



Botanischer Garten der Johannes Gutenberg-Universität Mainz

Botanic Garden of the Johannes Gutenberg University Mainz Germany

Hortus Botanicus Universitatis Moguntinae

(MJG)

Index Seminum 2017

Der Botanische Garten der Johannes Gutenberg-Universität wurde 1946 gegründet und ist dem Institut für Spezielle Botanik im Fachbereich Biologie angegliedert. Auf einer Fläche von rund 9 ha (davon 2500 m² unter Glas) werden etwa 8000 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 der bedrohten 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; www.bgci.org/resources/ipen/). 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 was founded in 1946 and is part of the Institut für Spezielle Botanik at the Department of Biology. The Garden covers an area of nearly 9 ha (2500 m² 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; www.bgci.org/resources/ipen/). 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.

Lage und Klima¹

Geographische Breite: 50° 0' N
Geographische Länge: 8° 15' E
Höhe über NN: 120 bis 127,5 m

	Mittlere Lufttemperatur (30-jähriges Mittel) in °C	Mittlere Niederschläge (30-jähriges Mittel) in mm
Januar	1,7	42
Februar	2,6	38
März	6,5	44
April	9,9	43
Mai	14,7	59
Juni	17,6	60
Juli	19,7	67
August	19,3	46
September	15,0	48
Oktober	9,9	54
November	5,2	50
Dezember	3,0	54
Jahresdurchschnitt	10,5	605

Mittleres tägliches Minimum des kältesten Monats	- 0,5° C
Mittleres tägliches Maximum des wärmsten Monats	25,0° C
Mittlere jährliche Sonnenscheindauer (für Frankfurt/Flugh.)	1614 h
Mittleres Datum des ersten Frostes	04. Nov.
Mittleres Datum des letzten Frostes	06. April
Mittlere Dauer der frostfreien Periode	213 d
Mittlere Zahl der Tage mit Schneedecke	17 d
Temperaturmaximum (11. Aug. 1998)	38,1° C
Temperaturminimum (01. Jan. 1979)	- 16,8° C
Niederschläge Minimum (1976)	368 mm
Niederschläge Maximum (1981)	958 mm

¹ mit Ausnahme der Sonnenscheindauer beziehen sich alle Klimadaten auf die Stadt Mainz für die Periode 1971-2000. Quelle: Deutscher Wetterdienst, Daten-Ausgabe 1251/01.

Herkunft der Samen

Alle Samen stammen aus offener, unkontrollierter Bestäubung von Pflanzen, die im Botanischen Garten der Johannes Gutenberg-Universität Mainz kultiviert werden. Wir übernehmen keine Garantie für die Reinheit und den Keimungserfolg des Saatgutes.

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).

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MJG

Botanischer Garten
Johannes Gutenberg-Universität Mainz
Germany

Seeds collected in the Botanic Garden

Acanthaceae

- 1 ***Acanthus hungaricus* (Borbás) Baen.**
2016. Acc: 190039700, lpen: XX-0-MJG-190039700. Det. by a taxonomist.
- 2 ***Acanthus mollis* L.**
2016. Acc: 190047770, lpen: XX-0-MJG-190047770. Det. by a taxonomist.
- 3 ***Acanthus spinosus* L.**
2016. Acc: 190039650, lpen: XX-0-MJG-190039650. Det. by a taxonomist.
- 4 ***Crossandra nilotica* Oliv.**
2016. Acc: 190026650, lpen: XX-0-MJG-19--26650. Det. by a taxonomist.
- 5 ***Ruellia humilis* Nutt.**
2016. Acc: 190069420, lpen: XX-0-MJG-19--69420. Det. by a taxonomist.
- 6 ***Ruellia strepens* L.**
2016. Acc: 190069430, lpen: XX-0-MJG-19--69430. Det. by a taxonomist.
- 7 ***Schaueria flavicoma* (Lindl.) N.E.Br.**
2016. Acc: 190077250, lpen: XX-0-MJG-19--77250. Det. by a taxonomist.
- 8 ***Thunbergia alata* Bojer ex Sims**
2016. Acc: 190045840, lpen: XX-0-MJG-19--45840. Det. by a taxonomist.

Actinidiaceae

- 9 ***Actinidia arguta* (Siebold & Zucc.) Planch. ex Miq.**
2016. Acc: 195017230, lpen: XX-0-MJG-195017230. Det. by a taxonomist.
- 10 ***Actinidia melanandra* Franch.**
2016. Acc: 195017240, lpen: XX-0-MJG-195017240. Det. by a taxonomist.

Adoxaceae

- 11 ***Viburnum henryi* Hemsl.**
2016. Acc: 199504270, lpen: XX-0-MJG-199504270. Det. by a taxonomist.
- 12 ***Viburnum lentago* L.**
2016. Acc: 195014420, lpen: XX-0-MJG-195014420. Det. by a taxonomist.
- 13 ***Viburnum utile* Hemsl.**
2016. Acc: 195019470, lpen: XX-0-MJG-195019470. Det. by a taxonomist.

Aizoaceae

- 14 ***Aethephyllum pinnatifidum* (L.f.) N.E.Br.**
2016. Acc: 190037320, lpen: XX-0-MJG-19--37320. Det. by a taxonomist.
- 15 ***Aptenia cordifolia* (L.f.) N.E.Br.**
2016. Acc: 190064520, lpen: XX-0-MJG-19--64520. Det. by a taxonomist.
- 16 ***Carpanthea pomeridiana* (L.) N.E.Br.**
2016. Acc: 190037330, lpen: XX-0-MJG-19--37330. Det. by a taxonomist.
- 17 ***Delosperma cooperi* (Hook.f.) L.Bolus**
2016. Acc: 190037340, lpen: XX-0-MJG-19--37340. Det. by a taxonomist.
- 18 ***Dorotheanthus gramineus* (Haw.) Schwantes**
2016. Acc: 199704115, lpen: XX-0-MJG-199704115. Det. by a taxonomist.
- 19 ***Mesembryanthemum crystallinum* L.**
2016. Acc: 190037350, lpen: XX-0-MJG-19--37350. Det. by a taxonomist.
- 20 ***Tetragonia tetragonioides* (Pall.) Kuntze**
2016. Acc: 201109802, lpen: JP-0-MJG-201109802, JPN: Kanagawa Prefecture, Miura-shi. Not determined.

Alismataceae

- 21 ***Alisma plantago-aquatica* L.**
2016. Acc: 190020940, lpen: XX-0-MJG-19--20940. Det. by a taxonomist.

Amaranthaceae

- 22 ***Achyranthes aspera* L.**
2016. Acc: 190069210, lpen: XX-0-MJG-19--69210. Det. by a taxonomist.
- 23 ***Alternanthera sessilis* (L.) R.Br. ex DC.**
2016. Acc: 190077480, lpen: XX-0-MJG-190077480. Det. by a taxonomist.
- 24 ***Amaranthus albus* L.**
2016. Acc: 190069180, lpen: XX-0-MJG-19--69180. Det. by a taxonomist.
- 25 ***Amaranthus hypochondriacus* L.**
2016. Acc: 190069200, lpen: XX-0-MJG-19--69200. Det. by a taxonomist.
- 26 ***Atriplex hortensis* L.**
2016. Acc: 190063200, lpen: XX-0-MJG-19--63200. Det. by a taxonomist.
- 27 ***Atriplex rosea* L.**
2016. Acc: 190069240, lpen: XX-0-MJG-19--69240. Det. by a taxonomist.
- 28 ***Bassia hyssopifolia* (Pall.) Kuntze**
2016. Acc: 190066780, lpen: XX-0-MJG-19--66780. Det. by a taxonomist.

- 29 ***Beta vulgaris* subsp. *maritima* (L.) Arcang.**
2016. Acc: 200710903, lpen: DK-0-MJG-200710903, DNK: Ostjütland, Ostseite der Halbinsel Helgenes, Strandbereich. 2007. R. Omlor. Det. by a taxonomist.
- 30 ***Celosia argentea* L.**
2016. Acc: 190037440, lpen: XX-0-MJG-19--37440. Det. by a taxonomist.
- 31 ***Chenopodium bonus-henricus* L.**
2016. Acc: 190063190, lpen: XX-0-MJG-19--63190. Det. by a taxonomist.
- 32 ***Chenopodium foliosum* Asch.**
2016. Acc: 190044060, lpen: XX-0-MJG-19--44060. Det. by a taxonomist.
- 33 ***Froelichia floridana* (Nutt.) Moq.**
2016. Acc: 200901401, lpen: XX-0-MJG-200901401. Det. by a taxonomist.
- 34 ***Gomphrena globosa* L.**
2016. Acc: 190037470, lpen: XX-0-MJG-19--37470. Det. by a taxonomist.
- 35 ***Gomphrena haageana* Klotzsch**
2016. Acc: 190037480, lpen: XX-0-MJG-19--37480. Det. by a taxonomist.
- 36 ***Salsola kali* L. subsp. *iberica* (Sennen & Pau) Rilke**
2016. Acc: 201508001, lpen: DE-0-MJG-201508001, DEU: Rheinland-Pfalz, Mainz, NSG Mainzer Sand, 50,011917 | 8,212023. 2015-02-04. R. Omlor. Det. by a taxonomist.

Amaryllidaceae

- 37 ***Agapanthus africanus* (L.) Hoffmanns.**
2016. Acc: 190053170, lpen: XX-0-MJG-19--53170. Det. by a taxonomist.
- 38 ***Allium angulosum* L.**
2016. Acc: 190037360, lpen: XX-0-MJG-19--37360. Det. by a taxonomist.
- 39 ***Allium flavum* L.**
2016. Acc: 200704802, lpen: AT-0-OSN-05-30-001, AUT: Niederösterreich, Kogelsteine bei Eggenburg, 48,641303 | 15,854731. Det. by a taxonomic specialist.
- 40 ***Allium karataviense* Regel**
2016. Acc: 190037390, lpen: XX-0-MJG-19--37390. Det. by a taxonomist.
- 41 ***Allium moly* L.**
2016. Acc: 190033460, lpen: XX-0-MJG-19--33460. Det. by a taxonomist.
- 42 ***Allium obliquum* L.**
2016. Acc: 200704805, lpen: XX-0-OSN-03-07-007. Det. by a taxonomic specialist.
- 43 ***Allium oleraceum* L.**
2016. Acc: 200606915, lpen: DE-0-MJG-200606915, DEU: Rheinland-Pfalz, Bacharach, Orionsteig, Felsen nordwestlich der Stadt., 50,062043 | 7,765896. 2006-07-20. R. Omlor & B. Mengel. Det. by a taxonomist.
- 44 ***Allium schoenoprasum* L.**
2016. Acc: 190037410, lpen: XX-0-MJG-19--37410. Det. by a taxonomist.
- 45 ***Allium senescens* L. subsp. *senescens***
2016. Acc: 190052250, lpen: XX-0-MJG-19--52250. Det. by a taxonomist.
- 46 ***Allium tuberosum* Rottler ex Spreng.**
2016. Acc: 190038110, lpen: XX-0-MJG-19--38110. Det. by a taxonomist.

- 47 ***Narcissus jonquilla* L.**
2016. Acc: 199820305, lpen: XX-0-MJG-199820305. Det. by a taxonomist.
- 48 ***Nothoscordum gracile* (Ait.) Stearn**
2016. Acc: 190037430, lpen: XX-0-MJG-19--37430. Det. by a taxonomist.

Anacardiaceae

- 49 ***Cotinus coggygria* Scop.**
2016. Acc: 200812540, lpen: HU-0-MJG-200812540, HUN: Fejér, W of Csákvár, 47° 23.25' N | 18° 26.32 E. 2008-07-25. R. Omlor & M. Höhn.

Annonaceae

- 50 ***Asimina triloba* (L.) Dunal**
2016. Acc: 199329790, lpen: XX-0-MJG-199329790. Det. by a horticulturist.
- 51 ***Asimina triloba* (L.) Dunal**
2016. Acc: 199414760, lpen: XX-0-MJG-199414760. Det. by a taxonomist.

Apiaceae

- 52 ***Aethusa cynapium* L.**
2016. Acc: 190024190, lpen: XX-0-MJG-19--24190. Det. by a taxonomist.
- 53 ***Ammi majus* L.**
2016. Acc: 190066000, lpen: XX-0-MJG-19--66000. Det. by a taxonomist.
- 54 ***Angelica archangelica* L.**
2016. Acc: 190058570, lpen: XX-0-MJG-19--58570. Det. by a taxonomist.
- 55 ***Astrantia major* L.**
2016. Acc: 190032730, lpen: XX-0-MJG-19--32730. Det. by a taxonomist.
- 56 ***Capnophyllum peregrinum* (L.) Lange**
2016. Acc: 190045810, lpen: XX-0-MJG-19--45810. Det. by a taxonomist.
- 57 ***Chaerophyllum aureum* L.**
2016. Acc: 190065980, lpen: XX-0-MJG-19--65980. Det. by a taxonomist.
- 58 ***Cnidium dubium* (Schkuhr) Thell**
2016. Acc: 199701315, lpen: XX-0-MJG-199701315. Det. by a taxonomist.
- 59 ***Eryngium amethystinum* L.**
2016. Acc: 190024050, lpen: XX-0-MJG-19--24050. Det. by a taxonomist.
- 60 ***Eryngium maritimum* L.**
2016. Acc: 200809602, lpen: TR-0-MJG-200809602, TUR: Mittelmeerküste zwischen Manavgat und Alanya, bei Avsallar. Det. by a taxonomist.
- 61 ***Ferula glabra* Rech.f. & H.Riedl.**
2016. Acc: 200903102, lpen: XX-0-MJG-200903102. Det. by a taxonomist.
- 62 ***Heptaptera triquetra* (Vent.) Tutin**
2016. Acc: 200811623, lpen: GR-0-B-2320101, GRC: Peleponnes, Nomos Achaïas, N Pteri, 600m, Strid 51405. Det. by a taxonomist.
- 63 ***Laserpitium siler* L.**
2016. Acc: 200803820, lpen: FR-0-MJG-200803820, FRA: Rhône Alpes, Département Savoie, La Lèchère, La Croix du Saugé, 1315 m. Det. by a taxonomist.

- 64 ***Ligusticum mutellina* (L.) Crantz**
2016. Acc: 200202809, lpen: XX-0-MJG-200202809. Det. by a taxonomist.
- 65 ***Oenanthe silaifolia* M.Bieb.**
2016. Acc: 200901340, lpen: XX-0-MJG-200901340. Det. by a taxonomist.
- 66 ***Orlaya grandiflora* (L.) Hoffm.**
2016. Acc: 190041610, lpen: XX-0-MJG-19--41610. Det. by a taxonomist.
- 67 ***Peucedanum alsaticum* L.**
2016. Acc: 197855400, lpen: DE-0-MJG-197855400, DEU: Rheinland-Pfalz, Bleichkopf, NO Jugenheim, WSW Stackeden, MTB 6014, 230 m. 1978-06-06. Det. by a taxonomist.
- 68 ***Peucedanum cervaria* (L.) Lapeyr.**
2016. Acc: 200711602, lpen: DE-0-MJG-200711602, DEU: Rheinland-Pfalz, Landkreis Mainz-Bingen, Nackenheim, "Roter Hang", 49,910621 | 8,34487. 2007-09-16. R. Omlor. Det. by a taxonomist.
- 69 ***Peucedanum oreoselinum* (L.) Moench**
2016. Acc: 198224210, lpen: DE-0-MJG-198224210, DEU: Rheinland-Pfalz, Mainz, NSG Mainzer Sand, 50,011917 | 8,212023. 1982. U. Hecker. Det. by a taxonomist.
- 70 ***Peucedanum ostruthium* (L.) W.D.J.Koch**
2016. Acc: 190058640, lpen: XX-0-MJG-190058640. Det. by a taxonomist.
- 71 ***Physospermum cornubiense* DC.**
2016. Acc: 201005201, lpen: XX-0-MJG-201005201. Det. by a taxonomist.
- 72 ***Pimpinella major* (L.) Huds.**
2016. Acc: 190055410, lpen: XX-0-MJG-19--55410. Det. by a taxonomist.
- 73 ***Pleurospermum austriacum* (L.) Hoffm.**
2016. Acc: 190065950, lpen: XX-0-MJG-19--65950. Det. by a taxonomist.
- 74 ***Scandix pecten-veneris* L.**
2016. Acc: 190041650, lpen: XX-0-MJG-19--41650. Det. by a taxonomist.
- 75 ***Seseli libanotis* (L.) W.D.J.Koch**
2016. Acc: 200713004, lpen: DE-0-MJG-200713004, DEU: Rheinland-Pfalz, Cochem an der Mosel, sonnige Felsen am Pinnerkreuz. 2007-10-06. R. Omlor. Det. by a taxonomist.
- 76 ***Seseli osseum* Crantz**
2016. Acc: 200907018, lpen: HU-0-MJG-200907018, HUN: Veszprém, near Pét village, NE of Lake Balaton, 100 - 500 m, 47,157155 | 18,108044. Det. by a taxonomist.
- 77 ***Silaum besserii* (DC.) Grossh.**
2016. Acc: 200402604, lpen: XX-0-MJG-200402604. Det. by a taxonomist.
- 78 ***Sium latifolium* L.**
2016. Acc: 190023170, lpen: XX-0-MJG-19--23170. Det. by a taxonomist.
- 79 ***Smyrniium perfoliatum* L.**
2016. Acc: 190022910, lpen: XX-0-MJG-19--22910. Det. by a taxonomist.
- 80 ***Zizia aurea* (L.) W.D.J.Koch**
2016. Acc: 200400607, lpen: XX-0-MJG-200400607. Det. by a taxonomist.

