) Nakai, (2019)	XX-0-MJG-190063510
141	<i>Liatris spicata</i> (L.) Willd., (2020)	XX-0-MJG-190035840
142	<i>Lonas annua</i> (L.) Vines & Druce, (2019)	XX-0-MJG-190046790
143	<i>Pentanema conyzae</i> (Griess.) D.Gut.Larr., Santos-Vicente, Anderb., E.Rico & M.M.Mart.Ort., (2019) DEU: Rheinland-Pfalz, Boppard, Bopparder Hamm, 50,245315   7,576838. 2006-10-05. R. Omlor & B. Mengel.	DE-0-MJG-200609306
144	<i>Pentanema ensifolium</i> (L.) D.Gut.Larr., Santos-Vicente, Anderb., E.Rico & M.M.Mart.Ort., (2019) UKR: Vinnytsia, Vilshanka river valley between villages Verkhnia Slobidka and Velyka Kisnytsia, Yampilsky district, 48,161505   28,513641. 2010-07. U. Becker.	UA-0-MJG-201011232
145	<i>Phagnalon rupestre</i> subsp. <i>illyricum</i> (H.Lindb.) Ginzb., (2020) ITA: Gargano, Nordküste. 1999. W. Licht.	IT-0-MJG-200510401
146	<i>Reichardia tingitana</i> (L.) Roth, (2019)	XX-0-MJG-190063650
147	<i>Rhagadiolus angulosus</i> (Jaub. & Spach) Kupicha, (2019)	XX-0-MJG-200115608
148	<i>Santolina chamaecyparissus</i> L., (2020)	XX-0-MJG-190001730
149	<i>Santolina rosmarinifolia</i> L., (2020)	XX-0-MJG-199201930
150	<i>Scolymus hispanicus</i> L., (2019)	XX-0-MJG-190043000
151	<i>Silybum marianum</i> (L.) Gaertn., (2019)	XX-0-MJG-190034330
152	<i>Tanacetum macrophyllum</i> (Waldst. & Kit.) Sch.Bip., (2020)	XX-0-MJG-190031270
153	<i>Tanacetum vulgare</i> L., (2020)	XX-0-MJG-190047970
154	<i>Tragopogon dubius</i> Scop., (2019) DEU: Rheinland-Pfalz, Bacharach, Weinbergsbrachen, 50,060831   7,765118. 2008-05-31. R. Omlor.	DE-0-MJG-200809001
155	<i>Uropappus lindleyi</i> (DC.) Nutt., (2019)	XX-0-MJG-190062750
156	<i>Xanthium strumarium</i> L., (2020) SVK: Košice, town of Kosice, Topolcianska Str., building site, 255 m, 48 42 13.60 N   21 13 28.96 E. 2017-09-11.	SK-0-MJG-201800210
157	<i>Zinnia violacea</i> Cav., (2019)	XX-0-MJG-190041300

## Balsaminaceae

158	<i>Impatiens scabrida</i> DC., (2020)	XX-0-MJG-190027880
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## Begoniaceae

159 *Begonia venosa* Skan ex Hook.f., (2019) XX-0-MJG-201009005

## Berberidaceae

160 *Jeffersonia diphylla* (L.) Pers., (2019) XX-0-MJG-190037740

161 *Nandina domestica* Thunb., (2020) XX-0-MJG-190019070

## Betulaceae

162 *Carpinus cordata* Blume, (2020) XX-0-MJG-198007180

163 *Carpinus orientalis* Mill., (2019) XX-0-MJG-195005030

## Bignoniaceae

164 *Eccremocarpus scaber* Ruiz & Pav., (2019) XX-0-MJG-199817850

165 *Incarvillea olgae* Regel, (2019) XX-0-MJG-199543190

## Boraginaceae

166 *Adelocaryum coelestinum* (Lindl.) Brand, (2019) XX-0-HAL-1400

167 *Anchusa arvensis* (L.) M.Bieb., (2019) XX-0-MJG-190069320

168 *Asperugo procumbens* L., (2019) XX-0-MJG-190069310

169 *Buglossoides arvensis* (L.) I.M.Johnst., (2019) XX-0-MJG-190037590

170 *Cerinth major* L., (2019) IT-0-MJG-199536610

ITA: Tuscany, San Giuliano Terme (Pisa), 30 - 150 m. 1994-04-01.

171 *Cerinth minor* L., (2019) XX-0-MJG-200001902

172 *Cynoglossum amabile* Stapf & J.R.Drumm., (2019) XX-0-MJG-201301501

173 *Cynoglossum creticum* Mill., (2020) XX-0-MJG-201302508

174 *Echium virescens* DC., (2019) XX-0-MJG-190032700

175 *Echium vulgare* L., (2019) XX-0-MJG-190047050

176 *Lappula squarrosa* (Retz.) Dumort., (2019) XX-0-MJG-190069300

177 *Lindelofia longiflora* (Benth.) Baill., (2019) XX-0-MJG-190066370

178 *Myosotis ramosissima* Rochel ex Schult., (2019) XX-0-MJG-190066790

179 *Onosma alborosea* Fisch. & C.A.Mey., (2019) XX-0-MJG-200612702

180 *Onosma arenaria* Waldst. & Kit., (2019) DE-0-MJG-198224260

DEU: Rheinland-Pfalz, Mainz, NSG Mainzer Sand, 50,011917 | 8,212023. 1982. U. Hecker.

181 *Pentaglottis sempervirens* (L.) Tausch ex L.H.Bailey, (2019) XX-0-MJG-200409315

182 *Phacelia viscida* Torr., (2019) XX-0-MJG-190044710

183 *Pontechium maculatum* (L.) Böhle & Hilger, (2019) RO-0-MJG-201111905

ROU: Cluj, Cluj-Napoca, Fanatele Clujului, 400 m, 46,838 | 23,621. 2011-07-24. U. Becker.

184 *Symphytum officinale* L. subsp. *officinale*, (2020) XX-0-MJG-190070700

185 *Symphytum orientale* L., (2019) XX-0-MJG-190063810

## Brassicaceae

186 *Aethionema arabicum* (L.) Andr.Ex.Dc., (2019) XX-0-MJG-190044240

187 *Aethionema armenum* Boiss., (2020) XX-0-MJG-201600046

188 *Aethionema saxatile* (L.) R.Br., (2019) XX-0-MJG-190062520

189 *Alyssoides utriculata* (L.) Medik., (2020) TR-0-MB-1981/1441

TUR: Kaz-Dag, Mt. Ida. 1978-07-01.

190 *Alyssum rostratum* Steven, (2019) UA-0-MJG-201011218

UKR: Vinnytsia, Kamianka river valley between villages Bolgan and Kukuly, Pischansky district, 48,14964 | 28,73485. 2010-07. U. Becker.



191	<i>Anastatica hierochuntica</i> L., (2019)	XX-0-MJG-200804202
192	<i>Arabis caucasica</i> Willd., (2019)	XX-0-MJG-190049440
193	<i>Arabis muralis</i> var. <i>rosea</i> (DC.) Thell., (2020)	XX-0-MJG-190041770
194	<i>Arabis soyeri</i> Reut. & A.Huet, (2019)	XX-0-MJG-200400716
195	<i>Barbarea vulgaris</i> R.Br., (2019)	XX-0-MJG-190069100
196	<i>Biscutella laevigata</i> L., (2019) DEU: Rheinland-Pfalz, Cochem an der Mosel, steiniger Abhang am Austieg zum Pinnerkreuz. 2007-10-06. R. Omlor.	DE-0-MJG-200713001
197	<i>Bunias orientalis</i> L., (2019)	XX-0-MJG-190044290
198	<i>Camelina alyssum</i> (Mill.) Thell., (2019)	XX-0-MJG-190055780
199	<i>Camelina sativa</i> (L.) Crantz, (2019)	XX-0-MJG-190069130
200	<i>Cardamine chenopodiifolia</i> Pers., (2020)	XX-0-MJG-190035600
201	<i>Chorispora tenella</i> (Pall.) DC., (2019)	XX-0-MJG-190044320
202	<i>Clypeola jonthlaspi</i> L., (2019)	XX-0-MJG-190044330
203	<i>Conringia orientalis</i> (L.) Dum., (2019)	XX-0-MJG-190041530
204	<i>Crambe hispanica</i> L., (2019)	XX-0-MJG-199666760
205	<i>Diplotaxis tenuifolia</i> (L.) DC., (2019)	XX-0-MJG-190062540
206	<i>Eruca vesicaria</i> subsp. <i>sativa</i> (Mill.) Thell., (2019)	XX-0-MJG-190044370
207	<i>Erucastrum gallicum</i> (Willd.) O.E.Schulz, (2019)	XX-0-MJG-190069140
208	<i>Erysimum crepidifolium</i> Rchb., (2019) DEU: Rheinland-Pfalz, Landkreis Bad-Kreuznach, Westseite des Lembergs bei Feilbingert, 49,785223   7,767368. 2008-07-03. R. Omlor & B. Mengel.	DE-0-MJG-200811509
209	<i>Fibigia clypeata</i> (L.) Medik., (2019)	XX-0-MJG-199902904
210	<i>Iberis sempervirens</i> L., (2019)	XX-0-MJG-190001850
211	<i>Isatis tinctoria</i> L., (2019) DEU: Rheinland-Pfalz, Bacharach, Mönchsrinne, Schieferhalde, 50,059064   7,751895. 2006-07-20. R. Omlor, B. Mengel.	DE-0-MJG-200606902
212	<i>Isatis tinctoria</i> L., (2019)	XX-0-MJG-190044400
213	<i>Lepidium coronopus</i> (L.) Al-Shehbaz, (2019)	XX-0-MJG-190044350
214	<i>Lepidium graminifolium</i> L., (2019) FRA: Brittany, Rennes, lieux pierreux. 2012-09-20.	FR-0-MJG-201300501
215	<i>Myagrum perfoliatum</i> L., (2019)	XX-0-MJG-190041590
216	<i>Neslia paniculata</i> (L.) Desv., (2019)	XX-0-MJG-199907605
217	<i>Pseudoturritis turrita</i> (L.) Al-Shehbaz, (2020)	XX-0-MJG-190043020
218	<i>Psychine stylosa</i> Desf., (2019)	XX-0-MJG-190048010
219	<i>Succowia balearica</i> (L.) Medik., (2019)	XX-0-MJG-190044440
220	<i>Thlaspi arvense</i> L., (2019)	XX-0-MJG-190044450

### Bromeliaceae

221	<i>Puya mirabilis</i> (Mez) L.B.Sm., (2019)	XX-0-MJG-199274230
222	<i>Puya mirabilis</i> (Mez) L.B.Sm., (2019)	XX-0-MJG-201007005

### Burseraceae

223	<i>Commiphora opobalsamum</i> (L.) Engl., (2020)	XX-0-MJG-198555580
224	<i>Commiphora saxicola</i> Engl., (2020)	XX-0-MJG-198455840

### Cactaceae

225	<i>Echinocactus grusonii</i> Hildm., (2020)	XX-0-MJG-190062910
226	<i>Gymnocalycium capillense</i> (Schick) Hosseus, (2019) ARG: San Luis Province, Villa Larca, 900 m. Piltz; no. 103b.	AR-0-MJG-200601911
227	<i>Gymnocalycium saglionis</i> (F.Cels) Britton & Rose, (2019)	XX-0-MJG-200506802
228	<i>Lophophora williamsii</i> (Lem. ex Salm-Dyck) J.M.Coult., (2019)	XX-0-MJG-199810903

229	<i>Opuntia engelmannii</i> Salm-Dyck ex Engelm. var. <i>engelmannii</i> , (2020)	XX-0-MJG-190027600
230	<i>Opuntia phaeacantha</i> Engelm. 'Longispina', (2020)	XX-0-MJG-190027590
231	<i>Rhipsalis baccifera</i> (Sol.) Stearn, (2019)	XX-0-MJG-190025260

### Calceolariaceae

232	<i>Calceolaria tripartita</i> Ruiz & Pav., (2019)	XX-0-MJG-190047010
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### Calycanthaceae

233	<i>Calycanthus chinensis</i> (W.C.Cheng & S.Y.Chang) P.T.Li, (2019)	XX-0-MJG-200605316
234	<i>Calycanthus chinensis</i> (W.C.Cheng & S.Y.Chang) P.T.Li, (2020)	XX-0-MJG-199209100
235	<i>Chimonanthus praecox</i> (L.) Link, (2019)	XX-0-MJG-199240900