Apocynaceae

- 81 ***Acokanthera oblongifolia* (Hochst.) Benth. & Hook.f. ex B.D.Jacks**
2016. Acc: 190031420, Ipen: XX-0-MJG-190031420. Det. by a taxonomist.
- 82 ***Araujia sericifera* Brot.**
2016. Acc: 200108703, Ipen: XX-0-MJG-200108703. Det. by a taxonomist.
- 83 ***Asclepias fruticosa* L.**
2016. Acc: 200201802, Ipen: XX-0-MJG-200201802.
- 84 ***Asclepias incarnata* L.**
2016. Acc: 200800201, Ipen: XX-0-MJG-200800201.
- 85 ***Catharanthus roseus* (L.) G.Don**
2016. Acc: 190038660, Ipen: XX-0-MJG-19--38660. Det. by a taxonomist.
- 86 ***Rauvolfia tetraphylla* L.**
2016. Acc: 200016617, Ipen: XX-0-MJG-200016617. Det. by a taxonomist.
- 87 ***Tweedia caerulea* D.Don**
2016. Acc: 190063010, Ipen: XX-0-MJG-19--63010. Det. by a taxonomist.

Araceae

- 88 ***Anthurium schlechtendalii* Kunth**
2016. Acc: 190057690, Ipen: XX-0-MJG-190057690. Det. by a taxonomist.
- 89 ***Arisaema triphyllum* (L.) Torr.**
2016. Acc: 200076780, Ipen: XX-0-MJG-200076780. Det. by a taxonomist.
- 90 ***Calla palustris* L.**
2016. Acc: 190062950, Ipen: XX-0-MJG-190062950. Det. by a taxonomist.
- 91 ***Pothos scandens* L.**
2016. Acc: 190057260, Ipen: XX-0-MJG-190057260. Det. by a taxonomist.

Arecaceae

- 92 ***Chamaedorea elegans* Mart.**
2016. Acc: 198728420, Ipen: XX-0-MJG-198728420. Det. by a taxonomist.

Asparagaceae

- 93 ***Anthericum ramosum* L.**
2016. Acc: 200711403, Ipen: DE-0-MJG-200711403, DEU: Rheinland-Pfalz, Mainz, NSG Mainzer Sand, 50,011917 | 8,212023. 2007-09-11. R. Omlor & B. Mengel. Det. by a taxonomist.
- 94 ***Asparagus verticillatus* L.**
2016. Acc: 190040380, Ipen: XX-0-MJG-19--40380. Det. by a taxonomist.
- 95 ***Bellevalia romana* (L.) Sweet**
2016. Acc: 190062500, Ipen: XX-0-MJG-19--62500. Det. by a taxonomist.
- 96 ***Beschorneria yuccoides* K.Koch**
2016. Acc: 199901119, Ipen: XX-0-MJG -199901119. Det. by a taxonomist.
- 97 ***Brimeura amethystina* (L.) Chouard**
2016. Acc: 190044670, Ipen: XX-0-MJG-19--44670. Det. by a taxonomist.
- 98 ***Camassia quamash* (Pursh) Greene**

2016. Acc: 190036230, Ipen: XX-0-MJG-19--36230. Det. by a taxonomist.
- 99 ***Convallaria majalis* L.**
2016. Acc: 190040330, Ipen: XX-0-MJG-19--40330. Det. by a taxonomist.
- 100 ***Danae racemosa* (L.) Moench**
2016. Acc: 190015340, Ipen: XX-0-MJG-19--15340. Det. by a taxonomist.
- 101 ***Dipcadi serotinum* (L.) Medik.**
2016. Acc: 190044680, Ipen: XX-0-MJG-19--44680. Det. by a taxonomist.
- 102 ***Eucomis comosa* (Houtt.) H.R.Wehrh.**
2016. Acc: 199668840, Ipen: XX-0-MJG-199668840. Det. by a taxonomist.
- 103 ***Hosta sieboldiana* Engl.**
2016. Acc: 190027500, Ipen: XX-0-MJG-19--27500. Det. by a taxonomist.
- 104 ***Hyacinthoides non-scripta* (L.) Chouard ex Rothm.**
2016. Acc: 190033520, Ipen: XX-0-MJG-19--33520. Det. by a taxonomist.
- 105 ***Liriope spicata* (Thunb.) Lour.**
2016. Acc: 190044190, Ipen: XX-0-MJG-19--44190. Det. by a taxonomist.
- 106 ***Muscari armeniacum* Leichtlin ex Baker**
2016. Acc: 190022480, Ipen: XX-0-MJG-19--22480. Det. by a taxonomist.
- 107 ***Muscari azureum* Fenzl**
2016. Acc: 200217004, Ipen: XX-0-MJG-200217004. Det. by a taxonomist.
- 108 ***Muscari comosum* (L.) Mill.**
2016. Acc: 201011212, Ipen: UA-0-MJG-201011212, UKR: Vinnytsia, Cheche-lnytsky district, Romashkovo, 48,24592 | 29,30517. 2010-07. U. Becker. Det. by a taxonomist.
- 109 ***Muscari latifolium* Kirk**
2016. Acc: 200608504, Ipen: XX-0-MJG-200608504. Det. by a taxonomist.
- 110 ***Polygonatum hirtum* (Poir.) Pursh**
2016. Acc: 190038370, Ipen: XX-0-MJG-19--38370. Det. by a taxonomist.
- 111 ***Polygonatum multiflorum* (L.) All.**
2016. Acc: 190044200, Ipen: XX-0-MJG-19--44200. Det. by a taxonomist.
- 112 ***Polygonatum odoratum* (Mill.) Druce**
2016. Acc: 190020660, Ipen: XX-0-MJG-19--20660. Det. by a taxonomist.
- 113 ***Ruscus aculeatus* L.**
2016. Acc: 190015350, Ipen: XX-0-MJG-19--15350. Det. by a taxonomist.
- 114 ***Scilla scilloides* (Lindl.) Druce**
2016. Acc: 190068850, Ipen: XX-0-MJG-19--68850. Det. by a taxonomist.

Asphodelaceae

- 115 ***Asphodeline liburnica* (Scop.) Rchb.**
2016. Acc: 190037540, Ipen: XX-0-MJG-19--37540. Det. by a taxonomist.
- 116 ***Asphodeline lutea* (L.) Rchb.**
2016. Acc: 190033060, Ipen: XX-0-MJG-19--33060. Det. by a taxonomist.
- 117 ***Asphodelus fistulosus* L.**
2016. Acc: 199718212, Ipen: IT-0-MJG-199718212, ITA: Nord-Apulien, Gar-gano. 1997. M. Quint. Det. by a taxonomist.

- 118 *Bulbine semibarbata* (R.Br.) Haw.**
2016. Acc: 190067050, lpen: XX-0-MJG-19--67050. Det. by a taxonomist.
- 119 *Eremurus stenophyllus* (Boiss. & Buhse) Baker**
2016. Acc: 190047500, lpen: XX-0-MJG-19--47500. Det. by a taxonomist.
- 120 *Hemerocallis lilioasphodelus* L.**
2016. Acc: 190067040, lpen: XX-0-MJG-19--67040. Det. by a taxonomist.
- 121 *Hemerocallis middendorffii* Trautv. & C.A.Mey.**
2016. Acc: 200205401, lpen: RU-0-MJG-200205401, RUS: Khabarovsk Krai, Sichote-Alin Mts, Udomi. 1989. BG Tartu. Det. by a taxonomist.

Asteraceae

- 122 *Acanthospermum hispidum* DC.**
2016. Acc: 190070620, lpen: XX-0-MJG-19--70620. Det. by a taxonomist.
- 123 *Achillea ageratum* L.**
2016. Acc: 199712404, lpen: IT-0-MJG-199712404, ITA: Montacuto (Siena), incontro su argille pliocheniche, 193m. 1996-08-06. F. Romi, P. Marchetti. Det. by a taxonomist.
- 124 *Achillea filipendulina* Lam.**
2016. Acc: 190044140, lpen: XX-0-MJG-19--44140. Det. by a taxonomist.
- 125 *Achillea grandifolia* Friv.**
2016. Acc: 199720705, lpen: GR-0-MJG-199720705, GRC: Pella, Makedonien, Tzena, 1170 m. 1997. Det. by a taxonomist.
- 126 *Achillea macrophylla* L.**
2016. Acc: 190044150, lpen: XX-0-MJG-19--44150. Det. by a taxonomist.
- 127 *Achillea nobilis* L.**
2016. Acc: 200606925, lpen: DE-0-MJG-200606925, DEU: Rheinland-Pfalz, Oberwesel, Oelsberg, Weinbergsbrachen, 50,121431 | 7,723603. 2006. Det. by a taxonomist.
- 128 *Achillea ptarmica* L.**
2016. Acc: 190044160, lpen: XX-0-MJG-19--44160. Det. by a taxonomist.
- 129 *Acmella oleracea* (L.) R.K.Jansen**
2016. Acc: 199637240, lpen: XX-0-MJG-199637240. Det. by a taxonomist.
- 130 *Adenostemma lavenia* (L.) Kuntze**
2016. Acc: 199635270, lpen: XX-0-MJG-199635270. Det. by a taxonomist.
- 131 *Ageratum houstonianum* Mill.**
2016. Acc: 190044170, lpen: XX-0-MJG-19--44170. Det. by a taxonomist.
- 132 *Anacyclus radiatus* Loisel.**
2016. Acc: 200702213, lpen: FR-0-Z-20011226, FRA: without locality. 2001. Det. by a taxonomist.
- 133 *Anthemis austriaca* Jacquin**
2016. Acc: 190058950, lpen: XX-0-MJG-19--58950. Det. by a taxonomist.
- 134 *Anthemis tinctoria* L.**
2016. Acc: 200606926, lpen: DE-0-MJG-200606926, DEU: Rheinland-Pfalz, Oberwesel, Oelsberg, Weinbergsbrachen, 50,121431 | 7,723603. 2006-07-20. R. Omlor, B. Mengel. Det. by a taxonomist.

- 135 *Arctotheca calendula* (L.) Levyns**
2016. Acc: 199704110, lpen: XX-0-MJG-199704110. Det. by a taxonomist.
- 136 *Arnica chamissonis* Less.**
2016. Acc: 190066090, lpen: XX-0-MJG-19--66090. Det. by a taxonomist.
- 137 *Arnica longifolia* D.C.Eaton in S.Watson**
2016. Acc: 200902501, lpen: US-0-MJG-200902501, USA: Wasington, Olympic Mountains (ex: BG Leisnig). Det. by a taxonomist.
- 138 *Artemisia absinthium* L.**
2016. Acc: 190000880, lpen: XX-0-MJG-19--00880. Det. by a taxonomist.
- 139 *Artemisia campestris* L. subsp. *campestris***
2016. Acc: 198224280, lpen: DE-0-MJG-198224280, DEU: Rheinland-Pfalz, Mainz, NSG Mainzer Sand, 50,011917 | 8,212023. 1982. U. Hecker. Det. by a taxonomist.
- 140 *Berkheya purpurea* (DC.) Mast.**
2016. Acc: 201103903, lpen: XX-0-MJG-201103903. Det. by a taxonomist.
- 141 *Bidens ferulifolia* (Jacq.) DC.**
2016. Acc: 190046540, lpen: XX-0-MJG-19--46540. Det. by a taxonomist.
- 142 *Bidens pilosa* L.**
2016. Acc: 190062990, lpen: XX-0-MJG-19--62990. Det. by a taxonomist.
- 143 *Buphthalmum salicifolium* L.**
2016. Acc: 190031330, lpen: XX-0-MJG-19--31330. Det. by a taxonomist.
- 144 *Calendula suffruticosa* Vahl**
2016. Acc: 190035240, lpen: XX-0-MJG-19--35240. Det. by a taxonomist.
- 145 *Carthamus tinctorius* L.**
2016. Acc: 190046560, lpen: XX-0-MJG-19--46560. Det. by a taxonomist.
- 146 *Catananche lutea* L.**
2016. Acc: 200010403, lpen: XX-0-MJG-200010403. Det. by a taxonomist.
- 147 *Centaurea benedicta* (L.) L.**
2016. Acc: 190046610, lpen: XX-0-MJG-19--46610. Det. by a taxonomist.
- 148 *Centaurea calcitrapa* L.**
2016. Acc: 190063570, lpen: XX-0-MJG-19--63570. Det. by a taxonomist.
- 149 *Centaurea jacea* subsp. *angustifolia* Greml**
2016. Acc: 200606914, lpen: DE-0-MJG-200606914, DEU: Rheinland-Pfalz, Bacharach, Orionsteig, Felsen nordwestlich der Stadt., 50,062043 | 7,765896. 2006-07-20. R. Omlor, B. Mengel. Det. by a taxonomist.
- 150 *Centaurea orientalis* L.**
2016. Acc: 201011216, lpen: UA-0-MJG-201011216, UKR: Vinnytsia, Kami-anka river valley between villages Bolgan and Kukuly, Pischansky district, 48,14964 | 28,73485. 2010-07. U. Becker. Det. by a taxonomist.
- 151 *Centaurea scabiosa* L. subsp. *scabiosa***
2016. Acc: 200613102, lpen: DE-0-MJG-200613102, DEU: Rheinland-Pfalz, Worms, südlich von Osthofen, "Am Untertor 100", 49,674044 | 8,319998. 2006-05-29. R. Omlor, B. Meyer & R. Schmitt. Det. by a taxonomist.

- 152 *Centaurea stoebe* L.**
2016. Acc: 200663630, Ipen: DE-0-MJG-200663630, DEU: Rheinland-Pfalz, Mainz, Botanischer Garten der Johannes Gutenberg-Universität, 49,990925 | 8,240905. Det. by a taxonomist.
- 153 *Centaurea triumfettii* All. subsp. *triumfettii***
2016. Acc: 200315101, Ipen: PT-0-MJG-200315101, PRT: Leiria, Estremadura; Caldas da Rainha, Foz do Arelho a beira rio, 29S MD 94000 84000.
- 154 *Chamaemelum nobile* (L.) All**
2016. Acc: 199909806, Ipen: PT-0-MJG-199909806, PRT: without locality. BG Coimbra, Index Seminum 1999: 360. Det. by a taxonomist.
- 155 *Chondrilla juncea* L.**
2016. Acc: 190046590, Ipen: XX-0-MJG-19--46590. Det. by a taxonomist.
- 156 *Chrysogonum virginianum* L.**
2016. Acc: 190047230, Ipen: XX-0-MJG-19--47230. Det. by a taxonomist.
- 157 *Chrysopsis villosa* (Pursh) Nutt. ex DC.**
2016. Acc: 201302902, Ipen: XX-0-MJG-201302902. Det. by a taxonomist.
- 158 *Cichorium endivia* L.**
2016. Acc: 190058480, Ipen: XX-0-MJG-19--58480. Det. by a taxonomist.
- 159 *Cichorium intybus* L.**
2016. Acc: 190050090, Ipen: XX-0-MJG-19--50090. Det. by a taxonomist.
- 160 *Cirsium acaule* Scop.**
2016. Acc: 190032760, Ipen: XX-0-MJG-19--32760. Det. by a taxonomist.
- 161 *Conyza canadensis* (L.) Cronquist**
2016. Acc: 200302606, Ipen: DE-0-MJG-200302606, DEU: Brandenburg, Landkreis Märkisch-Oderland, Petershagen. 2003. Det. by a taxonomist.
- 162 *Coreopsis tinctoria* Nutt.**
2016. Acc: 190062670, Ipen: XX-0-MJG-19--62670. Det. by a taxonomist.
- 163 *Cosmos bipinnatus* Cav.**
2016. Acc: 190046620, Ipen: XX-0-MJG-19--46620. Det. by a taxonomist.
- 164 *Cosmos sulphureus* Cav.**
2016. Acc: 190046630, Ipen: XX-0-MJG-19--46630. Det. by a taxonomist.
- 165 *Cotula coronopifolia* L.**
2016. Acc: 190023910, Ipen: XX-0-MJG-19--23910. Det. by a taxonomist.
- 166 *Cyanus segetum* Hill**
2016. Acc: 200811101, Ipen: DE-0-MJG-200811101, DEU: Rheinland-Pfalz, Rhein-Lahn-Kreis, bei Nastätten, 2008, 300 m. 2008-06-28. B. Meyer. Det. by a horticulturist.
- 167 *Dahlia merckii* Lehm.**
2016. Acc: 199709202, Ipen: XX-0-MJG-199709202. Det. by a taxonomist.
- 168 *Dahlia pinnata* Cav.**
2016. Acc: 190055330, Ipen: XX-0-MJG-19--55330. Det. by a taxonomist.
- 169 *Echinacea angustifolia* DC.**
2016. Acc: 200602209, Ipen: XX-0-MJG-200602209. Det. by a horticulturist.
- 170 *Echinops bannaticus* Rochel ex Schrad.**
2016. Acc: 190063520, Ipen: XX-0-MJG-19--63520. Det. by a taxonomist.