### Campanulaceae

236	<i>Campanula cervicaria</i> L., (2020) DEU: Rheinland-Pfalz, Mainz, Ober-Olmer Wald. 2017.	DE-0-MJG-201900062
237	<i>Campanula lactiflora</i> M.Bieb., (2020) GEO: Mtskheta-Mtianeti, Tuscheti, south of Torgva-Abano-Pass, 1322 m, 42 13 19.20 N   45 28 34.40 E.	GE-0-M-2012/2484
238	<i>Campanula persicifolia</i> L., (2020)	XX-0-MJG-190050080
239	<i>Campanula sibirica</i> L., (2019) UKR: Vinnytsia, near Mohyliv-Podilskyy town, Ozarynetska mountain between Nemyia i Derlo river, 48,467352   27,792256. 2010-07. U.Becker.	UA-0-MJG-201011240
240	<i>Codonopsis clematidea</i> (Fisch. & C.A.Mey.) C.B.Clarke, (2019) KAZ: Akzu; Dzabagaly Reserve.	KZ-0-MJG-200504811
241	<i>Phyteuma orbiculare</i> L., (2019)	XX-0-MJG-200703118

### Cannabaceae

242	<i>Humulus lupulus</i> L., (2020)	XX-0-MJG-190058580
243	<i>Humulus scandens</i> (Lour.) Merr., (2019)	XX-0-MJG-190040390

### Cannaceae

244	<i>Canna flaccida</i> Salisb., (2019)	XX-0-MJG-190038750
245	<i>Canna indica</i> L., (2020)	XX-0-MJG-190055890

### Capparaceae

246	<i>Capparidastrum frondosum</i> (Jacq.) Cornejo & Iltis, (2021)	XX-0-MJG-190038310
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### Caprifoliaceae

247	<i>Centranthus ruber</i> (L.) DC., (2019)	XX-0-MJG-190041290
248	<i>Dipsacus pilosus</i> L., (2020) DEU: Rheinland-Pfalz, Altrip, 49,437434   8,46739. 2019-05-15. A. Schönhofer.	DE-0-MJG-201900218
249	<i>Fedia cornucopiae</i> (L.) Gaertn., (2020)	XX-0-MJG-190063440
250	<i>Lomelosia graminifolia</i> (L.) Greuter & Burdet, (2020)	XX-0-MJG-190046500
251	<i>Lonicera japonica</i> Thunb., (2020)	XX-0-MJG-195017870
252	<i>Lonicera nigra</i> L., (2020)	XX-0-MJG-190033480
253	<i>Scabiosa atropurpurea</i> L., (2019) ITA: Sicily, Palermo, Torre Normanna. 1996.	IT-0-MJG-199715507
254	<i>Scabiosa canescens</i> Waldst. & Kit., (2019) DEU: Rheinland-Pfalz, Mainz, NSG Mainzer Sand, 50,011917   8,212023. 1995-10-06. U. Hecker; no. 01-08-95-10.	DE-0-MJG-199527730
255	<i>Succisa pratensis</i> Moench, (2020)	XX-0-MJG-190035960

256 Valeriana officinalis L., (2019) XX-0-MJG-200215901

### Caryophyllaceae

- 257 Agrostemma githago L., (2019) XX-0-MJG-190041440  
258 Agrostemma gracilis L., (2019) XX-0-MJG-190037620  
259 Cerastium alpinum L. subsp. alpinum, (2020) SE-0-MJG-200306404  
SWE: Torne Lappmark, Luopakte, 2002.  
260 Dianthus carthusianorum L., (2020) XX-0-MJG-190031300  
261 Dianthus gratianopolitanus Vill., (2019) DE-0-MJG-200714401  
DEU: Rheinland-Pfalz, Altenahr. 2006-07-20. W. Licht.  
262 Gypsophila fastigiata L., (2019) DE-0-MJG-198224300  
DEU: Rheinland-Pfalz, Mainz, NSG Mainzer Sand, 50,011917 | 8,212023.  
1982. U. Hecker.  
263 Moenchia mantica (L.) Bartl., (2019) XX-0-MJG-190043980  
264 Paronychia canadensis (L.) Wood, (2019) XX-0-MJG-190050610  
265 Paronychia kapela (Hacq.) A.Kern., (2019) XX-0-MJG-190063130  
266 Petrocoptis glaucifolia (Lag.) Boiss., (2019) XX-0-MJG-199704135  
267 Saponaria caespitosa DC., (2020) XX-0-MJG-199641420  
268 Saponaria cerastioides Fisch. ex C.A.Mey., (2019) XX-0-MJG-190044010  
269 Scleranthus perennis L., (2019) DE-0-MJG-200710710  
DEU: Rheinland-Pfalz, Gangelsberg bei Duchroth an der Nahe, 49,788939 | 7,739954.  
270 Silene baccifera Roth, (2019) DE-0-MJG-201111404  
DEU: Rheinland-Pfalz, Kreis Alzey-Worms, Hamm-am-Rhein, nahe Altrheinarm.  
2011-09-02. B. Mengel.  
271 Silene chalcedonica (L.) E.Krause, (2019) XX-0-MJG-190038260  
272 Silene chlorantha (Willd.) Ehrh., (2020) XX-0-MJG-190034270  
273 Silene latifolia subsp. alba (Mill.) Greuter & Burdet, (2019) XX-0-MJG-190043950  
274 Silene linicola C.C.Gmel., (2019) XX-0-MJG-190055770  
275 Silene noctiflora L., (2019) XX-0-MJG-190041310  
276 Silene nutans L., (2020) DK-0-MJG-200710904  
DNK: Ostjütland, Ostseite der Halbinsel Helgenes, Kiesstrand. 2007-08-10. R. Omlor.  
277 Vaccaria hispanica (Mill.) Rauschert, (2019) XX-0-MJG-190041690  
278 Viscaria vulgaris Röhl., (2019) DE-0-MJG-200606922  
DEU: Rheinland-Pfalz, Oberwesel, Oelsberg, Weinbergsbrachen, 50,121431 |  
7,723603. 2006-07-20. R. Omlor & B. Mengel.

### Celastraceae

- 279 Celastrus angulatus Maxim., (2020) XX-0-MJG-195017390  
280 Euonymus alatus (Thunb.) Siebold, (2019) XX-0-MJG-195006610  
281 Euonymus fortunei var. vegetus (Rehder) Rehder, (2020) XX-0-MJG-190017384  
282 Euonymus japonicus Thunb., (2020) XX-0-MJG-197407050  
283 Euonymus macropterus Ruprecht, (2019) XX-0-MJG-198008790

### Cistaceae

- 284 Cistus × incanus L., (2020) XX-0-MJG-190001480  
285 Cistus laurifolius L., (2020) XX-0-MJG-195019350  
286 Fumana procumbens (Dunal) Gren. & Godr., (2019) DE-0-MJG-200710018  
DEU: Rheinland-Pfalz, Mainz, NSG Mainzer Sand, 50,011917 | 8,212023.  
2007-07-23. R. Omlor & B. Mengel.  
287 Fumana procumbens (Dunal) Gren. & Godr., (2019) HU-0-MJG-200812513  
HUN: Bács-Kiskun, Bugaci National Parc, 46° 39' N | 19° 36' E.  
2008-07-18. R. Omlor & M. Höhn.  
288 Fumana procumbens (Dunal) Gren. & Godr., (2020) XX-0-MJG-199539260

289	<i>Helianthemum apenninum</i> (L.) Mill., (2019)	XX-0-MJG-190000760
290	<i>Helianthemum ovatum</i> (Viv.) Dunal, (2019) DEU: Rheinland-Pfalz, Mainz, NSG Mainzer Sand, 50,011917   8,212023. 1982. U. Hecker.	DE-0-MJG-198224310
291	<i>Helianthemum violaceum</i> (Cav.) Pers., (2020) ESP: Desviacion a la Sierra del Segura.	ES-0-BERN-1989/333
292	<i>Tuberaria guttata</i> (L.) Fourn., (2019) FRA: Aquitaine, Landes, Gargolle, westl. von Mézos, 44,073465   -1,184893. 2014. S. Wenneis.	FR-0-MJG-201412408

### Cleomaceae

293	<i>Cleome gynandra</i> L., (2019)	XX-0-MJG-190069090
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### Commelinaceae

294	<i>Commelina communis</i> L., (2019)	XX-0-MJG-200612503
295	<i>Commelina dianthifolia</i> Delile, (2019)	XX-0-MJG-200104001
296	<i>Commelina tuberosa</i> L. 'Coelestis Grp.', (2019)	XX-0-MJG-190044120
297	<i>Palisota bracteosa</i> C.B.Clarke, (2019)	XX-0-MJG-190027200
298	<i>Palisota bracteosa</i> C.B.Clarke, (2021)	XX-0-MJG-190027200
299	<i>Tinantia erecta</i> (Jacq.) Schltdl., (2019)	XX-0-MJG-190034080
300	<i>Tradescantia ohiensis</i> Raf., (2019)	XX-0-MJG-199716205

### Convolvulaceae

301	<i>Argyreia nervosa</i> (Burm.f.) Bojer, (2020)	XX-0-MJG-200303402
302	<i>Ipomoea corymbosa</i> (L.) Roth, (2021)	XX-0-MJG-200208625
303	<i>Ipomoea lobata</i> (Cerv.) Thell., (2019)	XX-0-MJG-190027810
304	<i>Merremia dissecta</i> (Jacq.) Hallier f., (2020)	XX-0-MJG-200700903

### Cornaceae

305	<i>Cornus capitata</i> Wall., (2020)	XX-0-MJG-201311309
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### Crassulaceae

306	<i>Aeonium simsii</i> (Sweet) Stearn, (2019)	XX-0-MJG-190070080
307	<i>Petrosedum rupestre</i> (L.) P.V.Heath, (2019)	XX-0-MJG-190047340
308	<i>Phedimus aizoon</i> (L.) 't Hart, (2019)	XX-0-MJG-190044230
309	<i>Phedimus spurius</i> (M.Bieb.) 't Hart, (2019) GEO: Mtskheta-Mtianeti, südlich von Passanauri, nahe der Heerstraße M3 (Tbilissi - Wladikawkas), 1000 m, 42,343701   44,694958. 2011-06-23. U. Hecker.	GE-0-MJG-201411102
310	<i>Rosularia sempervivum</i> (M.Bieb.) A.Berger subsp. <i>sempervivum</i> , (2019)	XX-0-ER-2006-46
311	<i>Sedum sexangulare</i> L., (2019)	XX-0-MJG-190047310

### Cucurbitaceae

312	<i>Benincasa hispida</i> (Thunb.) Cogn., (2019)	XX-0-MJG-190050660
313	<i>Citrullus colocynthis</i> (L.) Schrad., (2020)	XX-0-MJG-190046740
314	<i>Corallocarpus boehmii</i> (Cogn.) C.Jeffrey, (2020)	XX-0-MJG-190054470
315	<i>Cucumis metuliferus</i> E.Mey. ex Naudin, (2019)	XX-0-MJG-190054220
316	<i>Cucumis myriocarpus</i> Naudin, (2019)	XX-0-MJG-199807205
317	<i>Cucurbita ficifolia</i> Bouché, (2019)	XX-0-MJG-190054440
318	<i>Ecballium elaterium</i> (L.) A.Rich. subsp. <i>elaterium</i> , (2020)	XX-0-MJG-190037260
319	<i>Lagenaria siceraria</i> (Molina) Standl., (2019)	XX-0-MJG-190054360
320	<i>Luffa cylindrica</i> (L.) M.Roem., (2019)	XX-0-MJG-190054390

321	<i>Momordica balsamina</i> L., (2019)	XX-0-MJG-190054460
322	<i>Momordica charantia</i> L., (2019)	XX-0-MJG-190054610
323	<i>Trichosanthes cucumeria</i> var. <i>anguina</i> (L.) Haines, (2019)	XX-0-MJG-190054530

### Cupressaceae

324	<i>Cupressus sempervirens</i> L., (2019)	XX-0-MJG-195017010
325	<i>Juniperus communis</i> L., (2019) DEU: Baden-Württemberg, Landkreis Reutlingen, Schwäbische Alp, weißer Jura (Kalk), 750 m.	DE-0-MJG-200604509
326	<i>Juniperus rigida</i> var. <i>conferta</i> (Parl.) Patschke, (2020)	XX-0-MJG-197019030