- 171 *Eclipta prostrata* (L.) L.**
2016. Acc: 199642990, Ipen: ES-0-MJG-199642990, ESP: without locality. 1996. G. Dutartre. Det. by a taxonomist.
- 172 *Engelmannia peristenia* (Raf.) Goodman & C.A.Lawson**
2016. Acc: 201400305, Ipen: XX-0-MJG-201400305. Det. by comparison.
- 173 *Erigeron karvinskianus* DC.**
2016. Acc: 190062690, Ipen: XX-0-MJG-19--62690. Det. by a taxonomist.
- 174 *Filago pygmaea* L.**
2016. Acc: 190046660, Ipen: XX-0-MJG-19--46660. Det. by a taxonomist.
- 175 *Filago pyramidata* L.**
2016. Acc: 190070500, Ipen: XX-0-MJG-19--70500. Det. by a taxonomist.
- 176 *Flaveria trinervia* (Spreng.) C.Mohr.**
2016. Acc: 199709209, Ipen: XX-0-MJG-199709209. Det. by a taxonomist.
- 177 *Gaillardia pulchella* Foug.**
2016. Acc: 190062700, Ipen: XX-0-MJG-19--62700. Det. by a taxonomist.
- 178 *Galatella linosyris* (L.) Rchb.f.**
2016. Acc: 200711601, Ipen: DE-0-MJG-200711601, DEU: Rheinland-Pfalz, Landkreis Mainz-Bingen, Nackenheim, "Roter Hang", 49,910621 | 8,34487. 2007-09-17. R. Omlor. Det. by a taxonomist.
- 179 *Glebionis coronaria* (L.) Trehane**
2016. Acc: 190042980, Ipen: XX-0-MJG-19--42980. Det. by a taxonomist.
- 180 *Guizotia abyssinica* (L.f.) Cass.**
2016. Acc: 190046690, Ipen: XX-0-MJG-19--46690. Det. by a taxonomist.
- 181 *Hedypnois cretica* (L.) Dum.-Courset**
2016. Acc: 190046700, Ipen: XX-0-MJG-19--46700. Det. by a taxonomist.
- 182 *Helenium amarum* (Raf.) H.Rock.**
2016. Acc: 190046710, Ipen: XX-0-MJG-19--46710. Det. by a taxonomist.
- 183 *Helenium aromaticum* (Hook.) L.H.Bailey**
2016. Acc: 190046580, Ipen: XX-0-MJG-19--46580. Det. by a taxonomist.
- 184 *Helenium autumnale* L.**
2016. Acc: 190047200, Ipen: XX-0-MJG-19--47200. Det. by a taxonomist.
- 185 *Helenium hoopesii* A.Gray**
2016. Acc: 190046720, Ipen: XX-0-MJG-19--46720. Det. by a taxonomist.
- 186 *Helichrysum bracteatum* (Vent.) Willd.**
2016. Acc: 190062710, Ipen: XX-0-MJG-19--62710. Det. by a taxonomist.
- 187 *Heliopsis helianthoides* (L.) Sweet**
2016. Acc: 190052420, Ipen: XX-0-MJG-19--52420. Det. by a taxonomist.
- 188 *Hieracium glomeratum* Froel.**
2016. Acc: 190063220, Ipen: XX-0-MJG-19--63220. Det. by a taxonomist.
- 189 *Hieracium murorum* L.**
2016. Acc: 190035950, Ipen: XX-0-MJG-19--35950. Det. by a taxonomist.
- 190 *Hieracium sabaudum* L.**
2016. Acc: 190076880, Ipen: XX-0-MJG-19--76880. Det. by a taxonomist.
- 191 *Hieracium umbellatum* L.**
2016. Acc: 190063600, Ipen: XX-0-MJG-19--63600.

- 192 *Hyoseris radiata* L.**
2016. Acc: 200307020, Ipen: XX-0-MJG-200307020. Det. by a taxonomist.
- 193 *Inula conyzae* (Griess.) Meikle**
2016. Acc: 200609306, Ipen: DE-0-MJG-200609306, DEU: Rheinland-Pfalz, Boppard, Bopparder Hamm, 50,245315 | 7,576838. 2006-10-05. R. Omlor & B. Mengel. Det. by a taxonomist.
- 194 *Inula helenium* L.**
2016. Acc: 190034170, Ipen: XX-0-MJG-19--34170. Det. by a taxonomist.
- 195 *Iva xanthiifolia* Nutt.**
2016. Acc: 190035970, Ipen: XX-0-MJG-19--35970. Det. by a taxonomist.
- 196 *Lactuca virosa* L.**
2016. Acc: 199804701, Ipen: XX-0-MJG-199804701. Det. by a taxonomist.
- 197 *Lapsana communis* L.**
2016. Acc: 190046760, Ipen: XX-0-MJG-19--46760. Det. by a taxonomist.
- 198 *Lasiospermum bipinnatum* (Thunb.) Druce**
2016. Acc: 199707712, Ipen: XX-0-MJG-199707712. Det. by a taxonomist.
- 199 *Layia chrysanthemoides* (DC.) A.Gray**
2016. Acc: 199719713, Ipen: XX-0-MJG-199719713. Det. by a taxonomist.
- 200 *Layia glandulosa* (Hook.) Fisch. & C.A.Mey.**
2016. Acc: 190046770, Ipen: XX-0-MJG-19--46770. Det. by a taxonomist.
- 201 *Leontodon hispidus* L.**
2016. Acc: 190063590, Ipen: XX-0-MJG-19--63590. Det. by a taxonomist.
- 202 *Liatris spicata* (L.) Willd.**
2016. Acc: 190035840, Ipen: XX-0-MJG-19--35840. Det. by a taxonomist.
- 203 *Ligularia przewalskii* (Maxim.) Diels**
2016. Acc: 199237210, Ipen: XX-0-MJG-199237210. Det. by a taxonomist.
- 204 *Lindheimeria texana* A.Gray & Engelm.**
2016. Acc: 190046780, Ipen: XX-0-MJG-19--46780. Det. by a taxonomist.
- 205 *Lonas annua* (L.) Vines & Druce**
2016. Acc: 190046790, Ipen: XX-0-MJG-19--46790. Det. by a taxonomist.
- 206 *Matricaria chamomilla* L.**
2016. Acc: 190058590, Ipen: XX-0-MJG-19--58590. Det. by a taxonomist.
- 207 *Melampodium paludosum* Humb., Bonpl. & Kunth**
2016. Acc: 190046800, Ipen: XX-0-MJG-19--46800. Det. by a taxonomist.
- 208 *Melampodium perfoliatum* (Cav.) Kunth**
2016. Acc: 190046810, Ipen: XX-0-MJG-19--46810. Det. by a taxonomist.
- 209 *Onopordum acanthium* L.**
2016. Acc: 190034340, Ipen: XX-0-MJG-19--34340. Det. by a taxonomist.
- 210 *Perezia multiflora* (Humb. & Bonpl.) Less.**
2016. Acc: 190063500, Ipen: XX-0-MJG-19--63500. Det. by a taxonomist.
- 211 *Phagnalon graecum* subsp. *illyricum* (Lindb.) Ginzb.**
2016. Acc: 200510401, Ipen: IT-0-MJG-200510401, ITA: Gargano, Nordküste. 1999. W. Licht. Det. by a taxonomist.
- 212 *Picris hieracioides* L.**
2016. Acc: 190046870, Ipen: XX-0-MJG-19--46870. Det. by a taxonomist.

- 213 *Pseudognaphalium luteoalbum* (L.) Hillard & B.L.Burt**
2016. Acc: 190046680, Ipen: XX-0-MJG-19--46680. Det. by a taxonomist.
- 214 *Pseudogynoxys chenopodioides* (Kunth) Cabrera**
2016. Acc: 201505401, Ipen: XX-0-MJG-201505401. Det. by a taxonomist.
- 215 *Reichardia tingitana* (L.) Roth**
2016. Acc: 190063650, Ipen: XX-0-MJG-19--63650. Det. by a taxonomist.
- 216 *Rhagadiolus angulosus* (Jaub. & Spach) Kupicha**
2016. Acc: 200115608, Ipen: XX-0-MJG-200115608. Det. by a taxonomist.
- 217 *Rudbeckia amplexicaulis* Vahl**
2016. Acc: 190046640, Ipen: XX-0-MJG-19--46640. Det. by a taxonomist.
- 218 *Santolina rosmarinifolia* L.**
2016. Acc: 199201930, Ipen: XX-0-MJG-199201930. Det. by a taxonomist.
- 219 *Santolina villosa* Mill.**
2016. Acc: 198801732, Ipen: XX-0-MJG-198801732. Det. by a taxonomist.
- 220 *Sanvitalia procumbens* Lam.**
2016. Acc: 190046880, Ipen: XX-0-MJG-19--46880. Det. by a taxonomist.
- 221 *Schkuhria pinnata* (Lam.) Thell.**
2016. Acc: 200403211, Ipen: XX-0-MJG-200403211. Det. by a taxonomist.
- 222 *Scolymus hispanicus* L.**
2016. Acc: 190043000, Ipen: XX-0-MJG-19--43000. Det. by a taxonomist.
- 223 *Senecio doria* L.**
2016. Acc: 190062780, Ipen: XX-0-MJG-19--62780. Det. by a taxonomist.
- 224 *Senecio vernalis* Waldst. & Kit.**
2016. Acc: 200701901, Ipen: DE-0-MJG-200701901, DEU: Rheinland-Pfalz, Mainz, Stadtgebiet Mainz. 2007-05-18. B. Mengel & M. Hageneuer. Det. by a horticulturist.
- 225 *Sigesbeckia flosculosa* L'her.**
2016. Acc: 190046930, Ipen: XX-0-MJG-19--46930. Det. by a taxonomist.
- 226 *Sigesbeckia serrata* DC.**
2016. Acc: 190046940, Ipen: XX-0-MJG-19--46940. Det. by a taxonomist.
- 227 *Sonchus leptcephalus* Cass.**
2016. Acc: 190032490, Ipen: XX-0-MJG-190032490. Det. by a taxonomist.
- 228 *Stokesia laevis* (Hill) Greene**
2016. Acc: 190046970, Ipen: XX-0-MJG-19--46970. Det. by a taxonomist.
- 229 *Symphotrichum novae-angliae* (L.) G.L.Nesom**
2016. Acc: 190047210, Ipen: XX-0-MJG-19--47210. Det. by a taxonomist.
- 230 *Synedrella nodiflora* (L.) Gaertn.**
2016. Acc: 199703910, Ipen: XX-0-MJG-199703910. Det. by a taxonomist.
- 231 *Tagetes patula* L.**
2016. Acc: 190046980, Ipen: XX-0-MJG-19--46980. Det. by a taxonomist.
- 232 *Tagetes tenuifolia* Cav.**
2016. Acc: 190046990, Ipen: XX-0-MJG-19--46990. Det. by a taxonomist.
- 233 *Tanacetum balsamita* L.**
2016. Acc: 190047520, Ipen: XX-0-MJG-19--47520. Det. by a taxonomist.

- 234 *Tanacetum corymbosum* (L.) Sch.Bip.**
2016. Acc: 190047530, lpen: XX-0-MJG-19--47530. Det. by a taxonomist.
- 235 *Tanacetum macrophyllum* (Waldst. & Kit.) Sch.Bip.**
2016. Acc: 190031270, lpen: XX-0-MJG-19--31270. Det. by a taxonomist.
- 236 *Tanacetum vulgare* L.**
2016. Acc: 190047970, lpen: XX-0-MJG-19--47970. Det. by a taxonomist.
- 237 *Telekia speciosa* (Schreb.) Baumg.**
2016. Acc: 190034160, lpen: XX-0-MJG-19--34160. Det. by a taxonomist.
- 238 *Tithonia rotundifolia* (Mill.) S.F.Blake**
2016. Acc: 190039420, lpen: XX-0-MJG-19--39420. Det. by a taxonomist.
- 239 *Tolpis barbata* (L.) Gaertn.**
2016. Acc: 190047540, lpen: XX-0-MJG-19--47540. Det. by a taxonomist.
- 240 *Tragopogon dubius* Scop.**
2016. Acc: 200809001, lpen: DE-0-MJG-200809001, DEU: Rheinland-Pfalz, Bacharach, Weinbergsbrachen, 50,060831 | 7,765118. 2008-05-31. R. Omlor. Det. by a taxonomist.
- 241 *Tragopogon pratensis* L. subsp. *pratensis***
2016. Acc: 200613104, lpen: DE-0-MJG-200613104, DEU: Rheinland-Pfalz, Worms, südlich von Osthofen, "Am Untertor 100", 49,674044 | 8,319998. 2006. Det. by a horticulturist.
- 242 *Tridax trilobata* (Cav.) Hemsl.**
2016. Acc: 190047550, lpen: XX-0-MJG-19--47550. Det. by a taxonomist.
- 243 *Tripteris vaillantii* Decne.**
2016. Acc: 190070580, lpen: XX-0-MJG-19--70580. Det. by a taxonomist.
- 244 *Uropappus lindleyi* (DC.) Nutt.**
2016. Acc: 190062750, lpen: XX-0-MJG-19--62750. Det. by a taxonomist.
- 245 *Ursinia anthemoides* (L.) Poir.**
2016. Acc: 199662800, lpen: XX-0-MJG-199662800. Det. by a taxonomist.
- 246 *Verbesina alata* L.**
2016. Acc: 199707710, lpen: XX-0-MJG-199707710. Det. by a taxonomist.
- 247 *Xanthisma texanum* Dc**
2016. Acc: 201301703, lpen: XX-0-MJG-201301703. Det. by a taxonomist.
- 248 *Xanthium orientale* L.**
2016. Acc: 190036180, lpen: XX-0-MJG-19--36180. Det. by a taxonomist.
- 249 *Xanthium spinosum* L.**
2016. Acc: 190036170, lpen: XX-0-MJG-19--36170. Det. by a taxonomist.
- 250 *Xeranthemum annuum* L.**
2016. Acc: 201011234, lpen: UA-0-MJG-201011234, UKR: Vinnytsia, Vilshanka river valley between villages Verkhnia Slobidka and Velyka Kisyntsia, Yampiisky district, 48,161505 | 28,513641. 2010-07. U. Becker. Det. by a taxonomist.
- 251 *Xeranthemum cylindraceum* Sibth. & Smith**
2016. Acc: 190063530, lpen: XX-0-MJG-19--63530. Det. by a taxonomist.
- 252 *Zinnia elegans* Jacq.**
2016. Acc: 190041300, lpen: XX-0-MJG-19--41300. Det. by a taxonomist.

- 253 *Zinnia haageana* Regel**
2016. Acc: 190044180, lpen: XX-0-MJG-19--44180. Det. by a taxonomist.
- 254 *Zinnia peruviana* (L.) L.**
2016. Acc: 190043110, lpen: XX-0-MJG-19--43110. Det. by a taxonomist.
- Balsaminaceae**
- 255 *Impatiens scabrida* DC.**
2016. Acc: 190027880, lpen: XX-0-MJG-19--27880. Det. by a taxonomist.
- Basellaceae**
- 256 *Basella alba* L.**
2016. Acc: 190037560, lpen: XX-0-MJG-19--37560. Det. by a taxonomist.
- Begoniaceae**
- 257 *Begonia maculata* Raddi**
2016. Acc: 190029030, lpen: XX-0-MJG-190029030. Det. by a taxonomist.
- 258 *Begonia mollicaulis* Irmsch.**
2016. Acc: 200005818, lpen: XX-0-MJG-200005818. Det. by a taxonomist.
- 259 *Begonia ulmifolia* Willd.**
2016. Acc: 190028990, lpen: XX-0-MJG-19--28990. Det. by a taxonomist.
- Berberidaceae**
- 260 *Berberis canadensis* Mill.**
2016. Acc: 198713640, lpen: XX-0-MJG-198713640. Det. by a taxonomist.
- 261 *Berberis vulgaris* L.**
2016. Acc: 200713005, lpen: DE-0-MJG-200713005, DEU: Rheinland-Pfalz, Cochem an der Mosel, sonnige Felsen am Pinnerkreuz. 2007-10-06. R. Omlor. Det. by a taxonomist.
- 262 *Jeffersonia diphylla* (L.) Pers.**
2016. Acc: 190037740, lpen: XX-0-MJG-19--37740. Det. by a horticulturist.
- 263 *Nandina domestica* Thunb. ex Murray**
2016. Acc: 190019070, lpen: XX-0-MJG-19--19070. Det. by a taxonomist.
- Betulaceae**
- 264 *Carpinus caroliniana* Walter**
2016. Acc: 195013090, lpen: XX-0-MJG-195013090. Det. by a taxonomist.
- 265 *Carpinus cordata* Blume**
2016. Acc: 198007180, lpen: XX-0-MJG-198007180. Det. by a taxonomist.
- 266 *Carpinus japonica* Blume**
2016. Acc: 198407150, lpen: XX-0-MJG-198407150. Det. by a taxonomist.
- 267 *Carpinus orientalis* Mill.**
2016. Acc: 195005030, lpen: XX-0-MJG-195005030. Det. by a taxonomist.
- 268 *Carpinus turczaninowii* Hance**
2016. Acc: 196506990, lpen: XX-0-MJG-196506990. Det. by a taxonomist.

- 269 *Ostrya virginiana* (Mill.) K.Koch
2016. Acc: 195014060, lpen: XX-0-MJG-195014060. Det. by a taxonomist.

Bignoniaceae

- 270 *Eccremocarpus scaber* Ruiz & Pav.
2016. Acc: 199817850, lpen: XX-0-MJG-199817850. Det. by a taxonomist.
- 271 *Incarvillea delavayi* Bureau & Franch.
2016. Acc: 200501705, lpen: XX-0-MJG-200501705. Det. by a taxonomist.
- 272 *Incarvillea olgae* Regel
2016. Acc: 199543190, lpen: XX-0-MJG-199543190. Det. by a taxonomist.
- 273 *Incarvillea sinensis* var. *przewalskii* (Batalin) C.Y.Wu & W.C.Yin
2016. Acc: 200706502, lpen: XX-0-MB-1982/778. Det. by a taxonomist.