### Cyperaceae

327	<i>Bolboschoenus maritimus</i> (L.) Palla, (2019)	XX-0-MJG-190023200
328	<i>Carex alba</i> Scop., (2019)	XX-0-MJG-190044460
329	<i>Carex aurea</i> Nutt., (2019)	XX-0-MJG-200700208
330	<i>Carex bohemica</i> Schreb., (2019)	XX-0-MJG-190043150
331	<i>Carex capitata</i> Sol., (2019)	XX-0-MJG-199644470
332	<i>Carex caryophylla</i> Latourr., (2019)	XX-0-MJG-199537270
333	<i>Carex cespitosa</i> L., (2019)	XX-0-MJG-190067130
334	<i>Carex chordorrhiza</i> L.f., (2019)	XX-0-MJG-190067140
335	<i>Carex davalliana</i> Sm., (2019)	XX-0-MJG-190044480
336	<i>Carex echinata</i> Murray, (2019) DNK: Jütland, Nordjyllands Amt, Jammerbucht, NE Fjerritslev, Silikat, 2007.	DK-0-B-0440903
337	<i>Carex elongata</i> L., (2019)	XX-0-MJG-190067170
338	<i>Carex flacca</i> Schreb., (2020)	XX-0-MJG-190036260
339	<i>Carex hordeistichos</i> Vill., (2019)	XX-0-MJG-190067190
340	<i>Carex muricata</i> L.Agg., (2019)	XX-0-MJG-199537280
341	<i>Carex ovalis</i> Good., (2019)	XX-0-MJG-199711402
342	<i>Carex pendula</i> Huds., (2020)	XX-0-MJG-190020120
343	<i>Carex sparganioides</i> Muhl. ex Willd., (2019)	XX-0-MJG-190020540
344	<i>Carex tomentosa</i> L., (2019)	XX-0-MJG-199710602
345	<i>Cladium mariscus</i> (L.) Pohl, (2020) DEU: Rheinland-Pfalz, Nackenheim, "Nagelwiese", 49,927798   8,337711.	DE-0-MJG-201700508
346	<i>Cladium mariscus</i> (L.) Pohl, (2019)	XX-0-MJG-190044530
347	<i>Cyperus fuscus</i> L., (2020)	XX-0-MJG-190076200
348	<i>Eleocharis palustris</i> (L.) Roem. & Schult., (2019)	XX-0-MJG-190044540
349	<i>Isolepis prolifera</i> (Rottb.) R.Br., (2020)	XX-0-MJG-190023190
350	<i>Schoenoplectus tabernaemontani</i> (C.C.Gmel.) Palla, (2020)	XX-0-MJG-190035360
351	<i>Schoenoplectus tabernaemontani</i> (C.C.Gmel.) Palla, (2019)	XX-0-MJG-190044550
352	<i>Schoenoplectus triqueter</i> (L.) Palla, (2020)	XX-0-MJG-190055810
353	<i>Schoenus nigricans</i> L., (2019)	XX-0-MJG-190044560
354	<i>Scirpus sylvaticus</i> L., (2019)	XX-0-MJG-190038100
355	<i>Trichophorum alpinum</i> (L.) Pers., (2019) AUT: Vorarlberg, Riefensberg, Hochhädrich, Parkplatz nahe Skihotel, 1300 m. 2011-06-24. B. Mengel.	AT-0-MJG-201112104

### Dioscoreaceae

356	<i>Dioscorea caucasica</i> Lipsky, (2020)	XX-0-MJG-190066340
357	<i>Dioscorea communis</i> (L.) Caddick & Wilkin, (2020)	XX-0-MJG-195040520
358	<i>Dioscorea villosa</i> L., (2019) USA: North Carolina, without locality.	US-0-MJG-200906703
359	<i>Tacca chantrieri</i> André, (2019)	XX-0-MJG-200130280

## Elaeagnaceae

360 *Hippophae rhamnoides* L., (2020) XX-0-MJG-195000270

## Ericaceae

361 *Arbutus unedo* L., (2020) IT-0-MJG-201110004  
ITA: Tuscany, Nähe Cortona, Waldrand am Convento delle Celle, Monte Sant Egidio.  
2007-10. S.Gand.

362 *Arbutus unedo* L., (2020) XX-0-MJG-199318100

363 *Chamaedaphne calyculata* (L.) Moench, (2020) XX-0-MJG-197913740

364 *Erica australis* L., (2019) XX-0-MJG-201410910

365 *Erica spiculifolia* Salisb., (2019) XX-0-MJG-190001470

366 *Erica vagans* L., (2019) ES-0-MJG-201410906  
ESP: Coruna, Cedeira, Uzal Capelada. 1998-09-20. J. Fagundez.

367 *Gaultheria shallon* Pursh, (2020) XX-0-MJG-190013950

368 *Leucothoe fontanesiana* (Steud.) Sleumer, (2020) XX-0-MJG-196813750

369 *Lyonia ligustrina* (L.) DC., (2020) XX-0-MJG-197113480

370 *Vaccinium vitis-idaea* L., (2020) XX-0-MJG-198617720

371 *Zenobia pulverulenta* (W.Bartram ex Willd.) Pollard, (2020) XX-0-MJG-198614550

## Eucommiaceae

372 *Eucommia ulmoides* Oliv., (2019) XX-0-MJG-195010880

## Euphorbiaceae

373 *Euphorbia characias*  
subsp. *wulfenii* (Hoppe ex W.D.J.Koch) Radcl.-Sm., (2020) XX-0-MJG-190033490

374 *Euphorbia epithymoides* L., (2020) XX-0-MJG-190050460

375 *Euphorbia heterophylla* L., (2019) XX-0-MJG-190044570

376 *Euphorbia peplus* L., (2019) IT-0-MJG-200211102  
ITA: Siena, Porta Tufi, campo incolto, 300 m, 2001.

377 *Euphorbia pithyusa* L., (2020) XX-0-MJG-190063990

378 *Ricinus communis* L., (2020) XX-0-MJG-190044600

## Eupteleaceae

379 *Euptelea pleiosperma* Hook.f. & Thomson, (2020) XX-0-MJG-195017110

## Fabaceae

380 *Abrus precatorius* L., (2020) XX-0-MJG-190029280

381 *Anthyllis vulneraria* L., (2019) XX-0-MJG-190047080

382 *Arachis hypogaea* L., (2019) XX-0-MJG-190039210

383 *Baptisia australis* (L.) R.Br, (2020) XX-0-MJG-190070810

384 *Baptisia australis* (L.) R.Br, (2019) XX-0-MJG-190061430

385 *Biserrula pelecinus* L., (2019) XX-0-MJG-190069790

386 *Bituminaria bituminosa* (L.) C.H.Stirt., (2020) XX-0-MJG-190032620

387 *Campylotropis macrocarpa* (Bunge) Rehder, (2020) XX-0-MJG-200911901

388 *Canavalia ensiformis* (L.) DC., (2019) XX-0-MJG-190055910

389 *Cercis occidentalis* Gray, (2019) XX-0-MJG-200315502

390 *Cercis siliquastrum* L., (2019) XX-0-MJG-195001190

391 *Cicer arietinum* L., (2019) XX-0-MJG-190045260

392 *Colutea buhsei* (Boiss.) Shap., (2019) IR-0-MJG-201110508  
IRN: without locality.

393 *Coronilla scorpioides* (L.) W.D.J.Koch, (2019) XX-0-MJG-190045270

394	<i>Desmodium canadense</i> (L.) DC., (2020)	XX-0-MJG-190034350
395	<i>Galega officinalis</i> L., (2019)	XX-0-MJG-200201002
396	<i>Glycine max</i> (L.) Merr., (2019)	XX-0-MJG-190045290
397	<i>Gymnocladus dioica</i> (L.) K.Koch, (2020)	XX-0-MJG-195013280
398	<i>Hippocrepis unisiliquosa</i> L., (2019)	XX-0-MJG-190034510
399	<i>Lablab purpureus</i> (L.) Sweet, (2019)	XX-0-MJG-190070450
400	<i>Lathyrus aphaca</i> L., (2019)	XX-0-MJG-190045310
401	<i>Lathyrus ochrus</i> (L.) DC., (2019)	XX-0-MJG-190056470
402	<i>Lathyrus odoratus</i> L., (2019)	XX-0-MJG-190035500
403	<i>Lens culinaris</i> Medik., (2019)	XX-0-MJG-190035490
404	<i>Lotus conjugatus</i> subsp. <i>requienii</i> (Sanguin.) Greuter, (2019)	XX-0-MJG-190036330
405	<i>Lotus ornithopodioides</i> L., (2019)	XX-0-MJG-190070770
406	<i>Lotus tetragonolobus</i> L., (2019)	XX-0-MJG-190045410
407	<i>Lupinus polyphyllus</i> Lindl., (2019)	XX-0-MJG-190061450
408	<i>Maackia amurensis</i> Rupr. & Maxim., (2020)	XX-0-MJG-197710890
409	<i>Medicago arabica</i> (L.) Huds., (2019)	XX-0-MJG-190045320
410	<i>Medicago intertexta</i> (L.) Mill., (2019)	XX-0-MJG-190045340
411	<i>Medicago orbicularis</i> (L.) Bartal., (2019)	XX-0-MJG-190045360
412	<i>Medicago scutellata</i> Mill., (2019)	XX-0-MJG-190035510
413	<i>Medicago truncatula</i> Gaertn., (2019)	XX-0-MJG-190055220
414	<i>Medicago turbinata</i> (L.) All., (2019)	XX-0-MJG-190069810
415	<i>Neptunia oleracea</i> Lour., (2019)	XX-0-M-V/0007
416	<i>Ononis alopecuroides</i> L., (2019)	XX-0-MJG-199710204
417	<i>Ononis viscosa</i> L., (2019)	XX-0-MJG-190043340
418	<i>Ornithopus compressus</i> L., (2019)	XX-0-MJG-190069770
419	<i>Ornithopus sativus</i> Brot., (2019)	XX-0-MJG-190069780
420	<i>Phaseolus lunatus</i> L., (2019)	XX-0-MJG-190055930
421	<i>Psoralea onobrychis</i> Nutt., (2019)	XX-0-MJG-190070440
422	<i>Scorpiurus muricatus</i> L., (2019)	XX-0-MJG-190045380
423	<i>Scorpiurus vermiculatus</i> L., (2019)	XX-0-MJG-190045390
424	<i>Securigera securidaca</i> (L.) Degen & Doerfl., (2019)	XX-0-MJG-190045400
425	<i>Sophora tomentosa</i> L., (2019)	XX-0-MJG-199554590
426	<i>Spartium junceum</i> L., (2020)	XX-0-MJG-195019160
427	<i>Trifolium angustifolium</i> L., (2019) ITA: Il Puntone, Grosseto. 1995-06-26. F. Romi & P. Marchetti.	IT-0-MJG-199627790
428	<i>Trifolium arvense</i> L., (2019)	XX-0-MJG-190045420
429	<i>Trifolium montanum</i> L., (2019)	XX-0-MJG-199810202
430	<i>Trifolium pannonicum</i> Jacq., (2019) ROU: Mihai Viteazu, 504 m, 46,146° N   23,032° E. 2011-07-25. U. Becker.	RO-0-MJG-201111902
431	<i>Trigonella caerulea</i> (L.) Ser., (2019)	XX-0-MJG-190056480
432	<i>Trigonella corniculata</i> (L.) L., (2019)	XX-0-MJG-190056490
433	<i>Trigonella foenum-graecum</i> L., (2019)	XX-0-MJG-190056500
434	<i>Tripodion tetraphyllum</i> (L.) Fourr., (2019)	XX-0-MJG-190045250
435	<i>Ulex europaeus</i> L., (2020)	XX-0-MJG-198919220
436	<i>Vicia hirsuta</i> (L.) Gray, (2019)	XX-0-MJG-190045450
437	<i>Vicia lathyroides</i> L., (2019)	XX-0-MJG-190045460
438	<i>Vicia pisiformis</i> L., (2020)	XX-0-MJG-190040480
439	<i>Vicia sativa</i> L., (2019)	XX-0-MJG-190063970
440	<i>Vicia tetrasperma</i> (L.) Schreb., (2019)	XX-0-MJG-190045470
441	<i>Vigna angularis</i> (Willd.) Ohwi & Ohashi, (2019)	XX-0-MJG-190049640
442	<i>Vigna mungo</i> (L.) Hepper, (2019)	XX-0-MJG-190025580
443	<i>Vigna umbellata</i> (Thunb.) Ohwi & H.Ohashi, (2019)	XX-0-MJG-200804205

- 444 *Vigna unguiculata* subsp. *sesquipedalis* (L.) Verdc., (2019) XX-0-MJG-190056020  
 445 *Vigna unguiculata* (L.) Walp. subsp. *unguiculata*, (2019) XX-0-MJG-190055900

### Francoaceae

- 446 *Melianthus major* L., (2020) XX-0-MJG-190038030

### Frankeniaceae

- 447 *Frankenia pulverulenta* L., (2019) XX-0-MJG-199805222

### Gentianaceae

- 448 *Blackstonia perfoliata* (L.) Huds., (2019) NL-0-MJG-200807302  
 NLD: Noord-Holland, near Ijmuiden. 2007.  
 449 *Centaurium erythraea* Rafn, (2019) XX-0-MJG-190058720  
 450 *Gentiana macrophylla* Pall., (2020) XX-0-MJG-190034380

### Geraniaceae

- 451 *Erodium cicutarium* (L.) L'Hér., (2019) XX-0-MJG-190044620  
 452 *Geranium dissectum* L., (2019) XX-0-MJG-190069630  
 453 *Geranium divaricatum* Ehrh., (2019) CH-0-MJG-200508912  
 CHE: Neuchâtel.  
 454 *Geranium macrorrhizum* L., (2020) XX-0-MJG-190033070  
 455 *Geranium renardii* Trautv., (2020) XX-0-MJG-190033330  
 456 *Geranium rotundifolium* L., (2019) XX-0-MJG-190076800  
 457 *Geranium sanguineum* L., (2019) DE-0-MJG-198224290  
 DEU: Rheinland-Pfalz, Mainz, NSG Mainzer Sand, 50,011917 | 8,212023.  
 1982. U. Hecker.  
 458 *Geranium sibiricum* L., (2019) XX-0-MJG-200105806  
 459 *Pelargonium klinghardtense* R.Knuth, (2020) XX-0-MJG-190055660  
 460 *Pelargonium sidoides* DC., (2020) XX-0-MJG-200907107

### Grossulariaceae

- 461 *Ribes alpinum* L., (2020) XX-0-MJG-195002080  
 462 *Ribes divaricatum* Douglas, (2019) XX-0-MJG-195012260  
 463 *Ribes fasciculatum* Siebold & Zucc., (2020) XX-0-MJG-195006350  
 464 *Ribes sanguineum* Pursh var. *sanguineum*, (2019) XX-0-MJG-195012460

### Hypericaceae

- 465 *Hypericum* × *desetangii* Lamotte, (2020) XX-0-MJG-190059180  
 466 *Hypericum androsaemum* L., (2019) XX-0-MJG-197015960  
 467 *Hypericum balearicum* L., (2020) XX-0-MJG-190034580  
 468 *Hypericum hookerianum* Wight & Arn., (2020) XX-0-MJG-197008140

### Iridaceae

- 469 *Aristea ecklonii* Baker, (2019) XX-0-MJG-199822001  
 470 *Iris dichotoma* Pall., (2019) XX-0-MJG-201301101  
 471 *Iris domestica* (L.) Goldblatt & Mabb., (2019) XX-0-MJG-190066940  
 472 *Iris halophila* Pall., (2020) UA-0-MJG-201011247  
 UKR: Vinnytsia, Vilshanka river valley between villages Verkhnia Slobidka and Velyka  
 Kisnytsia, Yampilsky district, 48,161505 | 28,513641. 2010-07. U. Becker.  
 473 *Iris marsica* I.Ricci & Colas., (2019) IT-0-MJG-200508913  
 ITA: Abruzzi, L'Aquila, Monte Pizzalto, 1400 m.



474	<i>Iris missouriensis</i> Nutt., (2019)	XX-0-MJG-190066900
475	<i>Iris pseudacorus</i> L., (2019)	XX-0-MJG-190023160
476	<i>Iris ruthenica</i> Ker Gawl., (2019)	XX-0-MJG-190066920
477	<i>Iris sibirica</i> L., (2019)	XX-0-MJG-190033440
478	<i>Sisyrinchium striatum</i> Sm., (2019)	XX-0-MJG-190044730
479	<i>Tritonia crocata</i> (L.) Ker-Gawl., (2019)	XX-0-MJG-200207705

### Juncaceae

480	<i>Juncus bufonius</i> L., (2019)	XX-0-MJG-190067080
481	<i>Juncus effusus</i> L., (2019)	XX-0-MJG-190067060
482	<i>Juncus inflexus</i> L., (2019)	XX-0-MJG-190038120
483	<i>Juncus maritimus</i> Lam., (2019)	XX-0-MJG-190044740
484	<i>Luzula campestris</i> (L.) DC., (2019) FRA: Dep. Calvados, Le Plessis-Grimoult, Mont Pinçon. 1997.	FR-0-MJG-199806601
485	<i>Luzula luzuloides</i> (Lam.) Dandy & Wilmott, (2019)	XX-0-MJG-199636970
486	<i>Luzula nivea</i> (L.) DC., (2019)	XX-0-MJG-190038590

### Juncaginaceae

487	<i>Triglochin maritima</i> L., (2020)	XX-0-MJG-190020990
488	<i>Triglochin palustris</i> Schousb., (2019)	XX-0-MJG-190021000
489	<i>Triglochin scilloides</i> (Poir.) Mering & Kadereit, (2019)	XX-0-MJG-190064130

### Lamiaceae

490	<i>Ajuga genevensis</i> L., (2019)	XX-0-MJG-200912502
491	<i>Amethystea caerulea</i> L., (2019)	XX-0-MJG-190044750
492	<i>Betonica alopecuroides</i> L., (2020)	XX-0-MJG-200004112
493	<i>Betonica macrantha</i> K.Koch, (2019)	XX-0-MJG-190045050
494	<i>Betonica officinalis</i> L. subsp. <i>officinalis</i> , (2019)	XX-0-MJG-190044760
495	<i>Blephilia ciliata</i> L.) Benth., (2019) USA: Missouri; Shaw Nature Reserve.	US-0-HBG-2010-F-311
496	<i>Clinopodium thymifolium</i> (Scop.) Kuntze, (2020) ITA: Friuli-Venezia Giulia, Trieste, Sistiana, 75 m.	IT-0-MJG-200803102
497	<i>Colquhounia coccinea</i> Wall., (2020)	XX-0-MJG-201311320
498	<i>Dracocephalum moldavicum</i> L., (2019)	XX-0-MJG-190043310
499	<i>Dracocephalum rupestre</i> Hance, (2019)	XX-0-MJG-190069510
500	<i>Elsholtzia stauntonii</i> Benth., (2019)	XX-0-MJG-195010630
501	<i>Galeopsis angustifolia</i> Ehrh. ex Hoffm., (2019)	XX-0-MJG-190044790
502	<i>Galeopsis pubescens</i> Besser, (2019)	XX-0-MJG-200307024
503	<i>Horminum pyrenaicum</i> L., (2020)	XX-0-MJG-190033020
504	<i>Hysopus officinalis</i> L., (2019)	XX-0-MJG-190044820
505	<i>Isodon japonicus</i> var. <i>glaucocalyx</i> (Maxim.) H.W.Li, (2019)	XX-0-MJG-200208703
506	<i>Lallemantia canescens</i> (L.) Fisch. & C.A.Mey., (2019)	XX-0-MJG-190036020
507	<i>Lamium garganicum</i> L., (2019)	XX-0-MJG-190066840
508	<i>Lavandula angustifolia</i> Mill., (2020)	XX-0-MJG-190001550
509	<i>Lavandula multifida</i> L., (2019)	XX-0-MJG-190035900
510	<i>Leonurus quinquelobatus</i> Gilib., (2019) DEU: Rheinland-Pfalz, Landkreis Mainz-Bingen, Appenheim, Gemarkung "Westerberg". 2009. H. Ihm.	DE-0-MJG-200914501
511	<i>Marrubium vulgare</i> L., (2020)	XX-0-MJG-190044850
512	<i>Mentha cervina</i> L., (2019) FRA: Dept. Herault, 2007.	FR-0-MJG-200802414
513	<i>Mentha pulegium</i> L., (2019)	FR-0-MJG-200801008

	FRA: Brittany, Ille-et-Vilaine, Saint Thurial, Bords d'étang siliceux. 2007-09-05.	
514	<i>Moluccella laevis</i> L., (2019)	XX-0-MJG-200206002
515	<i>Monarda fistulosa</i> L., (2019)	XX-0-MJG-190050570
516	<i>Nepeta grandiflora</i> M.Bieb., (2019)	XX-0-MJG-190044860
517	<i>Nepeta nuda</i> L. subsp. <i>nuda</i> , (2019) HUN: Heves, Kerecsend, 47 47.490 N   20 19.560 E. 2008-07-21. R. Omlor & M. Höhn.	HU-0-MJG-200812529
518	<i>Ocimum basilicum</i> L., (2020)	XX-0-MJG-190025840
519	<i>Origanum majorana</i> L., (2020)	XX-0-MJG-190037290
520	<i>Origanum vulgare</i> L., (2019) DEU: Rheinland-Pfalz, Gangelberg bei Duchroth an der Nahe, 49,788939   7,739954. 2007. R. Omlor.	DE-0-MJG-200710708
521	<i>Perilla frutescens</i> var. <i>crispa</i> (Thunb.) H.Deane, (2019)	XX-0-MJG-190069470
522	<i>Phlomis fruticosa</i> L., (2020)	XX-0-MJG-190001410
523	<i>Phlomis italica</i> L., (2019)	XX-0-MJG-199-27610
524	<i>Physostegia virginiana</i> (L.) Benth., (2019)	XX-0-MJG-190044880
525	<i>Rosmarinus officinalis</i> L., (2020)	XX-0-MJG-198501510
526	<i>Salvia aethiopsis</i> L., (2020)	XX-0-MJG-190044910
527	<i>Salvia austriaca</i> Jacq., (2019) ROU: Cluj, Satu. 2004.	RO-0-M-2005/0305
528	<i>Salvia austriaca</i> Jacq., (2020)	XX-0-MJG-190066280
529	<i>Salvia candelabrum</i> Boiss., (2020)	XX-0-MJG-190027680
530	<i>Salvia coccinea</i> Buc'hoz ex Etl., (2019)	XX-0-MJG-190044930
531	<i>Salvia daghestanica</i> Sosn., (2020) RUS: Republic of Dagestan, Ost-Kaukasus, Dazavgiss, 1000 m. 1986.	RU-0-MJG-200302106
532	<i>Salvia judaica</i> Boiss., (2020) ISR: Jerusalem District, Jerusalem.	IL-0-MJG-200906910
533	<i>Salvia jurisicii</i> Kosanin, (2019)	XX-0-MJG-199627710
534	<i>Salvia nemorosa</i> L., (2020)	XX-0-MJG-190044960
535	<i>Salvia nutans</i> L., (2020) ROU: Mures, Zan de Campia.	RO-0-MJG-200312801
536	<i>Salvia officinalis</i> L., (2020)	XX-0-MJG-190044970
537	<i>Salvia patens</i> Cav., (2020)	XX-0-MJG-190050450
538	<i>Salvia pratensis</i> L., (2019) DEU: Rheinland-Pfalz, Mainz-Münchfeld, An der Allee, 49.9970   8.2430. 2008-06-06. B. Meyer.	DE-0-MJG-200809901
539	<i>Salvia scabiosifolia</i> Lam., (2019)	XX-0-MJG-200815310
540	<i>Salvia splendens</i> Roemer & J.A.Schultes, (2020)	XX-0-MJG-190044980
541	<i>Salvia transsylvanica</i> (Schur ex Griseb. & Schenk) Schur, (2020)	XX-0-MJG-200907613
542	<i>Salvia verticillata</i> L., (2020)	XX-0-MJG-190039270
543	<i>Salvia viridis</i> L., (2020) ISR: without locality.	IL-0-B-0891096
544	<i>Satureja montana</i> L., (2020)	XX-0-MJG-198801770
545	<i>Scutellaria albida</i> L. subsp. <i>albida</i> , (2020) TUR: Izmir, Bergama, Kozak yayl.	TR-0-MJG-201408903
546	<i>Scutellaria alpina</i> L., (2019)	XX-0-MJG-190025800
547	<i>Scutellaria baicalensis</i> Georgi, (2019)	XX-0-MJG-190066820
548	<i>Scutellaria galericulata</i> L., (2019)	XX-0-MJG-190045020
549	<i>Stachys germanica</i> L., (2019)	XX-0-MJG-190045040
550	<i>Stachys recta</i> L., (2019) DEU: Rheinland-Pfalz, Oberwesel, Oelsberg, Weinbergsbrachen, 50,121431   7,723603. 2006-07-20. R. Omlor & B. Mengel.	DE-0-MJG-200606924
551	<i>Teucrium botrys</i> L., (2019)	XX-0-MJG-190045070
552	<i>Teucrium flavum</i> L., (2020)	XX-0-MJG-190055680
553	<i>Thymus vulgaris</i> L., (2020)	XX-0-MJG-190001530