Boraginaceae

- 274 *Adelocaryum coelestinum* (Lindl.) Brand
2016. Acc: 201304409, lpen: XX-0-HAL-1400. Det. by a taxonomist.
- 275 *Alkanna graeca* Boiss. & Spruner
2016. Acc: 199708317, lpen: XX-0-MJG-199708317. Det. by a taxonomist.
- 276 *Amsinckia intermedia* Fisch. & C.A.Mey.
2016. Acc: 190066240, lpen: XX-0-MJG-19--66240. Det. by a taxonomist.
- 277 *Anchusa arvensis* (L.) M.Bieb
2016. Acc: 190069320, lpen: XX-0-MJG-19--69320. Det. by a taxonomist.
- 278 *Asperugo procumbens* L.
2016. Acc: 190069310, lpen: XX-0-MJG-19--69310. Det. by a taxonomist.
- 279 *Borago pygmaea* (DC.) Chater & Greuter
2016. Acc: 190050200, lpen: XX-0-MJG-19--50200. Det. by a taxonomist.
- 280 *Buglossoides arvensis* (L.) I.M.Johnst.
2016. Acc: 190037590, lpen: XX-0-MJG-19--37590. Det. by a taxonomist.
- 281 *Buglossoides purpureocaerulea* (L.) I.M.Johnst.
2016. Acc: 200812528, lpen: HU-0-MJG-200812528, HUN: Heves, Kerecsend, 47 47.490 N | 20 19.560 E. 2008-07-21. R. Omlor & M. Höhn. Det. by a taxonomist.
- 282 *Caccinia macranthera* var. *crassifolia* (Vent.) Brand
2016. Acc: 200409312, lpen: XX-0-MJG-200409312. Det. by a taxonomist.
- 283 *Cerintho major* L.
2016. Acc: 199536610, lpen: IT-0-MJG-199536610, ITA: Tuscany, San Giuliano Terme (Pisa), 30 - 150 m. 1994-04-01. Det. by a taxonomist.
- 284 *Cerintho minor* L.
2016. Acc: 200001902, lpen: XX-0-MJG-200001902. Det. by a taxonomist.
- 285 *Cynoglossum amabile* Stapf & J.R.Drumm.
2016. Acc: 201301501, lpen: XX-0-MJG-201301501. Det. by a taxonomist.

- 286 *Cynoglossum officinale* L.
2016. Acc: 200912601, lpen: DE-0-MJG-200912601, DEU: Rheinland-Pfalz, Mainz, Johannes Gutenberg-Universität, Campus. 2009-07-15. B.Meyer. Det. by a horticulturist.
- 287 *Echium vulgare* L.
2016. Acc: 190047050, lpen: XX-0-MJG-19--47050. Det. by a taxonomist.
- 288 *Lappula squarrosa* (Retz.) Dumort.
2016. Acc: 190069300, lpen: XX-0-MJG-19--69300. Det. by a taxonomist.
- 289 *Myosotis ramosissima* Rochel ex Schult.
2016. Acc: 190066790, lpen: XX-0-MJG-19--66790. Det. by a taxonomist.
- 290 *Nonea lutea* (Desr.) DC.
2016. Acc: 200601406, lpen: XX-0-BONN-23732. Det. by a taxonomist.
- 291 *Omphalodes linifolia* (L.) Moench
2016. Acc: 190037600, lpen: XX-0-MJG-19--37600. Det. by a taxonomist.
- 292 *Onosma arenaria* Waldst. & Kit.
2016. Acc: 198224260, lpen: DE-0-MJG-198224260, DEU: Rheinland-Pfalz, Mainz, NSG Mainzer Sand, 50,011917 | 8,212023. 1982. U. Hecker. Det. by a taxonomist.
- 293 *Onosma visianii* Clementi
2016. Acc: 201011243, lpen: UA-0-MJG-201011243, UKR: Vinnytsia, near Mohyliv-Podilskyi town, Ozarynetska mountain between Nemyia i Derlo river, 48,467352 | 27,792256. 2010-07. U. Becker. Det. by a taxonomist.
- 294 *Pentaglottis sempervirens* (L.) Tausch ex L.H.Bailey
2016. Acc: 200409315, lpen: XX-0-MJG-200409315. Det. by a taxonomist.
- 295 *Phacelia viscida* (Benth. ex Lindl.) Torr.
2016. Acc: 190044710, lpen: XX-0-MJG-19--44710.
- 296 *Pontechium maculatum* (L.) Böhle & Hilger
2016. Acc: 201111905, lpen: RO-0-MJG-201111905, ROU: Cluj, Cluj-Napoca, Fanatele Clujului, 400 m, 46,838 | 23,621. 2011-07-24. U. Becker. Det. by a taxonomist.
- 297 *Rochelia disperma* (L.f.) K.Koch
2016. Acc: 190035620, lpen: XX-0-MJG-19--35620. Det. by a taxonomist.
- 298 *Symphytum officinale* L. subsp. *officinale*
2016. Acc: 190031170, lpen: XX-0-MJG-19--31170. Det. by a taxonomist.
- 299 *Wigandia urens* (Ruiz & Pav.) Kunth
2016. Acc: 190061600, lpen: XX-0-MJG-19--61600. Det. by a taxonomist.

Brassicaceae

- 300 *Aethionema arabicum* (L.) Andrzej.Ex.Dc.
2016. Acc: 190044240, lpen: XX-0-MJG-19--44240. Det. by a taxonomist.
- 301 *Aethionema saxatile* (L.) R.Br.
2016. Acc: 190062520, lpen: XX-0-MJG-19--62520. Det. by a taxonomist.
- 302 *Alyssoides utriculata* (L.) Medik.
2016. Acc: 200706504, lpen: TR-0-MB-1981/1441, TUR: Kaz-Dag, Mt. Ida. 1978-07-01. VM. Det. by a taxonomist.

- 303 *Alyssum rostratum* Steven**
2016. Acc: 201011218, Ipen: UA-0-MJG-201316505, UKR: Vinnytsia, Kami-
anka river valley between villages Bolgan and Kukuly, Pischansky district,
48,14964 | 28,73485. 2010-07. U. Becker. Det. by a taxonomist.
- 304 *Alyssum spinosum* L.**
2016. Acc: 190000740, Ipen: XX-0-MJG-19--00740. Det. by a taxonomist.
- 305 *Anastatica hierochuntica* L.**
2016. Acc: 200804202, Ipen: XX-0-MJG-200804202. Det. by a taxonomist.
- 306 *Arabidopsis arenosa* (L.) Lawalrée**
2016. Acc: 190044300, Ipen: XX-0-MJG-19--44300. Det. by a taxonomist.
- 307 *Arabis muralis* var. *rosea* (DC.) Thell.**
2016. Acc: 190041770, Ipen: XX-0-MJG-19--41770. Det. by a taxonomist.
- 308 *Aurinia saxatilis* (L.) Desv.**
2016. Acc: 198900930, Ipen: XX-0-MJG-198900930. Det. by a taxonomist.
- 309 *Barbarea vulgaris* R.Brown**
2016. Acc: 190069100, Ipen: XX-0-MJG-19--69100. Det. by a taxonomist.
- 310 *Berteroa incana* (L.) DC.**
2016. Acc: 190069110, Ipen: XX-0-MJG-19--69110. Det. by a taxonomist.
- 311 *Brassica juncea* (L.) Czern.**
2016. Acc: 190069120, Ipen: XX-0-MJG-19--69120. Det. by a taxonomist.
- 312 *Bunias orientalis* L.**
2016. Acc: 190044290, Ipen: XX-0-MJG-19--44290. Det. by a taxonomist.
- 313 *Camelina alyssum* (Mill.) Thell.**
2016. Acc: 190055780, Ipen: XX-0-MJG-19--55780. Det. by a taxonomist.
- 314 *Camelina sativa* (L.) Crantz**
2016. Acc: 190069130, Ipen: XX-0-MJG-19--69130. Det. by a taxonomist.
- 315 *Cardamine chenopodiifolia* Pers.**
2016. Acc: 190035600, Ipen: XX-0-MJG-19--35600. Det. by a taxonomist.
- 316 *Carrichtera annua* (L.) DC.**
2016. Acc: 190044310, Ipen: XX-0-MJG-19--44310. Det. by a taxonomist.
- 317 *Chorispota tenella* (Pall.) DC.**
2016. Acc: 190044320, Ipen: XX-0-MJG-19--44320. Det. by a taxonomist.
- 318 *Clypeola jonthlaspi* L.**
2016. Acc: 190044330, Ipen: XX-0-MJG-19--44330. Det. by a taxonomist.
- 319 *Conringia orientalis* (L.) Dum.**
2016. Acc: 190041530, Ipen: XX-0-MJG-19--41530. Det. by a taxonomist.
- 320 *Coronopus squamatus* (Forssk.) Asch.**
2016. Acc: 190044350, Ipen: XX-0-MJG-19--44350. Det. by a taxonomist.
- 321 *Crambe hispanica* L.**
2016. Acc: 199666760, Ipen: XX-0-MJG-199666760. Det. by a taxonomist.
- 322 *Descurainia sophia* (L.) Prantl.**
2016. Acc: 190044360, Ipen: XX-0-MJG-19--44360. Det. by a taxonomist.
- 323 *Diploaxis tenuifolia* (L.) DC.**
2016. Acc: 190062540, Ipen: XX-0-MJG-19--62540. Det. by a taxonomist.
- 324 *Eruca vesicaria* subsp. *sativa* (Mill.) Thell.**
2016. Acc: 190044370, Ipen: XX-0-MJG-19--44370. Det. by a taxonomist.
- 325 *Erucastrum gallicum* (Willd.) O.E.Schulz**
2016. Acc: 190069140, Ipen: XX-0-MJG-19--69140. Det. by a taxonomist.
- 326 *Erysimum cheiri* (L.) Crantz**
2016. Acc: 190044380, Ipen: XX-0-MJG-19--44380. Det. by a taxonomist.
- 327 *Erysimum crepidifolium* Rchb.**
2016. Acc: 200811509, Ipen: DE-0-MJG-200811509, DEU: Rheinland-Pfalz,
Landkreis Bad-Kreuznach, Westseite des Lembergs bei Feilbingert, 49,785223
| 7,767368. 2008-07-03. R. Omlor & B. Mengel. Det. by a taxonomist.
- 328 *Euclidium syriacum* (L.) R.Br.**
2016. Acc: 190044390, Ipen: XX-0-MJG-19--44390. Det. by a taxonomist.
- 329 *Fibigia clypeata* (L.) Medik.**
2016. Acc: 199902904, Ipen: XX-0-MJG-199902904. Det. by a taxonomist.
- 330 *Geococcus pusillus* J.L.Drumm.**
2016. Acc: 190069150, Ipen: XX-0-MJG-19--69150. Det. by a taxonomist.
- 331 *Hymenolobus procumbens* (L.) Nutt.**
2016. Acc: 190066770, Ipen: XX-0-MJG-19--66770. Det. by a taxonomist.
- 332 *Isatis tinctoria* L.**
2016. Acc: 200606902, Ipen: DE-0-MJG-200606902, DEU: Rheinland-Pfalz,
"Mönchsrinne" nordwestlich von Bacharach, 50,058999 | 7,751842. 2006-07-
20. R. Omlor, B. Mengel. Det. by a taxonomist.
- 333 *Lepidium graminifolium* L.**
2016. Acc: 201300501, Ipen: FR-0-MJG-201300501, FRA: Brittany, Rennes,
lieux pierreux. 2012-09-20. Det. by a taxonomist.
- 334 *Lepidium sativum* L.**
2016. Acc: 199901002, Ipen: XX-0-MJG-199901002. Det. by a taxonomist.
- 335 *Lobularia maritima* (L.) Desv.**
2016. Acc: 190056600, Ipen: XX-0-MJG-19--56600. Det. by a taxonomist.
- 336 *Malcolmia flexuosa* (Sibth. & Sm.) Sibth. & Sm.**
2016. Acc: 190069170, Ipen: XX-0-MJG-19--69170. Det. by a taxonomist.
- 337 *Matthiola incana* (L.) R.Br.**
2016. Acc: 190044410, Ipen: XX-0-MJG-19--44410. Det. by a taxonomist.
- 338 *Moricandia arvensis* (L.) DC.**
2016. Acc: 190036190, Ipen: XX-0-MJG-19--36190. Det. by a taxonomist.
- 339 *Neslia paniculata* (L.) Desv.**
2016. Acc: 199907605, Ipen: XX-0-MJG-199907605. Det. by a taxonomist.
- 340 *Psychine stylosa* Desf.**
2016. Acc: 190048010, Ipen: XX-0-MJG-19--48010. Det. by a taxonomist.
- 341 *Raphanus sativus* L.**
2016. Acc: 190044420, Ipen: XX-0-MJG-19--44420. Det. by a taxonomist.
- 342 *Schivereckia podolica* (Besser) Andrzej.**
2016. Acc: 200309103, Ipen: XX-0-MJG-200309103. Det. by a taxonomist.
- 343 *Thlaspi arvense* L.**
2016. Acc: 190044450, Ipen: XX-0-MJG-19--44450. Det. by a taxonomist.

Burseraceae

- 344 *Commiphora opobalsamum* (L.) Engl.
2016. Acc: 198555580, lpen: XX-0-MJG-198555580. Det. by a taxonomist.
- 345 *Commiphora saxicola* Engl.
2016. Acc: 198455840, lpen: XX-0-MJG-198455840. Det. by a taxonomist.

Butomaceae

- 346 *Butomus umbellatus* L.
2016. Acc: 201312808, lpen: DE-0-MJG-201312808, DEU: Rheinland-Pfalz, Bühnenfeld südlich von Bacharach, 50,048645 | 7,780037. 2013-08-22. Det. by a taxonomist.

Cactaceae

- 347 *Echinocactus grusonii* Hildm.
2016. Acc: 190062910, lpen: XX-0-MJG-19--62910. Det. by a taxonomist.
- 348 *Opuntia engelmannii* Salm-Dyck ex Engelm. var. *engelmannii*
2016. Acc: 190027600, lpen: XX-0-MJG-19--27600. Det. by a taxonomist.
- 349 *Opuntia phaeacantha* var. *camanchica* (Engelm. & J.M.Bigelow) L.D.Benson 'Longispina'
2016. Acc: 190027590, lpen: XX-0-MJG-19--27590. Det. by a taxonomist.

Calycanthaceae

- 350 *Calycanthus chinensis* (W.C.Cheng & S.Y.Chang) P.T.Li
2016. Acc: 199209100, lpen: XX-0-MJG-199209100. Det. by a taxonomist.
- 351 *Calycanthus occidentalis* Hook. & Arn.
2016. Acc: 195012210, lpen: XX-0-MJG-195012210. Det. by a taxonomist.

Campanulaceae

- 352 *Asyneuma canescens* (Waldst. & Kit.) Griseb. & Schenk
2016. Acc: 200663450, lpen: XX-0-MJG-200663450. Det. by a taxonomist.
- 353 *Campanula rotundifolia* L.
2016. Acc: 200873060, lpen: XX-0-MJG-200873060. Det. by a taxonomist.
- 354 *Campanula sarmatica* Ker-Gawl.
2016. Acc: 199705905, lpen: XX-0-MJG-199705905. Det. by a taxonomist.
- 355 *Campanula sibirica* L.
2016. Acc: 201011240, lpen: UA-0-MJG-201011240, UKR: Vinnytsia, near Mohyliv-Podilskyi town, Ozarynetska mountain between Nemyia i Derlo river, 48,467352 | 27,792256. 2010-07. U.Becker. Det. by a taxonomist.
- 356 *Codonopsis clematidea* (Fisch. & C.A.Mey.) C.B.Clarke
2016. Acc: 200504810, lpen: KZ-0-MJG-200504811, KAZ: Akzu; Dzabagaly Reserve. Det. by a taxonomist.
- 357 *Jasione laevis* Lam.
2016. Acc: 190045870, lpen: XX-0-MJG-19--45870. Det. by a taxonomist.
- 358 *Jasione montana* L.
2016. Acc: 190045880, lpen: XX-0-MJG-19--45880. Det. by a taxonomist.

- 359 *Lobelia erinus* L.
2016. Acc: 190045890, lpen: XX-0-MJG-19--45890. Det. by a taxonomist.
- 360 *Lobelia siphilitica* L.
2016. Acc: 190055390, lpen: XX-0-MJG-19--55390. Det. by a taxonomist.
- 361 *Platycodon grandiflorus* (Jacq.) A.DC.
2016. Acc: 190045900, lpen: XX-0-MJG-19--45900. Det. by a taxonomist.
- 362 *Trachelium caeruleum* L.
2016. Acc: 190045910, lpen: XX-0-MJG-190045910. Det. by a taxonomist.

Cannabaceae

- 363 *Celtis occidentalis* L.
2016. Acc: 195014110, lpen: XX-0-MJG-195014110. Det. by a taxonomist.

Cannaceae

- 364 *Canna flaccida* Salisb.
2016. Acc: 190038750, lpen: XX-0-MJG-190038750. Det. by a horticulturist.
- 365 *Canna indica* L.
2016. Acc: 190055890, lpen: XX-0-MJG-19--55890. Det. by a taxonomist.