554	<i>Ziziphora capitata</i> L., (2019)	XX-0-MJG-190069490
<b>Lardizabalaceae</b>		
555	<i>Sinofranchetia chinensis</i> (Franch.) Hemsl., (2020)	XX-0-MJG-195017190
<b>Liliaceae</b>		
556	<i>Lilium regale</i> E.H.Wilson, (2019)	XX-0-MJG-190067000
557	<i>Tulipa turkestanica</i> (Regel) Regel, (2020)	XX-0-MJG-201601160
<b>Linaceae</b>		
558	<i>Linum austriacum</i> L., (2020)	XX-0-MJG-199704709
559	<i>Linum flavum</i> L., (2019)	XX-0-MJG-200005820
560	<i>Linum grandiflorum</i> Desf., (2019)	XX-0-MJG-199809602
561	<i>Linum hirsutum</i> L. subsp. <i>hirsutum</i> , (2019) UKR: Vinnytsia, Chechelnytsky district, Romashkovo, 48,24592   29,30517.	UA-0-MJG-201011210
562	<i>Linum hirsutum</i> L. subsp. <i>hirsutum</i> , (2019)	XX-0-MJG-200015406
563	<i>Linum narbonense</i> L., (2019)	XX-0-STGAL-130/1990
564	<i>Linum perenne</i> L., (2019) DEU: Hessen, Darmstadt, Pfungstädter Düne. 2009-07-21. M. Repplinger.	DE-0-MJG-200916701
565	<i>Linum usitatissimum</i> L., (2020)	XX-0-MJG-190035880
<b>Lythraceae</b>		
566	<i>Cuphea procumbens</i> Cav., (2019)	XX-0-MJG-190069680
567	<i>Lythrum hyssopifolia</i> L., (2019)	XX-0-MJG-190069660
568	<i>Lythrum salicaria</i> L., (2019)	XX-0-MJG-190023120
<b>Magnoliaceae</b>		
569	<i>Magnolia denudata</i> Desr., (2019)	XX-0-MJG-200705001
<b>Malvaceae</b>		
570	<i>Abelmoschus esculentus</i> (L.) Moench 'Kulturform', (2019)	XX-0-MJG-190054270
571	<i>Abelmoschus esculentus</i> (L.) Moench 'Wildform', (2019)	XX-0-MJG-190054230
572	<i>Abelmoschus moschatus</i> Medik., (2019)	XX-0-MJG-200307006
573	<i>Abutilon theophrasti</i> Medik., (2019)	XX-0-MJG-190045100
574	<i>Althaea officinalis</i> L., (2019)	XX-0-MJG-190077030
575	<i>Anoda cristata</i> (L.) Schldl., (2019)	XX-0-MJG-190045110
576	<i>Corchorus capsularis</i> L., (2019)	XX-0-MJG-190039200
577	<i>Corchorus olitorius</i> L., (2019)	XX-0-MJG-190054240
578	<i>Gossypium herbaceum</i> L., (2019)	XX-0-MJG-199803503
579	<i>Gossypium hirsutum</i> L., (2019) GRC: without locality. 1997. U. Hecker; no. 01-07-97-10.	GR-0-MJG-199739350
580	<i>Hibiscus calyphyllus</i> Cav., (2021)	XX-0-MJG-190027070
581	<i>Hibiscus cannabinus</i> L., (2019) TCD: without locality.	TD-0-B-1750405
582	<i>Hibiscus sabdariffa</i> L., (2019)	XX-0-MJG-190054250
583	<i>Hibiscus trionum</i> L., (2019)	XX-0-MJG-190045120
584	<i>Kitaibelia vitifolia</i> Willd., (2019)	XX-0-MJG-190047480
585	<i>Malope trifida</i> Cav., (2019)	XX-0-MJG-190069060
586	<i>Malva alcea</i> L., (2019) DEU: Brandenburg, Luckau.	DE-0-MJG-200109320
587	<i>Malva pusilla</i> Sm., (2019)	XX-0-MJG-190063640

588	<i>Malva sylvestris</i> L., (2020)	XX-0-MJG-190045130
589	<i>Malva trimestris</i> (L.) Salisb., (2019)	XX-0-MJG-190036000
590	<i>Sida rhombifolia</i> L., (2020)	XX-0-MJG-190028750

### **Marantaceae**

591	<i>Marantochloa cuspidata</i> (Roscoe) Milne-Redh., (2020)	XX-0-MJG-190073430
592	<i>Marantochloa leucantha</i> (K.Schum.) Milne-Redh., (2020)	XX-0-MJG-190054130
593	<i>Thalia dealbata</i> Fraser, (2019)	XX-0-MJG-201302801

### **Martyniaceae**

594	<i>Ibicella lutea</i> (Lindl.) Van Eselt., (2019)	XX-0-BAS-29/2005 GS
595	<i>Proboscidea louisianica</i> (Mill.) Thell., (2019)	XX-0-MJG-200205701

### **Mazaceae**

596	<i>Mazus miquelii</i> Makino, (2019)	XX-0-MJG-190066360
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### **Melanthiaceae**

597	<i>Anticlea elegans</i> (Pursh) Rydb. subsp. <i>elegans</i> , (2019)	XX-0-MJG-190066310
598	<i>Anticlea elegans</i> subsp. <i>glauca</i> (Nutt.) A.Haines, (2019)	XX-0-MJG-190066170
599	<i>Veratrum nigrum</i> L., (2020)	XX-0-MJG-190045150

### **Melastomataceae**

600	<i>Calvoa orientalis</i> Taub., (2020)	XX-0-MJG-190057420
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### **Menispermaceae**

601	<i>Cocculus orbiculatus</i> (L.) DC., (2020)	XX-0-MJG-195517200
602	<i>Menispermum dauricum</i> DC., (2020)	XX-0-MJG-195517220

### **Montiaceae**

603	<i>Cistanthe grandiflora</i> (Lindl.) Schltld., (2019)	XX-0-MJG-190045580
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### **Moraceae**

604	<i>Broussonetia papyrifera</i> (L.) L'Hér. ex Vent., (2019)	XX-0-MJG-195010100
605	<i>Maclura pomifera</i> (Raf.) C.K.Schneid., (2020)	XX-0-MJG-195013130
606	<i>Maclura tricuspidata</i> Carrière, (2020)	XX-0-MJG-197308620

### **Myrtaceae**

607	<i>Blepharocalyx cruckshanksii</i> (Hook. & Arn.) Nied., (2020)	XX-0-MJG-201700350
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### **Nyctaginaceae**

608	<i>Mirabilis jalapa</i> L., (2019)	XX-0-MJG-190069260
609	<i>Mirabilis longiflora</i> L., (2020)	XX-0-MJG-190022960

### **Oleaceae**

610	<i>Chrysojasminum fruticans</i> (L.) Banfi, (2019)	XX-0-MJG-195001330
611	<i>Osmanthus armatus</i> Diels, (2020)	XX-0-MJG-190016690
612	<i>Phillyrea latifolia</i> L., (2019)	XX-0-MJG-195019420

## Onagraceae

613	<i>Boisduvalia densiflora</i> (Lindl.) S.Watson, (2019)	XX-0-MJG-190045180
614	<i>Circaea lutetiana</i> L. subsp. <i>canadensis</i> (L.) Asch. & Magnus, (2020)	XX-0-MJG-190063800
615	<i>Clarkia pulchella</i> Pursh, (2019)	XX-0-MJG-199803112
616	<i>Clarkia unguiculata</i> Lindl., (2019)	XX-0-MJG-190034390
617	<i>Epilobium angustifolium</i> L., (2019) AUT: Niederösterreich, Schneeberg, 700 - 2050 m. 2016-09.	AT-0-MJG-201700114
618	<i>Epilobium hirsutum</i> L., (2019)	XX-0-MJG-190023330
619	<i>Fuchsia procumbens</i> R.Cunn., (2020)	XX-0-MJG-201100503
620	<i>Fuchsia regia</i> (Vand. ex Vell.) Munz, (2020)	XX-0-MJG-199820921
621	<i>Lopezia racemosa</i> Cav., (2019)	XX-0-MJG-190045190
622	<i>Ludwigia suffruticosa</i> (L.) L.D.Gomez, (2020)	XX-0-MJG-190023100
623	<i>Oenothera fruticosa</i> L., (2020)	XX-0-MJG-200200422
624	<i>Oenothera glazioviana</i> Micheli, (2020)	XX-0-MJG-190062850
625	<i>Oenothera macrocarpa</i> Nutt. subsp. <i>macrocarpa</i> , (2020)	XX-0-MJG-190033830
626	<i>Oenothera oakesiana</i> (A.Gray) G.T.Robbins ex S.Watson, (2020) DEU: Hamburg, Steinwerder, Hafen.	DE-0-MJG-200803811
627	<i>Oenothera tetraptera</i> Cav., (2019) BOL: without locality.	BO-0-MJG-200115611

## Orchidaceae

628	<i>Bletilla striata</i> (Thunb.) Rchb.f., (2020)	XX-0-MJG-190034780
629	<i>Epipactis palustris</i> (L.) Crantz, (2020)	XX-0-MJG-190055340

## Paeoniaceae

630	<i>Paeonia mascula</i> (L.) Mill., (2019) ITA: Sardinia, without locality. 1976. U. Hecker.	IT-0-MJG-197645200
631	<i>Paeonia mascula</i> subsp. <i>russoi</i> (Biv.) Cullen & Heywood, (2020)	XX-0-MJG-190062860
632	<i>Paeonia mlokosewitschii</i> Lomakin, (2019)	XX-0-MJG-190061390

## Papaveraceae

633	<i>Adlumia fungosa</i> (Aiton) Britton, Sterns & Poggenb., (2019)	XX-0-MJG-190040490
634	<i>Argemone platyceras</i> Link & Otto, (2019)	XX-0-MJG-190045210
635	<i>Capnoides sempervirens</i> (L.) Borkh., (2019)	XX-0-MJG-190044610
636	<i>Corydalis cheilanthifolia</i> Hemsl., (2019)	XX-0-MJG-190037810
637	<i>Corydalis ophiocarpa</i> Hook.f. & Thomson, (2019)	XX-0-MJG-190063780
638	<i>Corydalis solida</i> (L.) Clairv., (2019)	XX-0-MJG-190078009
639	<i>Dicranostigma leptopodum</i> (Maxim.) Fedde, (2019)	XX-0-MJG-190069590
640	<i>Eschscholzia californica</i> Cham., (2020)	XX-0-MJG-190022980
641	<i>Hypocoum leptocarpum</i> Hook.f. & Thomson, (2019)	XX-0-MJG-190069580
642	<i>Papaver alpinum</i> L., (2020) AUT: Steiermark, Rax, 1700 - 2000 m.	AT-0-MJG-201800302
643	<i>Papaver armeniacum</i> (L.) DC., (2019)	XX-0-MJG-190056440
644	<i>Papaver atlanticum</i> (Ball) Coss., (2020)	XX-0-MJG-190047250
645	<i>Papaver bracteatum</i> Lindl., (2019)	XX-0-MJG-199702510
646	<i>Papaver cambricum</i> L., (2020)	XX-0-MJG-190020220
647	<i>Papaver rhoeas</i> L., (2019)	XX-0-MJG-190041630

## Passifloraceae

648	<i>Passiflora capsularis</i> L., (2020)	XX-0-MJG-201800047
649	<i>Passiflora suberosa</i> L., (2019)	XX-0-MJG-190026610

650	<i>Turnera ulmifolia</i> L., (2019)	XX-0-MJG-200800401
<b>Pedaliaceae</b>		
651	<i>Sesamum indicum</i> L., (2019)	XX-0-MJG-190038170
<b>Penthoraceae</b>		
652	<i>Penthorum sedoides</i> L., (2019)	XX-0-MJG-190037870
<b>Petiveriaceae</b>		
653	<i>Petiveria alliacea</i> L., (2019)	XX-0-MJG-190027260
<b>Phrymaceae</b>		
654	<i>Mimulus aurantiacus</i> Curtis, (2019) USA: Kalifornien. 2010. G. Kadereit & J.W. Kadereit.	US-0-MJG-200916501
655	<i>Mimulus guttatus</i> Fisch. ex DC., (2019)	XX-0-MJG-190064030
656	<i>Mimulus moschatus</i> Douglas ex Lindl., (2019)	XX-0-MJG-200309006
657	<i>Mimulus ringens</i> L., (2019)	XX-0-MJG-190023880
658	<i>Phryma leptostachya</i> L., (2019)	XX-0-MJG-190069410
<b>Phytolaccaceae</b>		
659	<i>Phytolacca acinosa</i> Roxb., (2019)	XX-0-MJG-190043140
660	<i>Phytolacca americana</i> L., (2020)	XX-0-MJG-190058740
<b>Picramniaceae</b>		
661	<i>Picramnia pentandra</i> Sw., (2019)	XX-0-MJG-199354730
<b>Plantaginaceae</b>		
662	<i>Cymbalaria muralis</i> G.Gaertn., B.Mey. & Scherb., (2020)	XX-0-MJG-190047170
663	<i>Digitalis lutea</i> L., (2019)	XX-0-MJG-190050470
664	<i>Digitalis purpurea</i> L., (2020) DEU: Hessen, Rheingau, MTB 5914/1, 330 - 350 m. 1997-08-03. B. Meyer.	DE-0-MJG-199721101
665	<i>Erinus alpinus</i> L., (2020)	XX-0-MJG-190032980
666	<i>Globularia bisnagarica</i> L., (2019) HUN: Fejér, W of Csákvár, 47° 23.25' N   18° 26.32 E. 2008-07-25. R. Omlor & M. Höhn.	HU-0-MJG-200812543
667	<i>Globularia nudicaulis</i> L., (2019)	XX-0-MJG-190046520
668	<i>Kickxia elatine</i> (L.) Dumort., (2019)	XX-0-MJG-190063360
669	<i>Linaria vulgaris</i> Mill., (2019) DEU: Rheinland-Pfalz, Mainz-Münchfeld, An der Allee, 49.9970   8.2430. 1997-09-29. B. Meyer.	DE-0-MJG-199721116
670	<i>Maurandya barclayana</i> Lindl., (2019)	XX-0-MJG-190063350
671	<i>Plantago indica</i> L., (2019) DEU: Rheinland-Pfalz, Mainz, NSG Mainzer Sand, 50,011917   8,212023. 2016-09-26. R. Omlor.	DE-0-MJG-201601171
672	<i>Plantago lanceolata</i> L., (2020)	XX-0-MJG-190036850
673	<i>Plantago major</i> L., (2020) DEU: Rheinland-Pfalz, Mainz, Gonsbachtal, An der Ochsenwiese, Feldweg, 49,998685   8,212548. 2015-11-19. A. Bernsee.	DE-0-MJG-201510001
674	<i>Plantago sempervirens</i> Crantz, (2020)	XX-0-MJG-190033080

## Plumbaginaceae

675	<i>Limonium vulgare</i> Mill., (2020) DEU: Niedersachsen, Küste der südlichen Nordsee. BG Oldenburg; no. 06-128-76-10.	DE-0-MJG-200703102
676	<i>Psylliostachys spicata</i> (Willd.) Nevski, (2019) ISR: Jordan Valley.	IL-0-MJG-201306308
677	<i>Psylliostachys suworowii</i> (Regel) Roshkova, (2019)	XX-0-MJG-190047600

## Poaceae

678	<i>Aegilops geniculata</i> Roth, (2019)	XX-0-MJG-190021580
679	<i>Aegilops speltoides</i> Tausch, (2019)	XX-0-MJG-190021570
680	<i>Aegilops triuncialis</i> L., (2019)	XX-0-MJG-201202603
681	<i>Aira caryophyllea</i> L., (2019)	XX-0-MJG-190036920
682	<i>Aira elegans</i> Willd. ex Roem. & Schult., (2019)	XX-0-MJG-199707904
683	<i>Antheophora pubescens</i> Nees, (2019)	XX-0-MJG-199666180
684	<i>Anthoxanthum aristatum</i> Boiss., (2019)	XX-0-MJG-199803602
685	<i>Apera spica-venti</i> (L.) P.Beauv., (2019)	XX-0-MJG-190021860
686	<i>Arrhenatherum elatius</i> subsp. <i>bulbosum</i> (Willd.) Schübl. & G.Martens, (2019) FRA: Dep. Calvados, Parc de Croisilles, Ville de Caen. 1996.	FR-0-MJG-199707313
687	<i>Arthraxon hispidus</i> (Thunb.) Makino, (2019)	XX-0-MJG-190040030
688	<i>Avena fatua</i> L., (2019)	XX-0-MJG-199702336
689	<i>Avena sativa</i> L., (2019)	XX-0-MJG-200811001
690	<i>Avena sativa</i> L., (2019)	XX-0-MJG-199702316
691	<i>Avenella flexuosa</i> (L.) Drejer, (2019)	XX-0-MJG-199702936
692	<i>Avenula pubescens</i> (Huds.) Dumort., (2019)	XX-0-MJG-190021800
693	<i>Beckmannia eruciformis</i> (L.) Host, (2019)	XX-0-MJG-190066730
694	<i>Bouteloua curtipendula</i> (Michx.) Torr., (2019)	XX-0-MJG-190068910
695	<i>Bouteloua gracilis</i> (Humb., Bonpl. & Kunth) Griffiths, (2019)	XX-0-MJG-190027450
696	<i>Brachypodium distachyum</i> (L.) P.Beauv., (2019)	XX-0-MJG-190021600
697	<i>Brachypodium pinnatum</i> (L.) P.Beauv., (2019)	XX-0-MJG-190021610
698	<i>Briza maxima</i> L., (2019)	XX-0-MJG-190021250
699	<i>Briza media</i> L., (2020)	XX-0-MJG-190021240
700	<i>Briza minor</i> L., (2019)	XX-0-MJG-190021230
701	<i>Bromus erectus</i> Huds., (2019)	XX-0-MJG-190021640
702	<i>Bromus japonicus</i> Houtt., (2019)	XX-0-MJG-190021680
703	<i>Bromus sterilis</i> L., (2019)	XX-0-MJG-190021630
704	<i>Bromus tectorum</i> L., (2019) DEU: Hessen, Griesheim bei Darmstadt. 1991-07-02. U. Hecker.	DE-0-MJG-199127740
705	<i>Catapodium rigidum</i> (L.) C.E.Hubb., (2019)	XX-0-MJG-190021220
706	<i>Cenchrus americanus</i> (L.) Morrone, (2019)	XX-0-MJG-190063040
707	<i>Cenchrus ciliaris</i> L., (2019)	XX-0-MJG-199636950
708	<i>Cenchrus longisetus</i> M.C.Johnst., (2019)	XX-0-MJG-190044640
709	<i>Cenchrus macrourus</i> (Trin.) Morrone, (2019)	XX-0-MJG-190052240
710	<i>Cenchrus tribuloides</i> L., (2019)	XX-0-MJG-190068980
711	<i>Chaetopogon fasciculatus</i> (Link) Hayek, (2019)	XX-0-MJG-190040040
712	<i>Chasmanthium latifolium</i> (Michx.) H.O.Yates, (2019)	XX-0-MJG-190021260
713	<i>Chloris barbata</i> (L.) Sw., (2019)	XX-0-MJG-190040050
714	<i>Chloris submutica</i> Humb., Bonpl.Et.Kunth, (2019)	XX-0-MJG-190040060
715	<i>Chloris virgata</i> Sw., (2019)	XX-0-MJG-199708203
716	<i>Chrysopogon gryllus</i> (L.) Trin., (2019) HUN: Csongrád, 25 km W of Szeged, Ásotthalon, 46° 12.8' N   19° 47.2' E. 2008-07-18. R. Omlor & M. Höhn.	HU-0-MJG-200812515

717	<i>Coix lacryma-jobi</i> L., (2019)	XX-0-MJG-190040070
718	<i>Cornucopie cucullatum</i> L., (2019)	XX-0-MJG-190068880
719	<i>Crypsis schoenoides</i> (L.) Lam., (2019)	XX-0-MJG-199706129
720	<i>Cynosurus echinatus</i> L., (2019)	XX-0-MJG-190021210
721	<i>Diarrhena americana</i> P.Beauv., (2019)	XX-0-MJG-190021270
722	<i>Echinaria capitata</i> (L.) Desf., (2019)	XX-0-MJG-190021390
723	<i>Echinochloa crus-galli</i> (L.) P.Beauv., (2019) DEU: Rheinland-Pfalz, Stadelcken-Elsheim, Im Woog. 2014-08-26. B. Mengel.	DE-0-MJG-201413001
724	<i>Echinochloa esculenta</i> (A.Braun) H.Scholz, (2019)	XX-0-MJG-190068960
725	<i>Eleusine coracana</i> (L.) Gaertn., (2019)	XX-0-MJG-190040110
726	<i>Eleusine indica</i> (L.) Gaertn., (2019)	XX-0-MJG-190036290
727	<i>Eleusine tristachya</i> (Lam.) Lam., (2019)	XX-0-MJG-190040120
728	<i>Eragrostis minor</i> Host, (2019)	XX-0-MJG-190062940
729	<i>Eremopyrum orientale</i> (L.) Jaub. & Spach, (2019)	XX-0-MJG-190021470
730	<i>Gaudinia fragilis</i> (L.) P.Beauv., (2019)	XX-0-MJG-190021820
731	<i>Hainardia cylindrica</i> (Willd.) W.Greuter, (2019)	XX-0-MJG-190021440
732	<i>Harpochloa falx</i> (L.f.) Kuntze, (2019)	XX-0-MJG-200904108
733	<i>Holcus lanatus</i> L., (2019)	XX-0-MJG-190040130
734	<i>Hordelymus europaeus</i> (L.) Jessen ex Harz, (2019)	XX-0-MJG-190020560
735	<i>Hordeum bulbosum</i> L., (2019)	XX-0-MJG-190021120
736	<i>Hordeum distichon</i> L., (2019)	XX-0-MJG-199706404
737	<i>Hordeum distichon</i> L. 'Braugerste', (2019)	XX-0-MJG-200811002
738	<i>Hordeum distichon</i> L. 'Nacktgerste', (2019)	XX-0-MJG-201600384
739	<i>Hordeum jubatum</i> L., (2019)	XX-0-MJG-190021100
740	<i>Hordeum vulgare</i> L. var. <i>vulgare</i> , (2019)	XX-0-MJG-200205702
741	<i>Lamarckia aurea</i> (L.) Moench, (2019)	XX-0-MJG-190021280
742	<i>Leymus arenarius</i> Hochst., (2020) DNK: Ostjütland, Ostseite der Halbinsel Helgenes, Strandbereich, 56,151873   10,54342. 2007-08-10. R. Omlor.	DK-0-MJG-200710906
743	<i>Lolium temulentum</i> L., (2019)	XX-0-MJG-190021400
744	<i>Lygeum spartum</i> Loeffl. ex L., (2019)	XX-0-MJG-190021730
745	<i>Melica ciliata</i> L., (2019)	XX-0-MJG-190021160
746	<i>Melica nutans</i> L., (2019)	XX-0-ULM-2000F-268
747	<i>Melinis repens</i> (Willd.) Zizka, (2019)	XX-0-MJG-190042840
748	<i>Molinia caerulea</i> (L.) Moench, (2019)	XX-0-MJG-190021750
749	<i>Muhlenbergia mexicana</i> (L.) Trin., (2019)	XX-0-MJG-190052260
750	<i>Nassella viridula</i> (Trin.) Barkworth, (2019)	XX-0-MJG-190061180
751	<i>Oloptum miliaceum</i> (L.) Röser & Hamasha, (2019)	XX-0-MJG-190043160
752	<i>Oryza sativa</i> L., (2019)	XX-0-MJG-190040200
753	<i>Panicum bulbosum</i> Kunth, (2019)	XX-0-MJG-190040150
754	<i>Panicum capillare</i> Vahl ex Hornem., (2019)	XX-0-MJG-190040160
755	<i>Panicum miliaceum</i> L., (2019)	XX-0-MJG-190040170
756	<i>Phaenosperma globosum</i> Munro, (2019)	XX-0-MJG-190068870
757	<i>Phalaris arundinacea</i> L., (2019)	XX-0-MJG-190040210
758	<i>Phalaris canariensis</i> L., (2019) DEU: Hamburg, Osdorf, Klein Flottbek, Ohnhorststraße. 1995-09-12. H. Kuschel.	DE-0-MJG-199713310
759	<i>Pharus latifolius</i> L., (2020)	XX-0-MJG-190076680
760	<i>Phleum paniculatum</i> Huds., (2019)	XX-0-MJG-190040220
761	<i>Phleum pratense</i> L., (2019)	XX-0-MJG-190061220
762	<i>Poa alpina</i> L., (2020) FRA: South-Western Alps, Galibier, 2700 m.	FR-0-MJG-201800293
763	<i>Polypogon monspeliensis</i> (L.) Desf., (2019)	XX-0-MJG-190068890
764	<i>Psilurus incurvus</i> (Gouan) Schinz & Thell., (2019)	XX-0-MJG-199900803