Caprifoliaceae

- 366 *Centranthus ruber* (L.) DC.
2016. Acc: 190041290, lpen: XX-0-MJG-19--41290. Det. by a taxonomist.
- 367 *Cephalaria uralensis* (Murray) Roem. & Schult.
2016. Acc: 201211304, lpen: RU-0-MJG-201211304, RUS: Volgograd Oblast, Rajon Alexejewskaja. 2010. G.A.Firsov & A.Volchanskaya. Det. by a taxonomist.
- 368 *Diervilla lonicera* Mill.
2016. Acc: 199604680, lpen: US-0-MJG-199604680, USA: Massachusetts, Hampshire County, Hatfield. 1991. E.M.Shukis (South Hadley). Det. by a horticulturist.
- 369 *Diervilla sessilifolia* Buckland
2016. Acc: 195013540, lpen: XX-0-MJG-195013540. Det. by a taxonomist.
- 370 *Lonicera alpigena* L. 'Nana'
2016. Acc: 195002211, lpen: XX-0-MJG-195002211. Det. by a taxonomist.
- 371 *Lonicera discolor* Lindl.
2016. Acc: 195003440, lpen: XX-0-MJG-195003440. Det. by a taxonomist.
- 372 *Lonicera morrowii* A.Gray
2016. Acc: 195003990, lpen: XX-0-MJG-195003990. Det. by a taxonomist.
- 373 *Lonicera nigra* L.
2016. Acc: 199202400, lpen: AT-0-MJG-199202400, AUT: Kärnten, Wolayer See, 1200 - 1700 m. 1991. Det. by a taxonomist.
- 374 *Lonicera prolifera* (G.Kirchn.) Rehder
2016. Acc: 195013530, lpen: XX-0-MJG-195013530. Det. by a taxonomist.
- 375 *Lonicera quinquelocularis* Hardw.
2016. Acc: 199430140, lpen: XX-0-MJG-199430140. Det. by a horticulturist.

- 376 *Morina longifolia* Wall.**
2016. Acc: 190062840, lpen: XX-0-MJG-19--62840. Det. by a taxonomist.
- 377 *Patrinia gibbosa* Maxim.**
2016. Acc: 200217902, lpen: XX-0-MJG-200217902. Det. by a taxonomist.
- 378 *Pterocephalus dumetorum* Coult.**
2016. Acc: 190032370, lpen: XX-0-MJG-19--32370. Det. by a taxonomist.
- 379 *Pterocephalus papposus* (L.) Coult.**
2016. Acc: 190048020, lpen: XX-0-MJG-19--48020. Det. by a taxonomist.
- 380 *Scabiosa atropurpurea* L.**
2016. Acc: 199715507, lpen: IT-0-MJG-199715507, ITA: Sicily, Palermo, Torre Normanna. 1996. Det. by a taxonomist.
- 381 *Scabiosa canescens* Waldst. & Kit.**
2016. Acc: 199527730, lpen: DE-0-MJG-199527730, DEU: Rheinland-Pfalz, Mainz, NSG Mainzer Sand, 50,011917 | 8,212023. 1995-10-06. U. Hecker. Det. by a taxonomist.
- 382 *Scabiosa graminifolia* L.**
2016. Acc: 190046500, lpen: XX-0-MJG-19--46500. Det. by a taxonomist.
- 383 *Scabiosa ochroleuca* L.**
2016. Acc: 199625710, lpen: XX-0-MJG-199625710. Det. by a taxonomist.
- 384 *Succisa pratensis* Moench**
2016. Acc: 190035960, lpen: XX-0-MJG-19--35960. Det. by a taxonomist.
- 385 *Succisella inflexa* (Kluk) Beck**
2016. Acc: 190036070, lpen: XX-0-MJG-19--36070. Det. by a taxonomist.
- 386 *Symphoricarpos albus* var. *laevigatus* (Fernald) S.F.Blake**
2016. Acc: 195014411, lpen: XX-0-MJG-195014411. Det. by a taxonomist.
- 387 *Tremastelma palaestinum* (L.) Janchen**
2016. Acc: 190063430, lpen: XX-0-MJG-19--63430. Det. by a taxonomist.

Caryophyllaceae

- 388 *Agrostemma githago* L.**
2016. Acc: 190041440, lpen: XX-0-MJG-19--41440. Det. by a taxonomist.
- 389 *Agrostemma gracilis* L.**
2016. Acc: 190037620, lpen: XX-0-MJG-19--37620. Det. by a taxonomist.
- 390 *Arenaria balearica* L.**
2016. Acc: 190034550, lpen: XX-0-MJG-19--34550. Det. by a taxonomist.
- 391 *Arenaria serpyllifolia* L.**
2016. Acc: 190037630, lpen: XX-0-MJG-19--37630. Det. by a taxonomist.
- 392 *Cerastium alpinum* L. subsp. *alpinum***
2016. Acc: 200306404, lpen: SE-0-MJG-200306404, SWE: Torne Lappmark, Luopakke, 2002. Det. by a taxonomist.
- 393 *Corrigiola litoralis* L.**
2016. Acc: 190062640, lpen: XX-0-MJG-19--62640. Det. by a taxonomist.
- 394 *Dianthus carthusianorum* L.**
2016. Acc: 198224360, lpen: DE-0-MJG-198224360, DEU: Rheinland-Pfalz, Mainz, NSG Mainzer Sand, 50,011917 | 8,212023. 1982. U. Hecker. Det. by a taxonomist.

- 395 *Dianthus gratianopolitanus* Vill.**
2016. Acc: 200714401, lpen: DE-0-MJG-200714401, DEU: Rheinland-Pfalz, Altenahr. 2006-07-20. W. Licht. Det. by a taxonomist.
- 396 *Dianthus knappii* (Pant.) Asch. & Kuntz**
2016. Acc: 190037670, lpen: XX-0-MJG-19--37670.
- 397 *Dianthus membranaceus* Borbas**
2016. Acc: 201011209, lpen: UA-0-MJG-201011209, UKR: Vinnytsia, Cheche-Inytsky district, Romashkovo, 48,24592 | 29,30517. 2010-07. U. Becker. Det. by a taxonomist.
- 398 *Drymaria cordata* (L.) Willd.**
2016. Acc: 190043880, lpen: XX-0-MJG-19--43880. Det. by a taxonomist.
- 399 *Gypsophila fastigiata* L.**
2016. Acc: 198224300, lpen: DE-0-MJG-198224300, DEU: Rheinland-Pfalz, Mainz, NSG Mainzer Sand, 50,011917 | 8,212023. 1982. U. Hecker. Det. by a taxonomist.
- 400 *Gypsophila repens* L.**
2016. Acc: 190035980, lpen: XX-0-MJG-19--35980. Det. by a taxonomist.
- 401 *Herniaria glabra* L.**
2016. Acc: 190049700, lpen: XX-0-MJG-190049700. Det. by a taxonomist.
- 402 *Illecebrum verticillatum* L.**
2016. Acc: 190047890, lpen: XX-0-MJG-19--47890. Det. by a taxonomist.
- 403 *Minuartia capillacea* (All.) Graebn.**
2016. Acc: 190050600, lpen: XX-0-MJG-19--50600. Det. by a taxonomist.
- 404 *Moenchia mantica* (L.) Bartl.**
2016. Acc: 190043980, lpen: XX-0-MJG-19--43980. Det. by a taxonomist.
- 405 *Paronychia canadensis* (L.) Wood**
2016. Acc: 190050610, lpen: XX-0-MJG-19--50610. Det. by a taxonomist.
- 406 *Paronychia kapela* (Hacq.) A.Kern.**
2016. Acc: 190063130, lpen: XX-0-MJG-190063130. Det. by a taxonomist.
- 407 *Petrorhagia saxifraga* (L.) Link**
2016. Acc: 200812550, lpen: HU-0-MJG-200812550, HUN: Fejér, W of Csákvár, 47° 23.25' N | 18° 26.32' E. 2008-07-25. R. Omlor & M. Höhn. Det. by a taxonomist.
- 408 *Polycarpon tetraphyllum* (L.) L.**
2016. Acc: 190069080, lpen: XX-0-MJG-19--69080. Det. by a taxonomist.
- 409 *Sagina saginoides* (L.) H.Karst.**
2016. Acc: 190044000, lpen: XX-0-MJG-19--44000. Det. by a taxonomist.
- 410 *Saponaria cerastioides* Fisch. ex C.A.Mey.**
2016. Acc: 190044010, lpen: XX-0-MJG-19--44010. Det. by a taxonomist.
- 411 *Silene baccifera* Roth**
2016. Acc: 201111404, lpen: DE-0-MJG-201111404, DEU: Rheinland-Pfalz, Kreis Alzey-Worms, Hamm-am-Rhein, nahe Altrheinarm. 2011-09-02. B. Mengel. Det. by a taxonomist.
- 412 *Silene chalcedonica* (L.) E.Krause**
2016. Acc: 190038260, lpen: XX-0-MJG-19--38260. Det. by a taxonomist.

- 413 *Silene chlorantha* (Willd.) Ehrh.**
2016. Acc: 190034270, lpen: XX-0-MJG-19--34270. Det. by a taxonomist.
- 414 *Silene coronaria* (L.) Clairv.**
2016. Acc: 190038320, lpen: XX-0-MJG-19--38320. Det. by a taxonomist.
- 415 *Silene dioica* (L.) Clairv.**
2016. Acc: 201205301, lpen: DE-0-HAL-112130_1, DEU: Sachsen, Frauenstein. Det. by a taxonomist.
- 416 *Silene latifolia* subsp. *alba* (Mill.) Greuter & Burdet**
2016. Acc: 190043950, lpen: XX-0-MJG-19--43950. Det. by a taxonomist.
- 417 *Silene linicola* C.C.Gmel.**
2016. Acc: 190055770, lpen: XX-0-MJG-19--55770. Det. by a taxonomist.
- 418 *Silene noctiflora* L.**
2016. Acc: 190041310, lpen: XX-0-MJG-19--41310. Det. by a taxonomist.
- 419 *Silene nutans* L.**
2016. Acc: 200710904, lpen: DK-0-MJG-200710904, DNK: Ostjütland, Ostseite der Halbinsel Helgenes, Kiesstrand, 2007. 2007-08-10. R. Omlor. Det. by a taxonomist.
- 420 *Silene viscaria* (L.) K.Jess.**
2016. Acc: 200606922, lpen: DE-0-MJG-200606922, DEU: Rheinland-Pfalz, Oberwesel, Oelsberg, Weinbergsbrachen, 50,121431 | 7,723603. 2006-07-20. R. Omlor & B. Mengel. Det. by a taxonomist.
- 421 *Silene vulgaris* (Moench) Garcke**
2016. Acc: 190025430, lpen: XX-0-MJG-19--25430. Det. by a taxonomist.
- 422 *Spergula arvensis* L.**
2016. Acc: 190041670, lpen: XX-0-MJG-19--41670. Det. by a taxonomist.
- 423 *Spergularia rubra* (L.) J.Presl & C.Presl**
2016. Acc: 190069070, lpen: XX-0-MJG-19--69070. Det. by a taxonomist.
- 424 *Stellaria holostea* L.**
2016. Acc: 190044040, lpen: XX-0-MJG-19--44040. Det. by a taxonomist.
- 425 *Vaccaria hispanica* (Mill.) Rauschert**
2016. Acc: 190041690, lpen: XX-0-MJG-19--41690. Det. by a taxonomist.
- 426 *Velezia rigida* L.**
2016. Acc: 190044050, lpen: XX-0-MJG-19--44050. Det. by a taxonomist.

Celastraceae

- 427 *Euonymus grandiflorus* Wall.**
2016. Acc: 190010961, lpen: XX-0-MJG-19--10961. Det. by a taxonomist.
- 428 *Euonymus myrianthus* Hemsl.**
2016. Acc: 199333940, lpen: XX-0-MJG-199333940. Det. by a taxonomist.

Cistaceae

- 429 *Cistus incanus* L.**
2016. Acc: 190001480, lpen: XX-0-MJG-19--01480. Det. by a taxonomist.

- 430 *Cistus laurifolius* L.**
2016. Acc: 195019350, lpen: XX-0-MJG-195019350. Det. by a taxonomist.
- 431 *Fumana procumbens* (Dunal) Gren. & Godr.**
2016. Acc: 200710018, lpen: DE-0-MJG-200710018, DEU: Rheinland-Pfalz, Mainz, NSG Mainzer Sand, 50,011917 | 8,212023. 2007-07-23. R. Omlor & B. Mengel. Det. by a taxonomist.
- 432 *Helianthemum apenninum* (L.) Mill.**
2016. Acc: 190000760, lpen: XX-0-MJG-190000760. Det. by a taxonomist.
- 433 *Helianthemum nummularium* subsp. *obscurum* (Celak.) Holub**
2016. Acc: 198224310, lpen: DE-0-MJG-198224310, DEU: Rheinland-Pfalz, Mainz, NSG Mainzer Sand, 50,011917 | 8,212023. 1982. U. Hecker. Det. by a taxonomist.
- 434 *Helianthemum violaceum* (Cav.) Pers.**
2016. Acc: 201401001, lpen: ES-0-BERN-1989/333, ESP: Desviacion a la Sierra del Segura. Det. by a taxonomist.
- 435 *Tuberaria guttata* (L.) Fourr.**
2016. Acc: 201412408, lpen: FR-0-MJG-201412408, FRA: Aquitaine, Landes, Gargolle, westl. von Mézos, 44,073465 | -1,184893. 2014. S. Wenneis. Det. by a taxonomist.

Cleomaceae

- 436 *Cleome gynandra* L.**
2016. Acc: 190069090, lpen: XX-0-MJG-19--69090. Det. by a taxonomist.
- 437 *Cleome monophylla* L.**
2016. Acc: 199719722, lpen: KE-0-MJG-199719722, KEN: without locality (ex BG Copenhagen, IS 1996 No. 1176: S1923-2728). Det. by a taxonomist.

Commelinaceae

- 438 *Commelina communis* L.**
2016. Acc: 200612503, lpen: XX-0-MJG-200612503. Det. by a taxonomist.
- 439 *Commelina dianthifolia* Delile**
2016. Acc: 200104001, lpen: XX-0-MJG-200104001. Det. by a taxonomist.
- 440 *Commelina tuberosa* L. 'Coelestis Grp.'**
2016. Acc: 190044120, lpen: XX-0-MJG-19--44120. Det. by a taxonomist.
- 441 *Palisota bracteosa* C.B.Clarke**
2016. Acc: 190027200, lpen: XX-0-MJG-190027200. Det. by comparison.
- 442 *Tinantia erecta* (Jacq.) Schlttdl.**
2016. Acc: 190034080, lpen: XX-0-MJG-19--34080. Det. by a taxonomist.
- 443 *Tradescantia ohiensis* Raf.**
2016. Acc: 199716205, lpen: XX-0-MJG-199716205. Det. by a taxonomist.

Convolvulaceae

- 444 *Cuscuta epilinum* Weihe**
2016. Acc: 190055800, lpen: XX-0-MJG-19--55800. Det. by a taxonomist.

- 445 *Cuscuta epithymum* (L.) L.**
2016. Acc: 200711408, lpen: DE-0-MJG-200711408, DEU: Rheinland-Pfalz, Mainz, NSG Mainzer Sand, 50,011917 | 8,212023. 2007-09-11. R. Omlor & B. Mengel. Det. by a taxonomist.
- 446 *Ipomoea coccinea* L.**
2016. Acc: 200808404, lpen: XX-0-MJG-200808404. Det. by a horticulturist.
- 447 *Ipomoea lobata* (Cerv.) Thell.**
2016. Acc: 190027810, lpen: XX-0-MJG-19--27810. Det. by a taxonomist.
- 448 *Ipomoea purpurea* (L.) Roth**
2016. Acc: 190044220, lpen: XX-0-MJG-19--44220. Det. by a taxonomist.
- 449 *Merremia dissecta* (Jacq.) Hallier f.**
2016. Acc: 200700903, lpen: XX-0-MJG-200700903. Det. by a taxonomist.

Cornaceae

- 450 *Cornus florida* L.**
2016. Acc: 195013450, lpen: XX-0-MJG-195013450. Det. by a taxonomist.
- 451 *Cornus officinalis* Siebold & Zucc.**
2016. Acc: 197806680, lpen: XX-0-MJG-197806680. Det. by a taxonomist.
- 452 *Cornus sericea* L.**
2016. Acc: 195014370, lpen: XX-0-MJG-195014370. Det. by a taxonomist.

Costaceae

- 453 *Costus pulverulentus* C.Presl**
2016. Acc: 190036780, lpen: XX-0-MJG-190036780. Det. by comparison.

Crassulaceae

- 454 *Jovibarba globifera* subsp. *hirta* (L.) J.Parn.**
2016. Acc: 200812546, lpen: HU-0-MJG-200812546, HUN: Fejér, W of Csákvár, 47° 23.25' N | 18° 26.32 E. 2008-07-25. R. Omlor & M. Höhn. Det. by a taxonomist.
- 455 *Rosularia sempervivum* (M.Bieb.) A.Berger**
2016. Acc: 200807005, lpen: XX-0-ER-2006-46. Det. by a taxonomist.
- 456 *Sedum aizoon* L.**
2016. Acc: 190044230, lpen: XX-0-MJG-19--44230. Det. by a taxonomist.
- 457 *Sedum album* L.**
2016. Acc: 200606907, lpen: DE-0-MJG-200606907, DEU: Rheinland-Pfalz, "Mönchsrinne" nordwestlich von Bacharach, 50,058999 | 7,751842. 2006-07-20. R. Omlor, B. Mengel.
- 458 *Sedum rupestre* L.**
2016. Acc: 200606905, lpen: DE-0-MJG-200606905, DEU: Rheinland-Pfalz, "Mönchsrinne" nordwestlich von Bacharach, 50,058999 | 7,751842. 2006-07-20. R. Omlor, B. Mengel. Det. by a taxonomist.
- 459 *Sedum spurium* M.Bieb.**
2016. Acc: 190047390, lpen: XX-0-MJG-19--47390. Det. by a taxonomist.