765	<i>Rostraria cristata</i> (L.) Tzvelev, (2019)	XX-0-MJG-201300504
766	<i>Secale cereale</i> L., (2019)	XX-0-MJG-190021490
767	<i>Secale montanum</i> Guss., (2019)	XX-0-MJG-190044650
768	<i>Sesleria albicans</i> Kit. ex Schult., (2020)	XX-0-MJG-199702909
769	<i>Sesleria argentea</i> (Savi) Savi, (2019)	XX-0-MJG-201113409
770	<i>Setaria helvola</i> (L.f.) Roem. & Schult., (2019)	XX-0-MJG-190042860
771	<i>Setaria italica</i> (L.) P.Beauv., (2019)	XX-0-MJG-190042850
772	<i>Sorghastrum nutans</i> (L.) Nash, (2019)	XX-0-MJG-190061280
773	<i>Sorghum bicolor</i> (L.) Moench, (2020)	XX-0-MJG-190056080
774	<i>Sorghum bicolor</i> (L.) Moench Technicum Group, (2019)	XX-0-MJG-190039370
775	<i>Sorghum halepense</i> (L.) Pers., (2019)	XX-0-MJG-190042900
776	<i>Sporobolus heterolepis</i> (Gray) A.Gray, (2019)	XX-0-MJG-190061230
777	<i>Sporobolus indicus</i> (L.) R.Br., (2019) FRA: Aquitaine, Dep. Landes.	FR-0-MJG-199801108
778	<i>Stipa capillata</i> L., (2019) DEU: Rheinland-Pfalz, Mainz, NSG Mainzer Sand, 50,011917   8,212023. 1982. U. Hecker.	DE-0-MJG-198224350
779	<i>Stipa pennata</i> subsp. <i>sabulosa</i> (Pacz.) Tzvelev, (2020) HUN: Bács-Kiskun, Kecskemét, Kiskunsági Nemzeti Park, sand dunes of Fülöpháza, 46° 52.304' N   19° 25.216' E. 2008. R. Omlor & M. Höhn.	HU-0-MJG-200812507
780	<i>Taeniatherum caput-medusae</i> (L.) Nevski, (2019)	XX-0-MJG-190021080
781	<i>Tragus racemosus</i> (L.) All., (2019)	XX-0-MJG-190068940
782	<i>Triticum baeticum</i> Boiss., (2019)	XX-0-MJG-190021560
783	<i>Triticum spelta</i> L., (2019)	XX-0-MJG-190021520
784	<i>Triticum turgidum</i> L., (2019)	XX-0-MJG-190021500
785	<i>Triticum turgidum</i> subsp. <i>polonicum</i> (L.) Thell., (2019)	XX-0-MJG-200701009
786	<i>Vulpia myuros</i> (L.) C.C.Gmel., (2019) DEU: Rheinland-Pfalz, Oppenheim, Zuckerberg, 275 m. 1999-07-14. U. Hecker.	DE-0-MJG-199913103
787	<i>Zea mays</i> L. subsp. <i>mays</i> , (2020)	XX-0-MJG-190042940

### Polemoniaceae

788	<i>Gilia achilleifolia</i> Benth., (2019)	XX-0-MJG-190045490
789	<i>Navarretia squarrosa</i> (Eschsch.) Hook. & Arn., (2019)	XX-0-MJG-190045510

### Polygonaceae

790	<i>Atraphaxis frutescens</i> (L.) K.Koch, (2019)	XX-0-MJG-190011990
791	<i>Bistorta officinalis</i> Delarbre, (2019)	XX-0-MJG-190032860
792	<i>Emex spinosa</i> (L.) Campd., (2019)	XX-0-MJG-190045520
793	<i>Fagopyrum esculentum</i> Moench, (2019)	XX-0-MJG-190045530
794	<i>Fagopyrum tataricum</i> (L.) G.Gaertn., (2019)	XX-0-MJG-190045540
795	<i>Fallopia baldschuanica</i> (Regel) Holub, (2020)	XX-0-MJG-195518040

### Primulaceae

796	<i>Androsace maxima</i> L., (2019)	XX-0-MJG-190041460
797	<i>Ardisia purpurea</i> Reinw. ex Blume, (2019)	XX-0-MJG-190054940
798	<i>Lysimachia ephemereum</i> L., (2019)	XX-0-MJG-190065920
799	<i>Primula veris</i> L., (2019)	XX-0-MJG-190055480
800	<i>Samolus valerandi</i> L., (2020)	XX-0-MJG-190065900

### Ranunculaceae

801	<i>Actaea spicata</i> L., (2019)	XX-0-MJG-190020580
802	<i>Aquilegia canadensis</i> L., (2020)	XX-0-MJG-190055450

803	<i>Aquilegia thalictrifolia</i> Schott & Kotschy, (2020)	XX-0-MJG-190076830
804	<i>Clematis campaniflora</i> Brot., (2019)	XX-0-MJG-195017150
805	<i>Clematis integrifolia</i> L., (2020)	XX-0-MJG-190033380
806	<i>Clematis serratifolia</i> Rehder, (2019)	XX-0-MJG-195006250
807	<i>Clematis songarica</i> Bunge, (2019) KGZ: without locality.	KG-0-MJG-201411226
808	<i>Delphinium ajacis</i> L., (2020)	XX-0-MJG-190041540
809	<i>Delphinium consolida</i> L., (2019)	XX-0-MJG-190041550
810	<i>Delphinium hispanicum</i> Costa, (2019) HUN: Jász-Nagykun-Szolnok, Jászkisér. 2006.	HU-0-MJG-200705301
811	<i>Helleborus foetidus</i> L., (2020)	XX-0-MJG-190020340
812	<i>Helleborus lividus</i> subsp. <i>corsicus</i> (Briq.) P.Fourn., (2020)	XX-0-MJG-190020640
813	<i>Leptopyrum fumarioides</i> (L.) Rchb., (2019)	XX-0-MJG-190056520
814	<i>Nigella damascena</i> L., (2019)	XX-0-MJG-190045670
815	<i>Nigella nigellastrum</i> (L.) Willk., (2019)	XX-0-MJG-190045700
816	<i>Nigella sativa</i> L., (2019)	XX-0-MJG-190045710
817	<i>Pulsatilla vulgaris</i> Mill., (2019) DEU: Rheinland-Pfalz, Gangelberg bei Duchroth an der Nahe, 49,788939   7,739954. 2008-05-30. R. Omlor.	DE-0-MJG-200809101
818	<i>Ranunculus lanuginosus</i> L., (2020) AUT: Kärnten, Grafenstein, Gumisch, 470 m, 46 35 52 N   14 29 15 E. 2015-05-30. F. Schlatti.	AT-0-KL-2015/3530
819	<i>Thalictrum foetidum</i> L., (2019)	XX-0-MJG-190069530
820	<i>Thalictrum minus</i> L., (2019) HUN: Veszprém, near Pét village, NE of Lake Balaton, 100 - 500 m, 47,157155   18,108044.	HU-0-MJG-200907019
821	<i>Thalictrum minus</i> subsp. <i>majus</i> (Crantz) Hook.f., (2019)	XX-0-MJG-190034050
822	<i>Thalictrum petaloideum</i> L., (2019) KAZ: Altai Region, Ust-Kalmanskii Distrikt.	KZ-0-BONN-24428

## Resedaceae

823	<i>Reseda luteola</i> L., (2019)	XX-0-MJG-190064080
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## Rhamnaceae

824	<i>Frangula rupestris</i> Schur, (2020)	XX-0-MJG-199201940
825	<i>Hovenia dulcis</i> Thunb., (2019)	XX-0-MJG-195008410
826	<i>Ziziphus jujuba</i> Mill., (2019)	XX-0-MJG-198901370

## Rosaceae

827	<i>Agrimonia eupatoria</i> L., (2020)	XX-0-MJG-190049990
828	<i>Agrimonia procera</i> Wallr., (2019)	XX-0-MJG-190062160
829	<i>Alchemilla alpina</i> L., (2019)	XX-0-MJG-190049630
830	<i>Alchemilla arvensis</i> (L.) Scop., (2019)	XX-0-MJG-190070470
831	<i>Amelanchier ovalis</i> Medik., (2019) DEU: Rheinland-Pfalz, Landkreis Cochem-Zell, Aufstieg zum Calmont bei Eller an der Mosel. 2008-06-15. R. Omlor.	DE-0-MJG-200810001
832	<i>Aruncus dioicus</i> (Walter) Fernald, (2019)	XX-0-MJG-190033450
833	<i>Cercocarpus montanus</i> var. <i>blancheae</i> (C.K.Schneid.) F.L.Martin, (2019) USA: California, Santa Barbara County, Santa Cruz Island, base of Portezuela Grade, near mouth of La Cascada, 400 ft. 2000-07-10.	US-0-MJG-200115111
834	<i>Chamaebatiaria millefolium</i> (Torr.) Maxim., (2019)	XX-0-MJG-199412660
835	<i>Crataegus azarolus</i> L., (2019)	XX-0-MJG-200301604
836	<i>Crataegus monogyna</i> Jacq., (2019)	XX-0-MJG-195002261

837	<i>Crataegus sanguinea</i> Pall., (2019)	XX-0-MJG-195002270
838	<i>Dryas octopetala</i> L., (2019)	XX-0-MJG-190004210
839	<i>Dryocallis rupestris</i> (L.) Soják, (2019)	XX-0-MJG-190045760
840	<i>Filipendula ulmaria</i> (L.) Maxim., (2020)	XX-0-MJG-190049720
841	<i>Filipendula vulgaris</i> Moench, (2019)	XX-0-MJG-190062120
842	<i>Fragaria vesca</i> L., (2019)	XX-0-MJG-190032790
843	<i>Geum rivale</i> L., (2020)	XX-0-MJG-190031160
844	<i>Geum triflorum</i> Pursh, (2020)	XX-0-MJG-190031150
845	<i>Majovskya</i> × <i>ambigua</i> (Decne.) Sennikov & Kurtto, (2020)	XX-0-MJG-190005570
846	<i>Mespilus germanica</i> L., (2019)	XX-0-MJG-198600200
847	<i>Potentilla argentea</i> L., (2019) DEU: Rheinland-Pfalz, Gangelberg bei Duchroth an der Nahe, 49,788939   7,739954. 2009. R. Omlor.	DE-0-MJG-200912015
848	<i>Pseudocydonia sinensis</i> (Thouin) C.K.Schneid., (2020)	XX-0-MJG-195008200
849	<i>Pyrus communis</i> subsp. <i>pyraster</i> (L.) Ehrh., (2019) DEU: Rheinland-Pfalz, without locality. EFA Winnweiler.	DE-0-MJG-200610606
850	<i>Rhodotypos scandens</i> (Thunb.) Makino, (2019)	XX-0-MJG-195008190
851	<i>Rosa pendulina</i> L., (2020)	XX-0-MJG-190019120
852	<i>Rosa rhaetica</i> Gremli, (2020) CHE: Wallis.	CH-0-MJG-200204802
853	<i>Rosa rugosa</i> Thunb., (2020) JPN: Hokkaido Prefecture, Hokkaido Experimental Station for Medical Plants, 98 m, 44 22 N   142 28 E.	JP-0-MJG-200415409
854	<i>Sanguisorba minor</i> Scop., (2020)	XX-0-MJG-190055500
855	<i>Sanguisorba officinalis</i> L., (2019) DEU: Rheinland-Pfalz, Mainz, Laubenheimer-Bodenheimer Ried, Polderrand, 49,944275   8,327744. 2017-08-29. N. Schmalz.	DE-0-MJG-201700482
856	<i>Sorbus koehneana</i> C.K.Schneid., (2020)	XX-0-MJG-197608220

## Rubiaceae

857	<i>Asperula arvensis</i> L., (2019)	XX-0-MJG-190041470
858	<i>Asperula cynanchica</i> L., (2019) AUT: Niederösterreich, Eichkogel, 230-360m, auf Kalk.	AT-0-MJG-199700701
859	<i>Asperula rumelica</i> Boiss., (2019) UKR: Vinnytsia, near Mohyliv-Podilsky town, Ozarynetska mountain between Nemyia i Derlo river, 48,467352   27,792256. 2010-07. U. Becker.	UA-0-MJG-201011245
860	<i>Asperula tinctoria</i> L., (2019)	XX-0-MJG-190045770
861	<i>Crucianella angustifolia</i> L., (2019)	XX-0-MJG-190047610
862	<i>Rubia peregrina</i> L., (2019)	XX-0-MJG-190032110
863	<i>Rubia tinctorum</i> L., (2020)	XX-0-MJG-190040500
864	<i>Sherardia arvensis</i> L., (2019)	XX-0-MJG-190041660
865	<i>Valantia hispida</i> L., (2019)	XX-0-MJG-190047650

## Rutaceae

866	<i>Citrus trifoliata</i> L., (2019)	XX-0-MJG-190008360
867	<i>Dictamnus albus</i> L., (2020)	XX-0-MJG-201600325
868	<i>Erythrochiton brasiliensis</i> Nees & Mart., (2020)	XX-0-MJG-190036710
869	<i>Orixa japonica</i> Thunb., (2020)	XX-0-STR-1968005
870	<i>Ptelea trifoliata</i> L., (2019)	XX-0-MJG-200301611
871	<i>Ruta graveolens</i> L., (2020)	XX-0-MJG-190001610
872	<i>Zanthoxylum bungeanum</i> Maxim., (2020)	XX-0-MJG-198908340

## Sapindaceae

- 873 *Acer pseudoplatanus* L., (2019) XX-0-MJG-195000230  
874 *Acer tataricum* L. subsp. *tataricum*, (2019) HU-0-MJG-200812531  
HUN: Hajdu-Bihar, Hortobágy Nemzeti Park, Újszentmargita, 47° 44.03 N |  
21° 05.58 E. 2008-07-21. R. Omlor & M. Höhn.  
875 *Cardiospermum halicacabum* L., (2019) XX-0-MJG-190038022  
876 *Serjania mexicana* (L.) Willd., (2019) XX-0-MJG-190031870