- 460 *Sedum maximum* (L.) Hoffm.**
2016. Acc: 200704902, lpen: DE-0-MJG-200704902, DEU: Rheinland-Pfalz, "Mönchsrinne" nordwestlich von Bacharach, 50,058999 | 7,751842. 2007-04-03. R. Omlor & B. Meyer. Det. by a taxonomist.
- 461 *Sempervivum tectorum* L.**
2016. Acc: 200810005, lpen: DE-0-MJG-200810005, DEU: Rheinland-Pfalz, Landkreis Cochem-Zell, Aufstieg zum Calmont bei Eller an der Mosel. 2008-06-15. R. Omlor. Det. by a taxonomist.

Cucurbitaceae

- 462 *Benincasa hispida* (Thunb. ex Murray) Cogn.**
2016. Acc: 190050660, lpen: XX-0-MJG-19--50660. Det. by a taxonomist.
- 463 *Corallocarpus boehmii* (Cogn.) Jeffrey**
2016. Acc: 190054470, lpen: XX-0-MJG-19--54470. Det. by a taxonomist.
- 464 *Cucumella bryoniifolia* (Merxm.) C.Jeffrey**
2016. Acc: 200807402, lpen: XX-0-MJG-200807402. Det. by a taxonomist.
- 465 *Cucumis metuliferus* E.Mey. ex Schrad.**
2016. Acc: 190054220, lpen: XX-0-MJG-19--54220. Det. by a taxonomist.
- 466 *Cucumis myriocarpus* Naudin**
2016. Acc: 199807205, lpen: XX-0-MJG-199807205. Det. by a taxonomist.
- 467 *Cyclanthera brachystachya* (DC) Cogn.**
2016. Acc: 190040440, lpen: XX-0-MJG-19--40440. Det. by a taxonomist.
- 468 *Ecballium elaterium* (L.) A.Rich. subsp. *elaterium***
2016. Acc: 190037260, lpen: XX-0-MJG-19--37260. Det. by a taxonomist.
- 469 *Gurania makoyana* (Lem.) Cogniaux**
2016. Acc: 190036700, lpen: XX-0-MJG-190036700. Det. by a taxonomist.
- 470 *Kedrostis leloja* (Forssk. ex J.F.Gmel.) C.Jeffrey**
2016. Acc: 201303804, lpen: XX-0-MJG-201303804. Det. by a taxonomist.
- 471 *Lagenaria siceraria* (Molina) Standl.**
2016. Acc: 190054360, lpen: XX-0-MJG-19--54360. Det. by a taxonomist.
- 472 *Luffa cylindrica* (L.) M.Roem.**
2016. Acc: 190054390, lpen: XX-0-MJG-19--54390. Det. by a taxonomist.
- 473 *Momordica balsamina* L.**
2016. Acc: 201300101, lpen: XX-0-MJG-19--54460. Not determined.
- 474 *Momordica charantia* L.**
2016. Acc: 190054610, lpen: XX-0-MJG-19--54610. Det. by a taxonomist.
- 475 *Sicyos angulatus* L.**
2016. Acc: 200804602, lpen: XX-0-DR-004191. Det. by a taxonomist.
- 476 *Trichosanthes cucumeria* var. *anguina* (L.) Haines**
2016. Acc: 190054530, lpen: XX-0-MJG-19--54530. Det. by a taxonomist.

Cupressaceae

- 477 *Juniperus communis* L.
2016. Acc: 200604509, lpen: DE-0-MJG-200604509, DEU: Baden-Württemberg, Landkreis Reutlingen, Schwäbische Alp, weißer Jura (Kalk), 750 m. Det. by a taxonomist.
- 478 *Platycladus orientalis* (L.) Franco 'Sieboldii'
2016. Acc: 198003061, lpen: XX-0-MJG-198003061. Det. by a taxonomist.
- 479 *Tetraclinis articulata* (Vahl) Mast.
2016. Acc: 190030730, lpen: XX-0-MJG-190030730. Det. by a taxonomist.

Cyclanthaceae

- 480 *Ludovia lancifolia* Brongn.
2016. Acc: 190057620, lpen: XX-0-MJG-190057620. Det. by a taxonomist.

Cyperaceae

- 481 *Bolboschoenus maritimus* (L.) Palla
2016. Acc: 190023200, lpen: XX-0-MJG-19--23200. Det. by a taxonomist.
- 482 *Carex alba* Scop.
2016. Acc: 190044460, lpen: XX-0-MJG-19--44460. Det. by a taxonomist.
- 483 *Carex bohémica* Schreb.
2016. Acc: 190043150, lpen: XX-0-MJG-19--43150. Det. by a taxonomist.
- 484 *Carex buchananii* Berggr.
2016. Acc: 190036250, lpen: XX-0-MJG-19--36250. Det. by a taxonomist.
- 485 *Carex capitata* L.
2016. Acc: 199644470, lpen: XX-0-MJG-199644470. Det. by a taxonomist.
- 486 *Carex distans* L.
2016. Acc: 190067160, lpen: XX-0-MJG-19--67160. Det. by a taxonomist.
- 487 *Carex echinata* Murray
2016. Acc: 200811626, lpen: DK-0-B-0440903, DNK: Jütland, Nordjyllands Amt, Jammerbucht, NE Fjerritslev, Silikat, 2007. Det. by a taxonomist.
- 488 *Carex flacca* Schreb.
2016. Acc: 200709912, lpen: XX-0-MJG-200709912. Det. by a horticulturist.
- 489 *Carex grayi* J.Carey
2016. Acc: 190044500, lpen: XX-0-MJG-19--44500. Det. by a taxonomist.
- 490 *Carex hordeistichos* Vill.
2016. Acc: 190067190, lpen: XX-0-MJG-19--67190. Det. by a taxonomist.
- 491 *Carex muricata* L. Agg.
2016. Acc: 199537280, lpen: XX-0-MJG-199537280. Det. by a taxonomist.
- 492 *Carex otrubae* Podp.
2016. Acc: 201316502, lpen: DE-0-MJG-201316502, DEU: Rheinland-Pfalz, Mainz, Bodenheimer Ried. 2013-12-11. Mengel & Omlor. Det. by a taxonomist.
- 493 *Carex ovalis* Good.
2016. Acc: 199711402, lpen: XX-0-MJG-199711402. Det. by a taxonomist.

- 494 *Carex pendula* Huds.
2016. Acc: 190020120, lpen: XX-0-MJG-19--20120. Det. by a taxonomist.
- 495 *Carex pseudocyperus* L.
2016. Acc: 199644520, lpen: XX-0-MJG-199644520. Det. by a taxonomist.
- 496 *Cladium mariscus* (L.) Pohl
2016. Acc: 190044530, lpen: XX-0-MJG-19--44530. Det. by a taxonomist.
- 497 *Eleocharis palustris* (L.) Roem. & Schult.
2016. Acc: 201316503, lpen: DE-0-MJG-201316503, DEU: Rheinland-Pfalz, Mainz, Laubenheimer-Bodenheimer Ried, 49,944482 | 8,317165. 2013-12-11. Mengel & Omlor. Det. by a taxonomist.
- 498 *Schoenoplectus tabernaemontani* (C.C.Gmel.) Palla
2016. Acc: 190044550, lpen: XX-0-MJG-19--44550. Det. by a taxonomist.
- 499 *Schoenoplectus triquetet* (L.) Palla
2016. Acc: 190055810, lpen: XX-0-MJG-19--55810. Det. by a taxonomist.

Dilleniaceae

- 500 *Hibbertia scandens* (Willd.) Dryand. ex Hoogland
2016. Acc: 190035070, lpen: XX-0-MJG-19--35070. Det. by a taxonomist.

Dioscoreaceae

- 501 *Dioscorea caucasica* Lipsky
2016. Acc: 190066340, lpen: XX-0-MJG-19--66340. Det. by a taxonomist.
- 502 *Dioscorea tokoro* Makino ex Miyabe
2016. Acc: 200908611, lpen: JP-0-MJG-200908611, JPN: Yamanashi Prefecture, Narusawa-mura. Det. by a taxonomist.
- 503 *Dioscorea villosa* L.
2016. Acc: 200906703, lpen: US-0-MJG-200906703, USA: North Carolina, without locality. Det. by a taxonomist.
- 504 *Tacca chantrieri* André
2016. Acc: 200130280, lpen: XX-0-MJG-200130280. Det. by a taxonomist.

Elaeagnaceae

- 505 *Elaeagnus multiflora* Thunb.
2016. Acc: 195008430, lpen: XX-0-MJG-195008430. Det. by a taxonomist.
- 506 *Hippophae rhamnoides* L.
2016. Acc: 195000270, lpen: XX-0-MJG-195000270. Det. by a taxonomist.

Ericaceae

- 507 *Calluna vulgaris* (L.) Hull
2016. Acc: 190017750, lpen: XX-0-MJG-190017750. Det. by a taxonomist.
- 508 *Erica scoparia* L.
2016. Acc: 190031640, lpen: XX-0-MJG-19--31640. Det. by a taxonomist.
- 509 *Gaultheria procumbens* L.
2016. Acc: 190065930, lpen: XX-0-MJG-190065930. Det. by a taxonomist.

- 510 *Gaultheria shallon* Pursh**
2016. Acc: 190013950, lpen: XX-0-MJG-190013950. Det. by a taxonomist.
- 511 *Leucothoe fontanesiana* (Steud.) Sleumer**
2016. Acc: 196813750, lpen: XX-0-MJG-196813750. Det. by a taxonomist.
- 512 *Lyonia ligustrina* (L.) DC.**
2016. Acc: 197113480, lpen: XX-0-MJG-197113480. Det. by a taxonomist.
- 513 *Vaccinium vitis-idaea* L.**
2016. Acc: 198617720, lpen: XX-0-MJG-198617720. Det. by a taxonomist.
- 514 *Zenobia pulverulenta* (W.Bartram ex Willd.) Pollard**
2016. Acc: 198614550, lpen: XX-0-MJG-198614550. Det. by a taxonomist.

Euphorbiaceae

- 515 *Euphorbia characias* subsp. *wulfenii* (Hoppe ex W.D.J.Koch) Radcl.-Sm.**
2016. Acc: 190033490, lpen: XX-0-MJG-19--33490. Det. by a taxonomist.
- 516 *Euphorbia epithymoides* L.**
2016. Acc: 190050460, lpen: XX-0-MJG-19--50460. Det. by a taxonomist.
- 517 *Euphorbia lathyris* L.**
2016. Acc: 190044580, lpen: XX-0-MJG-19--44580. Det. by a taxonomist.
- 518 *Euphorbia palustris* L.**
2016. Acc: 200609401, lpen: DE-0-MJG-200609401, DEU: Rheinland-Pfalz, Mainz, Laubenheimer-Bodenheimer Ried, 49,944482 | 8,317165. 2005-07. L. Schardt. Det. by a taxonomist.
- 519 *Euphorbia pepus* L.**
2016. Acc: 200211102, lpen: IT-0-MJG-200211102, ITA: Siena, Porta Tufi, campo incolto, 300 m, 2001. Det. by a horticulturist.
- 520 *Euphorbia pithyusa* L.**
2016. Acc: 190063990, lpen: XX-0-MJG-19--63990. Det. by a taxonomist.
- 521 *Euphorbia platyphyllos* L.**
2016. Acc: 199701520, lpen: XX-0-MJG-199701520. Det. by a taxonomist.
- 522 *Euphorbia seguieriana* Neck.**
2016. Acc: 199821801, lpen: DE-0-MJG-199821801, DEU: Rheinland-Pfalz, Mainz, NSG Mainzer Sand, 50,011917 | 8,212023. 1998. U. Hecker. Det. by a taxonomist.
- 523 *Homalanthus populifolius* Graham**
2016. Acc: 190052760, lpen: XX-0-MJG-19--52760. Det. by a taxonomist.
- 524 *Ricinus communis* L.**
2016. Acc: 190044600, lpen: XX-0-MJG-19--44600. Det. by a taxonomist.

Eupteleaceae

- 525 *Euptelea pleiosperma* Hook.f. & Thomson**
2016. Acc: 195017110, lpen: XX-0-MJG-195017110. Det. by a taxonomist.

Fabaceae

- 526 *Acacia retinodes* Schldl.**
2016. Acc: 199801305, lpen: XX-0-MJG-199801305. Det. by a taxonomist.

- 527 *Anthyllis vulneraria* L.**
2016. Acc: 190047080, lpen: XX-0-MJG-19--47080. Det. by a taxonomist.
- 528 *Arachis hypogaea* L.**
2016. Acc: 190039210, lpen: XX-0-MJG-19--39210. Det. by a taxonomist.
- 529 *Baptisia australis* (L.) R.Br**
2016. Acc: 190061430, lpen: XX-0-MJG-19--61430. Det. by a taxonomist.
- 530 *Biserrula pelecinus* L.**
2016. Acc: 190069790, lpen: XX-0-MJG-19--69790. Det. by a taxonomist.
- 531 *Cajanus cajan* (L.) Huth**
2016. Acc: 190038650, lpen: XX-0-MJG-19--38650. Det. by a taxonomist.
- 532 *Canavalia ensiformis* (L.) DC.**
2016. Acc: 190055910, lpen: XX-0-MJG-19--55910. Det. by a taxonomist.
- 533 *Caragana aurantiaca* Koehne**
2016. Acc: 195003320, lpen: XX-0-MJG-195003320. Det. by a taxonomist.
- 534 *Ceratonia siliqua* L.**
2016. Acc: 190059900, lpen: XX-0-MJG-190059900. Det. by a taxonomist.
- 535 *Cercis occidentalis* Gray**
2016. Acc: 200315502, lpen: XX-0-MJG-200315502. Det. by a taxonomist.
- 536 *Cicer arietinum* L.**
2016. Acc: 190045260, lpen: XX-0-MJG-19--45260. Det. by a taxonomist.
- 537 *Clitoria ternatea* L.**
2016. Acc: 190026710, lpen: XX-0-MJG-19--26710. Det. by a taxonomist.
- 538 *Coronilla scorpioides* (L.) W.D.J.Koch**
2016. Acc: 190045270, lpen: XX-0-MJG-19--45270. Det. by a taxonomist.
- 539 *Cytisus hirsutus* L.**
2016. Acc: 198600810, lpen: XX-0-MJG-198600810. Det. by a taxonomist.
- 540 *Cytisus nigricans* L.**
2016. Acc: 201011239, lpen: UA-0-MJG-201011239, UKR: Vinnytsia, Dnister river valley, near village Mykhailivka, Yampil'sky district, 48,26333 | 28,14029. 2010-07. U. Becker. Det. by a taxonomist.
- 541 *Desmanthus pernambucanus* (L.) Thell.**
2016. Acc: 199826800, lpen: XX-0-MJG-199826800. Det. by a taxonomist.
- 542 *Desmodium canadense* (L.) DC.**
2016. Acc: 190034350, lpen: XX-0-MJG-19--34350. Det. by a taxonomist.
- 543 *Erythrina crista-galli* L.**
2016. Acc: 190038000, lpen: XX-0-MJG-19--38000. Det. by a taxonomist.
- 544 *Galega officinalis* L.**
2016. Acc: 200201002, lpen: XX-0-MJG-200201002. Det. by a taxonomist.
- 545 *Glycine max* (L.) Merr.**
2016. Acc: 190045290, lpen: XX-0-MJG-19--45290. Det. by a taxonomist.
- 546 *Indigofera hebeptala* Baker**
2016. Acc: 190004510, lpen: XX-0-MJG-19--04510. Det. by a taxonomist.
- 547 *Lablab purpureus* (L.) Sweet**
2016. Acc: 190070450, lpen: XX-0-MJG-19--70450. Det. by a taxonomist.

- 548 *Lathyrus aphaca* L.
2016. Acc: 190045310, lpen: XX-0-MJG-19--45310. Det. by a taxonomist.
- 549 *Lathyrus latifolius* L.
2016. Acc: 190040450, lpen: XX-0-MJG-19--40450. Det. by a taxonomist.
- 550 *Lathyrus ochrus* (L.) DC.
2016. Acc: 190056470, lpen: XX-0-MJG-19--56470. Det. by a taxonomist.
- 551 *Lathyrus odoratus* L.
2016. Acc: 190035500, lpen: XX-0-MJG-19--35500. Det. by a taxonomist.
- 552 *Lathyrus sylvestris* L.
2016. Acc: 190040460, lpen: XX-0-MJG-19--40460. Det. by a taxonomist.
- 553 *Lathyrus vernus* (L.) Bernh.
2016. Acc: 190020310, lpen: XX-0-MJG-19--20310. Det. by a taxonomist.
- 554 *Lens culinaris* Medik.
2016. Acc: 190035490, lpen: XX-0-MJG-19--35490. Det. by a taxonomist.
- 555 *Lotus angustissimus* L.
2016. Acc: 200812534, lpen: HU-0-MJG-200812534, HUN: Hajdu-Bihar, Hortobágy Nemzeti Park, Újszentmargita, 47° 44.03N | 21° 05.58' E. 2008-07-21. R. Omlor & M. Höhn. Det. by a taxonomist.
- 556 *Lotus conjugatus* subsp. *requienii* (Sanguin.) Greuter
2016. Acc: 190036330, lpen: XX-0-MJG-19--36330. Det. by a taxonomist.
- 557 *Lotus ornithopodioides* L.
2016. Acc: 190070770, lpen: XX-0-MJG-19--70770. Det. by a taxonomist.
- 558 *Lotus tetragonolobus* L.
2016. Acc: 190045410, lpen: XX-0-MJG-19--45410. Det. by a taxonomist.
- 559 *Lotus uliginosus* Schkuhr
2016. Acc: 199634400, lpen: DE-0-MJG-199634400, DEU: Sachsen, Klaffenbach bei Chemnitz. 1995. Det. by a taxonomist.
- 560 *Lupinus luteus* L.
2016. Acc: 200010203, lpen: XX-0-MJG-200010203. Det. by a taxonomist.
- 561 *Lupinus nanus* Douglas ex Benth.
2016. Acc: 199709019, lpen: XX-0-MJG-199709019. Det. by a taxonomist.
- 562 *Lupinus polyphyllus* Lindley
2016. Acc: 190061450, lpen: XX-0-MJG-19--61450. Det. by a taxonomist.
- 563 *Medicago arabica* (L.) Huds.
2016. Acc: 190045320, lpen: XX-0-MJG-19--45320. Det. by a taxonomist.
- 564 *Medicago coronata* (L.) Bartal.
2016. Acc: 190045330, lpen: XX-0-MJG-19--45330. Det. by a taxonomist.
- 565 *Medicago intertexta* (L.) Mill.
2016. Acc: 190045340, lpen: XX-0-MJG-19--45340.
- 566 *Medicago laciniata* (L.) Mill.
2016. Acc: 190045350, lpen: XX-0-MJG-19--45350. Det. by a taxonomist.
- 567 *Medicago orbicularis* (L.) Bartal.
2016. Acc: 190045360, lpen: XX-0-MJG-19--45360. Det. by a taxonomist.
- 568 *Medicago polymorpha* L.
2016. Acc: 190069800, lpen: XX-0-MJG-19--69800. Det. by a taxonomist.

- 569 *Medicago scutellata* Mill.
2016. Acc: 190035510, lpen: XX-0-MJG-19--35510. Det. by a taxonomist.
- 570 *Medicago strasseri* Greuter, Matthäs & Risse
2016. Acc: 190035130, lpen: XX-0-MJG-19--35130. Det. by a taxonomist.
- 571 *Medicago truncatula* Gaertn.
2016. Acc: 190055220, lpen: XX-0-MJG-19--55220. Det. by a taxonomist.
- 572 *Medicago turbinata* (L.) All.
2016. Acc: 190069810, lpen: XX-0-MJG-19--69810. Det. by a taxonomist.
- 573 *Mimosa pudica* L.
2016. Acc: 200313413, lpen: XX-0-MJG-200313413. Det. by a taxonomist.
- 574 *Neptunia oleracea* Lour.
2016. Acc: 201003308, lpen: XX-0-M-V/0007. Det. by a taxonomist.
- 575 *Ononis alopecuroides* L.
2016. Acc: 199710204, lpen: XX-0-MJG-199710204. Det. by a taxonomist.
- 576 *Ononis repens* L.
2016. Acc: 200711406, lpen: DE-0-MJG-200711406, DEU: Rheinland-Pfalz, Mainz, NSG Mainzer Sand, 50,011917 | 8,212023. 2007-09-11. R. Omlor & B. Mengel. Det. by a taxonomist.
- 577 *Ononis viscosa* L.
2016. Acc: 190043340, lpen: XX-0-MJG-19--43340. Det. by a taxonomist.
- 578 *Orbexilum onobrychis* (Nutt.) Rydberg
2016. Acc: 190070440, lpen: XX-0-MJG-19--70440. Det. by a taxonomist.
- 579 *Phaseolus lunatus* L.
2016. Acc: 190055930, lpen: XX-0-MJG-19--55930. Det. by a taxonomist.
- 580 *Scorpiurus muricatus* L.
2016. Acc: 190045380, lpen: XX-0-MJG-19--45380. Det. by a taxonomist.
- 581 *Scorpiurus vermiculatus* L.
2016. Acc: 190045390, lpen: XX-0-MJG-19--45390. Det. by a taxonomist.
- 582 *Securigera securidaca* (L.) Degen & Doerfl.
2016. Acc: 190045400, lpen: XX-0-MJG-19--45400. Det. by a taxonomist.
- 583 *Senna filifolia* (Form Taxon)
2016. Acc: 190037060, lpen: XX-0-MJG-19--37060. Det. by a taxonomist.
- 584 *Senna septemtrionalis* (Viv.) Irwin & Barneby
2016. Acc: 190052350, lpen: XX-0-MJG-19--52350. Det. by a taxonomist.
- 585 *Sophora cassioides* (F.Phil.) Sparre
2016. Acc: 199252140, lpen: CL-0-MJG-199252140, CHL: Los Lagos, Punta Pucatrihue, Comuna San Juan de la Costa, Prov. Osorno, 40°26' 00" S | 73°47'00" W. 1992-09-10. R. Greissl. Det. by a taxonomist.
- 586 *Spartium junceum* L.
2016. Acc: 195019160, lpen: XX-0-MJG-195019160. Det. by a taxonomist.
- 587 *Thermopsis montana* Torr. & A.Gray
2016. Acc: 190061420, lpen: XX-0-MJG-190061420. Det. by a taxonomist.
- 588 *Trifolium angustifolium* L.
2016. Acc: 199627790, lpen: IT-0-MJG-199627790, ITA: Il Puntone, Grosseto. 1995-06-26. F.Romi u. P.Marchetti. Det. by a taxonomist.

- 589 *Trifolium arvense* L.
2016. Acc: 190045420, lpen: XX-0-MJG-19--45420. Det. by a taxonomist.
- 590 *Trifolium cherleri* L.
2016. Acc: 199717802, lpen: CY-0-MJG-199717802, CYP: Paphos District, Inia, à l'ouest du mont Lara. 1995. Det. by a taxonomist.
- 591 *Trifolium montanum* L.
2016. Acc: 199810202, lpen: XX-0-MJG-199810202. Det. by a taxonomist.
- 592 *Trifolium pannonicum* Jacq.
2016. Acc: 201111902, lpen: RO-0-MJG-201111902, ROU: Mihai Viteazu, 504 m, 46,146° N | 23,032° E. 2011-07-25. U. Becker. Det. by a taxonomist.
- 593 *Trifolium rubens* L.
2016. Acc: 190045430, lpen: XX-0-MJG-19--45430. Det. by a taxonomist.
- 594 *Trifolium tomentosum* L.
2016. Acc: 190045440, lpen: XX-0-MJG-19--45440. Det. by a taxonomist.
- 595 *Trigonella caerulea* (L.) Ser.
2016. Acc: 190056480, lpen: XX-0-MJG-19--56480. Det. by a taxonomist.
- 596 *Trigonella corniculata* (L.) L.
2016. Acc: 190056490, lpen: XX-0-MJG-19--56490. Det. by a taxonomist.
- 597 *Trigonella foenum-graecum* L.
2016. Acc: 190056500, lpen: XX-0-MJG-19--56500. Det. by a taxonomist.
- 598 *Tripodion tetraphyllum* (L.) Fourr.
2016. Acc: 190045250, lpen: XX-0-MJG-19--45250. Det. by a taxonomist.
- 599 *Ulex europaeus* L.
2016. Acc: 198919220, lpen: XX-0-MJG-198919220. Det. by a taxonomist.
- 600 *Vicia faba* L.
2016. Acc: 190056510, lpen: XX-0-MJG-19--56510. Det. by a taxonomist.
- 601 *Vicia hirsuta* (L.) Gray
2016. Acc: 190045450, lpen: XX-0-MJG-19--45450. Det. by a taxonomist.
- 602 *Vicia lathyroides* L.
2016. Acc: 190045460, lpen: XX-0-MJG-19--45460. Det. by a taxonomist.
- 603 *Vicia sativa* L.
2016. Acc: 190063970, lpen: XX-0-MJG-19--63970. Det. by a taxonomist.
- 604 *Vicia sylvatica* L.
2016. Acc: 190062890, lpen: XX-0-MJG-19--62890. Det. by a taxonomist.
- 605 *Vicia tetrasperma* (L.) Schreb.
2016. Acc: 190045470, lpen: XX-0-MJG-19--45470. Det. by a taxonomist.
- 606 *Vigna angularis* (Willd.) Ohwi & Ohashi
2016. Acc: 190049640, lpen: XX-0-MJG-19--49640. Det. by a taxonomist.
- 607 *Vigna mungo* (L.) Hepper
2016. Acc: 190025580, lpen: XX-0-MJG-19--25580. Det. by a taxonomist.
- 608 *Vigna umbellata* (Thunb.) Ohwi & Ohashi
2016. Acc: 200804205, lpen: XX-0-MJG-200804205. Det. by a taxonomist.
- 609 *Vigna unguiculata* subsp. *sesquipedalis* (L.) Verdc.
2016. Acc: 190056020, lpen: XX-0-MJG-19--56020. Det. by a taxonomist.

- 610 *Vigna unguiculata* (L.) Walp. subsp. *unguiculata*
2016. Acc: 190055900, lpen: XX-0-MJG-19--55900. Det. by a taxonomist.

Fagaceae

- 611 *Fagus orientalis* Lipsky
2016. Acc: 195003110, lpen: XX-0-MJG-195003110. Det. by a taxonomist.
- 612 *Quercus coccifera* L.
2016. Acc: 190059940, lpen: XX-0-MJG-19--59940. Det. by a taxonomist.
- 613 *Quercus macranthera* Fisch & C.A.Mey. ex Hohen.
2016. Acc: 195003130, lpen: XX-0-MJG-195003130. Det. by a taxonomist.
- 614 *Quercus robur* L.
2016. Acc: 195000100, lpen: XX-0-MJG-195000100. Det. by a taxonomist.

Frankeniaceae

- 615 *Frankenia laevis* L.
2016. Acc: 200003002, lpen: XX-0-MJG-200003002. Det. by a taxonomist.

Gentianaceae

- 616 *Blackstonia perfoliata* (L.) Huds.
2016. Acc: 200807302, lpen: NL-0-MJG-200807302, NLD: Noord-Holland, near Ijmuiden. 2007. Det. by a taxonomist.
- 617 *Gentiana macrophylla* Pall.
2016. Acc: 190034380, lpen: XX-0-MJG-19--34380. Det. by a taxonomist.

Geraniaceae

- 618 *Erodium cicutarium* (L.) L'Hér.
2016. Acc: 190044620, lpen: XX-0-MJG-19--44620. Det. by a taxonomist.
- 619 *Geranium dissectum* L.
2016. Acc: 190069630, lpen: XX-0-MJG-19--69630. Det. by a taxonomist.
- 620 *Geranium macrorrhizum* L.
2016. Acc: 190033070, lpen: XX-0-MJG-19--33070. Det. by a taxonomist.
- 621 *Geranium renardii* Trautv.
2016. Acc: 190033330, lpen: XX-0-MJG-19--33330. Det. by a taxonomist.
- 622 *Geranium sanguineum* L.
2016. Acc: 198224290, lpen: DE-0-MJG-198224290, DEU: Rheinland-Pfalz, Mainz, NSG Mainzer Sand, 50,011917 | 8,212023. 1982. U. Hecker. Det. by a taxonomist.
- 623 *Geranium sibiricum* L.
2016. Acc: 200105806, lpen: XX-0-MJG-200105806. Det. by a taxonomist.
- 624 *Pelargonium klinghardtense* Knuth
2016. Acc: 190055660, lpen: XX-0-MJG-19--55660. Det. by a taxonomist.

Grossulariaceae

- 625 *Ribes alpinum* L.
2016. Acc: 200811505, lpen: DE-0-MJG-200811505, DEU: Rheinland-Pfalz, Landkreis Bad-Kreuznach, Westseite des Lembergs bei Feilbingert, 49,785223 | 7,767368. 2008-07-03. R. Omlor & B. Mengel. Det. by a taxonomist.
- 626 *Ribes fasciculatum* Siebold & Zucc.
2016. Acc: 199811602, lpen: XX-0-MJG-199811602. Det. by a taxonomist.
- 627 *Ribes sinanense* F.Maek.
2016. Acc: 198007110, lpen: JP-0-MJG-198007110, JPN: without locality, 1975. Det. by a taxonomist.

Haemodoraceae

- 628 *Anigozanthos flavidus* DC.
2016. Acc: 200252880, lpen: AU-0-MJG-200252880, AUS: Yellow Tingle Forest, Walpole-Nornal National Park, 15km östl. v. Walpole, 2001. 2001-12-10. Prof. Lüpnitz. Det. by a taxonomist.

Hamamelidaceae

- 629 *Hamamelis japonica* Siebold & Zucc.
2016. Acc: 190006300, lpen: XX-0-MJG-19--06300. Det. by a taxonomist.
- 630 *Hamamelis vernalis* Sarg.
2016. Acc: 199513170, lpen: XX-0-MJG-199513170. Det. by a taxonomist.
- 631 *Hamamelis virginiana* L.
2016. Acc: 195013160, lpen: XX-0-MJG-195013160. Det. by a taxonomist.

Helwingiaceae

- 632 *Helwingia japonica* (Thunb.) F.Dietr.
2016. Acc: 200712201, lpen: XX-0-MJG-200712201. Det. by a taxonomist.

Hydrangeaceae

- 633 *Deinante caerulea* Stapf
2016. Acc: 199817617, lpen: XX-0-MJG-199817617. Det. by a taxonomist.
- 634 *Philadelphus microphyllus* A.Gray
2016. Acc: 195012280, lpen: XX-0-MJG-195012280. Det. by a taxonomist.

Hypericaceae

- 635 *Hypericum androsaemum* L.
2016. Acc: 197015960, lpen: XX-0-MJG-197015960. Det. by a taxonomist.
- 636 *Hypericum balearicum* L.
2016. Acc: 190034580, lpen: XX-0-MJG-19--34580. Det. by a taxonomist.
- 637 *Hypericum hookerianum* Wight & Arn.
2016. Acc: 197008140, lpen: XX-0-MJG-197008140. Det. by a taxonomist.
- 638 *Hypericum orientale* L.
2016. Acc: 199702915, lpen: XX-0-MJG-199702915. Det. by a taxonomist.

Iridaceae

- 639 *Aristea ecklonii* Baker
2016. Acc: 199822001, lpen: XX-0-MJG-199822001. Det. by a taxonomist.
- 640 *Cypella herbertii* (Lindl.) Herb.
2016. Acc: 200213401, lpen: XX-0-MJG-200213401. Det. by a taxonomist.
- 641 *Iris dichotoma* Pall.
2016. Acc: 201301101, lpen: XX-0-MJG-201301101. Det. by a taxonomist.
- 642 *Iris marsica* I.Ricci & Colas.
2016. Acc: 200508913, lpen: IT-0-MJG-200508913, ITA: Abruzzi, L'Aquila, Monte Pizzalto, 1400 m. Det. by a taxonomist.
- 643 *Iris missouriensis* Nutt.
2016. Acc: 190066900, lpen: XX-0-MJG-19--66900. Det. by a taxonomist.
- 644 *Iris pseudacorus* L.
2016. Acc: 201316505, lpen: DE-0-MJG-201316505, DEU: Rheinland-Pfalz, Mainz, Laubenheimer-Bodenheimer Ried, 49,944482 | 8,317165. 2013-12-11. Mengel & Omlor. Det. by a taxonomist.
- 645 *Iris ruthenica* Ker Gawl.
2016. Acc: 190066920, lpen: XX-0-MJG-19--66920. Det. by a taxonomist.
- 646 *Iris sibirica* L.
2016. Acc: 190033440, lpen: XX-0-MJG-19--33440. Det. by a taxonomist.
- 647 *Iris spuria* L.
2016. Acc: 197855370, lpen: DE-0-MJG-197855370, DEU: Rheinland-Pfalz, Mainz, Laubenheimer-Bodenheimer Ried, 49,944482 | 8,317165. 1978-05-30. Det. by a taxonomist.
- 648 *Sisyrinchium striatum* Sm.
2016. Acc: 190044730, lpen: XX-0-MJG-19--44730. Det. by a taxonomist.
- 649 *Tritonia crocata* (L.) Ker-Gawl.
2016. Acc: 200207705, lpen: XX-0-MJG-200207705. Det. by a taxonomist.

Juglandaceae

- 650 *Carya cordiformis* (Wangenh.) K.Koch
2016. Acc: 195013360, lpen: XX-0-MJG-195013360. Det. by a taxonomist.

Juncaceae

- 651 *Juncus bufonius* L.
2016. Acc: 190067080, lpen: XX-0-MJG-19--67080. Det. by a taxonomist.
- 652 *Juncus effusus* L.
2016. Acc: 190067060, lpen: XX-0-MJG-19--67060. Det. by a taxonomist.
- 653 *Juncus inflexus* L.
2016. Acc: 190038120, lpen: XX-0-MJG-19--38120. Det. by a taxonomist.
- 654 *Juncus maritimus* Lam.
2016. Acc: 190044740, lpen: XX-0-MJG-19--44740. Det. by a taxonomist.
- 655 *Luzula campestris* (L.) DC.
2016. Acc: 199806601, lpen: FR-0-MJG-199806601, FRA: Dep. Calvados, Mont Picon (landes). 1997. Det. by a taxonomist.