## Saururaceae

- 877 *Saururus cernuus* L., (2019) XX-0-MJG-190023320

## Saxifragaceae

- 878 *Astilbe thunbergii* var. *congesta* Boissieu, (2019) XX-0-MJG-190063940  
879 *Astilboides tabularis* (Hemsl.) Engl., (2019) XX-0-MJG-190033580  
880 *Elmera racemosa* (S.Wats.) Rydb., (2020) XX-0-MJG-200406801  
881 *Heuchera pulchella* Wooton & Standl., (2019) US-0-MJG-200505001  
USA: New Mexico, Lincoln County, 2800 m.  
882 *Rodgersia pinnata* Franch., (2019) XX-0-MJG-190050250  
883 *Saxifraga rotundifolia* L., (2019) XX-0-MJG-190032970  
884 *Tellima grandiflora* (Pursh) Douglas ex Lindl., (2019) XX-0-MJG-190037720

## Scrophulariaceae

- 885 *Diascia barberae* Hook.f., (2020) XX-0-MJG-190047680  
886 *Nemesia floribunda* Lehm., (2019) XX-0-MJG-190069440  
887 *Scrophularia auriculata* L., (2019) FR-0-MJG-199707704  
FRA: Aquitaine, Département Gironde, Ambarès, berges argilo-limoneuses de la  
Gironde. 1996. P. Richard.  
888 *Scrophularia chrysantha* Jaub. & Spach, (2019) XX-0-MJG-190039730  
889 *Scrophularia grandiflora* DC., (2020) XX-0-MJG-190023060  
890 *Scrophularia peregrina* L., (2019) XX-0-MJG-190039760  
891 *Verbascum nigrum* L., (2019) AT-0-KL-2006/177  
AUT: Klagenfurt-Viktring, 46 34 44.30 N | 14 16 40.80 E. 2005.  
892 *Verbascum phlomoides* L., (2019) XX-0-MJG-190039140  
893 *Verbascum phoeniceum* L., (2019) HU-0-MJG-200812537  
HUN: Szabolcs-Szatmár-Bereg, N of Bátorliget, 481 ft, 47° 46.56' N | 22° 18.82' E.  
2008-07-23. R. Omlor & M. Höhn.  
894 *Verbascum phoeniceum* L., (2019) XX-0-MJG-200103802

## Solanaceae

- 895 *Atropa bella-donna* L., (2020) XX-0-MJG-190020360  
896 *Capsicum frutescens* L., (2019) XX-0-MJG-190039050  
897 *Datura stramonium* L., (2019) XX-0-MJG-190039970  
898 *Mandragora officinarum* L., (2019) XX-0-MJG-190033530  
899 *Nicotiana × sanderae* W.Watson, (2019) XX-0-MJG-190063290  
900 *Nicotiana acuminata* (Graham) Hook., (2020) XX-0-MJG-190047030  
901 *Nicotiana glauca* Graham, (2020) XX-0-MJG-190038010  
902 *Nicotiana langsdorffii* Weinm., (2019) XX-0-STGAL-430/1998  
903 *Nicotiana megalosiphon* Heurck & Müll.Arg., (2019) XX-0-MJG-190047040  
904 *Nicotiana rustica* L., (2020) XX-0-MJG-190039890  
905 *Nicotiana tabacum* L., (2019) XX-0-MJG-190039340  
906 *Physochlaina orientalis* (M.Bieb.) G.Don, (2019) XX-0-MJG-190038980

### **Styracaceae**

907 *Pterostyrax hispidus* Siebold & Zucc., (2020) XX-0-MJG-195006750

### **Talinaceae**

908 *Talinum paniculatum* (Jacq.) Gaertn., (2019) XX-0-MJG-190052210

### **Taxaceae**

909 *Taxus baccata* L., (2020) XX-0-MJG-190000020

### **Tropaeolaceae**

910 *Tropaeolum majus* L., (2020) XX-0-MJG-190045790

### **Urticaceae**

911 *Forsskaolea angustifolia* Retz., (2019) XX-0-MJG-190045830

912 *Urtica pilulifera* L., (2020) XX-0-MJG-190055550

### **Verbenaceae**

913 *Lantana camara* L., (2019) XX-0-MJG-190038800

914 *Verbena canadensis* (L.) Britton, (2019) XX-0-MJG-190038820

915 *Verbena hastata* L., (2019) XX-0-MJG-190038830

916 *Verbena officinalis* L., (2019) XX-0-MJG-200801005

917 *Verbena urticifolia* L., (2019) XX-0-MJG-190038860

### **Viburnaceae**

918 *Viburnum utile* Hemsl., (2020) XX-0-MJG-195019470

### **Violaceae**

919 *Viola elatior* Fr., (2019) XX-0-MJG-199702923

### **Vitaceae**

920 *Ampelopsis aconitifolia* Bunge, (2020) XX-0-MJG-195017520

921 *Ampelopsis brevipedunculata* (Maxim.) Trautv., (2020) XX-0-MJG-195017510

922 *Ampelopsis glandulosa* var. *heterophylla* (Thunb.) Momiy., (2020) XX-0-MJG-190017511

923 *Cyphostemma juttiae* (Dinter & Gilg) Desc., (2020) XX-0-MJG-190055560

924 *Nekemias megalophylla* (Diels & Gilg) J.Wen & Z.L.Nie, (2020) XX-0-MJG-195017530

925 *Parthenocissus inserta* (A.Kern.) Fritsch, (2020) XX-0-MJG-195017480

926 *Parthenocissus tricuspidata* (Siebold & Zucc.) Planch., (2020) XX-0-MJG-195017500

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Die Nummern hinter den Pflanzennamen sind IPEN Nummern. Sie setzen sich zusammen aus dem zweistelligen ISO-Ländercode des Herkunftslandes der Pflanzen („XX“ bedeutet Herkunftsland undokumentiert), einer Codenummer zur Kennzeichnung spezieller Weitergabebeschränkungen („1“ spezielle Beschränkungen, „0“ keine), sowie aus dem Akronym (MJG) und der Akzessionsnummer des Mainzer Gartens. Bitte dokumentieren Sie die IPEN-Nummer sorgfältig und geben Sie das Pflanzenmaterial nur in Verbindung mit dieser IPEN-Nummer unter Beachtung der Weitergabebedingungen des Mainzer Gartens an andere Gärten oder Institutionen weiter (siehe Bestellformular).

## **Origin of seeds**

The seeds are derived from open-pollinated plants cultivated in the Botanic Garden of the Johannes Gutenberg-University Mainz. No guarantee can be given either on the purity or the germination of the seeds.

The numbers behind the plant names are IPEN numbers. They consist of the ISO country code (two positions) of the country of origin of the plant material (“XX” for unknown origin), a code number for special restrictions of transfer (“1” special restrictions exist, “0” none) and the acronym (MJG) and the accession number of the Mainz Botanic Garden. Please document and preserve the IPEN numbers and exchange the plant material only in conjunction with the original IPEN numbers and on the basis and under the conditions of the material transfer agreement (see order form).

## **Vereinbarung über die Bereitstellung von Pflanzenmaterial durch den Botanischen Garten der Johannes Gutenberg-Universität Mainz für nicht kommerzielle Zwecke**

Im Sinne des Übereinkommens über die Biologische Vielfalt (Convention on Biological Diversity, CBD) und des Nagoya-Protokolls über den Zugang zu genetischen Ressourcen und die ausgewogene und gerechte Aufteilung der sich aus ihrer Nutzung ergebenden Vorteile ist der Botanische Garten der Johannes Gutenberg-Universität Mainz (im Folgenden bezeichnet als „der Geber“) bestrebt, die Erhaltung, nachhaltige Nutzung und Erforschung der Biologischen Vielfalt zu fördern. Der Geber erwartet daher von seinen Partnern bei der Aufnahme, Bewahrung und Weitergabe von Pflanzenmaterial, dass sie stets im Einklang mit den Regelungen der CBD, des Nagoya-Protokolls und der Konvention über den internationalen Handel mit bedrohten Arten (CITES) handeln.

Mit der Übernahme des Pflanzenmaterials geht die Verantwortung für rechtskonformen Umgang mit dem unten aufgeführten Material auf den Empfänger über. Das Pflanzenmaterial wird unter den nachfolgenden Bedingungen ausgehändigt. Diese Bedingungen entsprechen dem Kodex des International Plant Exchange Network (IPEN), dessen Mitglied der Botanische Garten der Johannes Gutenberg-Universität ist:

1. Der Empfänger darf das ausgehändigte Pflanzenmaterial, inklusive jeglicher Abkömmlinge und Derivate daraus, **nur für nicht-kommerzielle Zwecke** wie wissenschaftliche Untersuchungen, Bildung und Naturschutz verwenden. Beabsichtigt der Empfänger zu einem späteren Zeitpunkt eine kommerzielle Nutzung oder eine Weitergabe zur kommerziellen Nutzung, so muss er vor der Nutzung bzw. Abgabe des Materials dafür die schriftliche Zustimmung des Ursprungslandes (prior informed consent, PIC) einholen.
2. Der Empfänger muss für **gerechten Vorteilsausgleich** im Einklang mit der CBD und dem Nagoya-Protokoll Sorge tragen.
3. Der Empfänger muss **jegliche Informationen über das übernommene Pflanzenmaterial**, inklusive Herkunft (Geber, Ursprungsland, Sammeljahr) und IPEN-Nummer, sowie die Bedingungen, zu denen es aufgenommen und weitergegeben wurde, in nachvollziehbarer Weise **aufbewahren**.
4. Wenn auf Grundlage des bereitgestellten Pflanzenmaterials wissenschaftliche Publikationen erarbeitet werden, ist der Empfänger verpflichtet, **in diesen Publikationen die Herkunft des Pflanzenmaterials** und die IPEN-Nummer anzugeben. Dem Geber ist unaufgefordert eine Kopie dieser Publikationen zuzusenden.
5. Auf Anfrage wird der Geber **relevante Informationen über diesen Materialtransfer** an die mit der Umsetzung des Nagoya-Protokolls beauftragte Behörde weiterleiten<sup>1</sup>.
6. Der Empfänger darf das erhaltene Pflanzenmaterial, inklusive jeglicher Abkömmlinge und Derivate daraus, **nur für nicht-kommerzielle Zwecke an vertrauenswürdige Dritte weitergeben**. Die Weitergabe muss unter denselben Bedingungen, inklusive der Verpflichtung zum Verwenden, Weitergeben und Zitieren der IPEN-Nummer, erfolgen. Der Empfänger muss die Weitergabe nachvollziehbar dokumentieren.

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Ich akzeptiere die oben genannten Bedingungen.

Datum, Unterschrift

Name und Adresse des Empfängers, ggf. Stempel

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<sup>1</sup> Für gewöhnlich die zuständige Behörde im Land des Gebers

**An den  
Botanischen Garten der  
Johannes Gutenberg-Universität  
D-55099 Mainz  
Germany**

## **DESIDERATA 2021**

Bitte senden Sie uns Ihre Bestellung bis Ende März 2021.

***Please send us your order until the End of March 2021.***

(max. 25 Taxa!)


**Mitglieder des *International Plant Exchange Network* (IPEN) können formlos und auch per E-Mail bestellen. Institutionen, die nicht als IPEN-Mitglieder registriert sind, erhalten ihre Desiderate nur bei Zusendung der unterschriebenen Materialweitergabvereinbarung.**

***Members of the International Plant Exchange Network (IPEN) can order informally and by e-mail. Institutions which are not registered as IPEN members receive their desiderata only by sending us the signed material supply agreement.***

Absender / Your address



## Agreement on the supply of living plant material by the Johannes Gutenberg University Mainz Botanic Garden for non-commercial purposes

Against the background of the Convention on Biological Diversity (CBD) and the Nagoya Protocol on Access to Genetic Resources and the Fair and Equitable Sharing of Benefits Arising from their Utilization to the Convention on Biological Diversity, the Johannes Gutenberg University Mainz Botanic Garden is dedicated to promoting the conservation, sustainable use, and research of biological diversity. The Johannes Gutenberg University Mainz Botanic Garden (the “supplier”) therefore expect 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).

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 the Johannes Gutenberg University Mainz 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 non-commercial 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>1</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. The recipient must document the transfer in a suitable manner.

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I accept the above conditions.

Date, Signature

Recipient’s name, stamp

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<sup>1</sup> usually the competent national authority in the supplier’s home country

## Impressum

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Redaktion: Dr. Ralf Omlor & Berthold Meyer (Januar 2021)

**Pan-European seed list search:** seminumsystem2021, seminumipen2021