- 656 *Luzula forsteri* (Sm.) DC.
2016. Acc: 190020210, lpen: XX-0-MJG-19--20210. Det. by a taxonomist.
- 657 *Luzula luzuloides* (Lam.) Dandy & Wilmott
2016. Acc: 199636970, lpen: XX-0-MJG-199636970. Det. by a taxonomist.
- 658 *Luzula nivea* (L.) DC.
2016. Acc: 190038590, lpen: XX-0-MJG-19--38590. Det. by a taxonomist.

Juncaginaceae

- 659 *Triglochin maritimum* L.
2016. Acc: 190020990, lpen: XX-0-MJG-19--20990. Det. by a taxonomist.
- 660 *Triglochin palustre* L.
2016. Acc: 190021000, lpen: XX-0-MJG-19--21000. Det. by a taxonomist.

Lamiaceae

- 661 *Acinos arvensis* (Lam.) Dandy
2016. Acc: 200912013, lpen: DE-0-MJG-200912013, DEU: Rheinland-Pfalz, Landkreis Bad-Kreuznach, Westseite des Lembergs bei Feilbingert, 49,785223 | 7,767368. 2009-06-24. R. Omlor. Det. by a taxonomist.
- 662 *Agastache foeniculum* (Pursh) Kuntze
2016. Acc: 190052310, lpen: XX-0-MJG-19--52310. Det. by a taxonomist.
- 663 *Ajuga chamaepitys* (L.) Schreb.
2016. Acc: 199801115, lpen: XX-0-MJG-199801115. Det. by a taxonomist.
- 664 *Ajuga genevensis* L.
2016. Acc: 200912502, lpen: XX-0-MJG-200912502. Det. by a taxonomist.
- 665 *Amethystea caerulea* L.
2016. Acc: 190044750, lpen: XX-0-MJG-19--44750. Det. by a taxonomist.
- 666 *Ballota nigra* L.
2016. Acc: 190050410, lpen: XX-0-MJG-19--50410. Det. by a taxonomist.
- 667 *Blephilia ciliata* (L.) Benth.
2016. Acc: 201303305, lpen: US-0-HBG-2010-F-311, USA: Missouri; Shaw Nature Reserve. Det. by a taxonomist.
- 668 *Callicarpa japonica* Thunb.
2016. Acc: 195006800, lpen: XX-0-MJG-195006800. Det. by a taxonomist.
- 669 *Clerodendrum speciosissimum* Drapiez
2016. Acc: 190026700, lpen: XX-0-MJG-19--26700. Det. by a taxonomist.
- 670 *Dracocephalum moldavicum* L.
2016. Acc: 190043310, lpen: XX-0-MJG-19--43310. Det. by a taxonomist.
- 671 *Dracocephalum rupestre* Hance
2016. Acc: 190069510, lpen: XX-0-MJG-19--69510. Det. by a taxonomist.
- 672 *Galeopsis angustifolia* Hoffm.
2016. Acc: 190044790, lpen: XX-0-MJG-19--44790. Det. by a taxonomist.
- 673 *Galeopsis pubescens* Besser
2016. Acc: 200307024, lpen: XX-0-MJG-200307024. Det. by a taxonomist.

- 674 *Horminum pyrenaicum* L.
2016. Acc: 190033020, lpen: XX-0-MJG-19--33020. Det. by a taxonomist.
- 675 *Isodon japonicus* var. *glaucoalyx* (Maxim.) H.W.Li
2016. Acc: 200208703, lpen: XX-0-MJG-200208703.
- 676 *Lamium garganicum* L.
2016. Acc: 190066840, lpen: XX-0-MJG-19--66840. Det. by a taxonomist.
- 677 *Lavandula angustifolia* Mill.
2016. Acc: 190001550, lpen: XX-0-MJG-19--01550. Det. by a taxonomist.
- 678 *Lavandula multifida* L.
2016. Acc: 190035900, lpen: XX-0-MJG-19--35900. Det. by a taxonomist.
- 679 *Leonurus quinquelobatus* Gilib.
2016. Acc: 200914501, lpen: DE-0-MJG-200914501, DEU: Rheinland-Pfalz, Landkreis Mainz-Bingen, Appenheim, Gemarkung "Westerberg". 2009. H. Ihm. Det. by a taxonomist.
- 680 *Marrubium incanum* Desr.
2016. Acc: 200601404, lpen: ES-0-BONN-4178, ESP: Costa Blanca Urbanizacion La Zenia. Det. by a taxonomist.
- 681 *Marrubium peregrinum* L.
2016. Acc: 190064000, lpen: XX-0-MJG-19--64000. Det. by a taxonomist.
- 682 *Marrubium vulgare* L.
2016. Acc: 190044850, lpen: XX-0-MJG-19--44850. Det. by a taxonomist.
- 683 *Melittis melissophyllum* L.
2016. Acc: 190037820, lpen: XX-0-MJG-190037820. Det. by a taxonomist.
- 684 *Mentha arvensis* L.
2016. Acc: 190058600, lpen: XX-0-MJG-190058600. Det. by a taxonomist.
- 685 *Mentha cervina* L.
2016. Acc: 200802414, lpen: FR-0-MJG-200802414, FRA: Dept. Hérault, 2007. Det. by a taxonomist.
- 686 *Mentha pulegium* L.
2016. Acc: 200801008, lpen: FR-0-MJG-200801008, FRA: Brittany, Ille-et-Vilaine, Saint Thuria, Bords d'étang siliceux. 2007-09-05. Det. by a taxonomist.
- 687 *Moluccella laevis* L.
2016. Acc: 200206002, lpen: XX-0-MJG-200206002. Det. by a taxonomist.
- 688 *Nepeta grandiflora* M.Bieb.
2016. Acc: 190044860, lpen: XX-0-MJG-19--44860. Det. by a taxonomist.
- 689 *Nepeta nuda* L. subsp. *nuda*
2016. Acc: 200812529, lpen: HU-0-MJG-200812529, HUN: Heves, Kerecsend, 47 47.490 N | 20 19.560 E. 2008-07-21. R. Omlor & M. Höhn. Det. by a taxonomist.
- 690 *Origanum vulgare* L.
2016. Acc: 200710708, lpen: DE-0-MJG-200710708, DEU: Rheinland-Pfalz, Gangelsberg bei Duchroth an der Nahe, 49,788939 | 7,739954. 2007. R. Omlor. Det. by a taxonomist.
- 691 *Perilla frutescens* var. *crispa* (Thunb.) H.Deane
2016. Acc: 190069470, lpen: XX-0-MJG-19--69470. Det. by a taxonomist.

- 692 *Phlomis fruticosa* L.**
2016. Acc: 190001410, Ipen: XX-0-MJG-19--01410. Det. by a taxonomist.
- 693 *Prunella laciniata* (L.) L.**
2016. Acc: 201111909, Ipen: RO-0-MJG-201111909, ROU: Cluj, Cluj-Napoca, Fanatele Clujului, 400 m, 46,838 | 23,621. 2011-07-24. U. Becker. Det. by a taxonomist.
- 694 *Rydingia integrifolia* (Benth.) Scheen & V.A.Albert**
2016. Acc: 190059830, Ipen: XX-0-MJG-19--59830. Det. by a taxonomist.
- 695 *Salvia argentea* L.**
2016. Acc: 190044920, Ipen: XX-0-MJG-19--44920. Det. by a taxonomist.
- 696 *Salvia austriaca* Jacq.**
2016. Acc: 200805305, Ipen: RO-0-M-2005/0305, ROU: Cluj, Satu. 2004. Det. by a taxonomist.
- 697 *Salvia coccinea* Murray**
2016. Acc: 190044930, Ipen: XX-0-MJG-19--44930. Det. by a taxonomist.
- 698 *Salvia daghestanica* Sosn.**
2016. Acc: 200302106, Ipen: RU-0-MJG-200302106, RUS: Ost-Kaukasus, Daghestan, Dazavgiss, 1000m, 1986. 86-167-K-30. Det. by a taxonomic specialist.
- 699 *Salvia dominica* L.**
2016. Acc: 201104907, Ipen: IL-0-MJG-201104907, ISR: Kfar Adomim. 2010. Det. by a taxonomist.
- 700 *Salvia hierosolymitana* Boiss.**
2016. Acc: 200609908, Ipen: IL-0-MJG-200609908, ISR: Central Israel, Jerusalem Mts. Det. by a taxonomist.
- 701 *Salvia jurisicii* Kosanin**
2016. Acc: 199627710, Ipen: XX-0-MJG-199627710. Det. by a taxonomist.
- 702 *Salvia nemorosa* L.**
2016. Acc: 190044960, Ipen: XX-0-MJG-19--44960. Det. by a taxonomist.
- 703 *Salvia officinalis* L.**
2016. Acc: 190049750, Ipen: XX-0-MJG-19--49750. Det. by a taxonomist.
- 704 *Salvia pratensis* L.**
2016. Acc: 200809901, Ipen: DE-0-MJG-200809901, DEU: Rheinland-Pfalz, Mainz, Stadtgebiet Mainz. 2008-06-06. B. Meyer. Det. by a horticulturist.
- 705 *Salvia ringens* Sibth. & Sm.**
2016. Acc: 200907610, Ipen: XX-0-MJG-200907610. Det. by a taxonomic specialist.
- 706 *Salvia scabiosifolia* Lam.**
2016. Acc: 200815310, Ipen: XX-0-MJG-200815310. Det. by a taxonomist.
- 707 *Salvia scabra* Thunb.**
2016. Acc: 199817703, Ipen: XX-0-MJG-199817703. Det. by a taxonomist.
- 708 *Salvia sclarea* L.**
2016. Acc: 200707107, Ipen: TR-0-MJG-200707107, TUR: Burdur, près du lac de Burdur. 2006. Det. by a horticulturist.
- 709 *Salvia splendens* Roemer & J.A.Schultes**
2016. Acc: 190044980, Ipen: XX-0-MJG-19--44980. Det. by a taxonomist.

- 710 *Salvia transsylvanica* (Grseb.) Schur.**
2016. Acc: 200907613, Ipen: XX-0-MJG-200907613. Det. by a taxonomic specialist.
- 711 *Salvia verticillata* L.**
2016. Acc: 190039270, Ipen: XX-0-MJG-19--39270. Det. by a taxonomist.
- 712 *Satureja montana* L.**
2016. Acc: 198801770, Ipen: XX-0-MJG-198801770. Det. by a taxonomist.
- 713 *Scutellaria alpina* L.**
2016. Acc: 190025800, Ipen: XX-0-MJG-19--25800. Det. by a taxonomist.
- 714 *Scutellaria baicalensis* Georgi**
2016. Acc: 190066820, Ipen: XX-0-MJG-19--66820. Det. by a taxonomist.
- 715 *Scutellaria galericulata* L.**
2016. Acc: 190045020, Ipen: XX-0-MJG-19--45020. Det. by a taxonomist.
- 716 *Scutellaria orientalis* L. subsp. *orientalis***
2016. Acc: 190056390, Ipen: XX-0-MJG-19--56390. Det. by a taxonomist.
- 717 *Sideritis syriaca* L.**
2016. Acc: 199711416, Ipen: XX-0-MJG-199711416. Det. by a taxonomist.
- 718 *Stachys alopecuroides* (L.) Benth.**
2016. Acc: 200004112, Ipen: XX-0-MJG-200004112. Det. by a taxonomist.
- 719 *Stachys germanica* L.**
2016. Acc: 190045040, Ipen: XX-0-MJG-19--45040. Det. by a taxonomist.
- 720 *Stachys macrantha* (K.Koch) Stearn**
2016. Acc: 190045050, Ipen: XX-0-MJG-19--45050. Det. by a taxonomist.
- 721 *Stachys officinalis* L.**
2016. Acc: 190044760, Ipen: XX-0-MJG-19--44760. Det. by a taxonomist.
- 722 *Stachys recta* L.**
2016. Acc: 200606924, Ipen: DE-0-MJG-200606924, DEU: Rheinland-Pfalz, Oberwesel, Oelsberg, Weinbergsbrachen, 50,121431 | 7,723603. 2006-07-20. R. Omlor & B. Mengel. Det. by a taxonomist.
- 723 *Teucrium botrys* L.**
2016. Acc: 190045070, Ipen: XX-0-MJG-19--45070. Det. by a taxonomist.
- 724 *Teucrium marum* L.**
2016. Acc: 190027640, Ipen: XX-0-MJG-19--27640. Det. by a taxonomist.
- 725 *Thymus praecox* Opiz subsp. *praecox***
2016. Acc: 200710701, Ipen: DE-0-MJG-200710701, DEU: Rheinland-Pfalz, Gangelsberg bei Duchroth an der Nahe, 49,788939 | 7,739954. Det. by a taxonomist.
- 726 *Thymus vulgaris* L.**
2016. Acc: 190001530, Ipen: XX-0-MJG-19--01530. Det. by a taxonomist.

Lardizabalaceae

- 727 *Sinofranchetia chinensis* (Franch.) Hemsl.**
2016. Acc: 195017190, Ipen: XX-0-MJG-195017190. Det. by a taxonomist.

Liliaceae

- 728 *Lilium henryi* Baker
2016. Acc: 190066990, lpen: XX-0-MJG-19--66990. Det. by a taxonomist.
- 729 *Lilium regale* E.H.Wilson
2016. Acc: 190067000, lpen: XX-0-MJG-19--67000. Det. by a taxonomist.

Limnanthaceae

- 730 *Limnanthes douglasii* R.Br.
2016. Acc: 200801003, lpen: XX-0-MJG-200801003. Det. by a taxonomist.

Linaceae

- 731 *Linum austriacum* L.
2016. Acc: 199704709, lpen: XX-0-MJG-199704709. Det. by a taxonomic specialist.
- 732 *Linum grandiflorum* Desf.
2016. Acc: 199809602, lpen: XX-0-MJG-199809602. Det. by a taxonomic specialist.
- 733 *Linum hirsutum* L. subsp. *hirsutum*
2016. Acc: 201011210, lpen: UA-0-MJG-201011210, UKR: Vinnytsia, Cheche-Inytsky district, Romashkovo, 48,24592 | 29,30517. Det. by a taxonomist.
- 734 *Linum perenne* L.
2016. Acc: 200916701, lpen: DE-0-MJG-200916701, DEU: Hessen, Darmstadt, Pfungstädter Düne. 2009-07-21. M. Repplinger. Det. by a taxonomic specialist.
- 735 *Linum usitatissimum* L.
2016. Acc: 190035880, lpen: XX-0-MJG-19--35880. Det. by a taxonomist.

Loasaceae

- 736 *Blumenbachia hieronymi* Urb.
2016. Acc: 200105808, lpen: XX-0-MJG-200105808. Det. by a taxonomist.
- 737 *Caiophora lateritia* (Hook.) Klotzsch
2016. Acc: 190035990, lpen: XX-0-MJG-19--35990. Det. by a taxonomist.
- 738 *Nasa triphylla* (Juss.) Weigend
2016. Acc: 199702509, lpen: XX-0-MJG-199702509. Det. by a taxonomist.

Lythraceae

- 739 *Cuphea procumbens* Cav.
2016. Acc: 190069680, lpen: XX-0-MJG-19--69680. Det. by a taxonomist.
- 740 *Lythrum hyssopifolia* L.
2016. Acc: 190069660, lpen: XX-0-MJG-19--69660. Det. by a taxonomist.
- 741 *Lythrum salicaria* L.
2016. Acc: 190023120, lpen: XX-0-MJG-19--23120. Det. by a taxonomist.
- 742 *Punica granatum* L. 'Nana'
2016. Acc: 190054180, lpen: XX-0-MJG-190054180. Det. by a taxonomist.

Magnoliaceae

- 743 *Magnolia salicifolia* (Siebold & Zucc.) Maxim.
2016. Acc: 199603830, lpen: XX-0-MJG-199603830. Det. by a taxonomist.
- 744 *Magnolia tripetala* L.
2016. Acc: 199328850, lpen: XX-0-MJG-199328850. Det. by a taxonomist.

Malvaceae

- 745 *Abelmoschus esculentus* (L.) Moench 'Kulturform'
2016. Acc: 190054270, lpen: XX-0-MJG-19--54270. Det. by a taxonomist.
- 746 *Abelmoschus esculentus* (L.) Moench 'Wildform'
2016. Acc: 190054230, lpen: XX-0-MJG-19--54230. Det. by a taxonomist.
- 747 *Abelmoschus moschatus* Medik.
2016. Acc: 200307006, lpen: XX-0-MJG-200307006. Det. by a taxonomist.
- 748 *Abutilon indicum* (L.) Sweet
2016. Acc: 190064430, lpen: XX-0-MJG-190064430. Not determined.
- 749 *Abutilon theophrasti* Medik.
2016. Acc: 190045100, lpen: XX-0-MJG-19--45100. Det. by a taxonomist.
- 750 *Alcea rosea* L.
2016. Acc: 190050010, lpen: XX-0-MJG-19--50010. Det. by a taxonomist.
- 751 *Anoda cristata* (L.) Schldl.
2016. Acc: 190045110, lpen: XX-0-MJG-19--45110. Det. by a taxonomist.
- 752 *Corchorus capsularis* L.
2016. Acc: 190039200, lpen: XX-0-MJG-19--39200. Det. by a taxonomist.
- 753 *Entelea arborescens* R.Br.
2016. Acc: 190045780, lpen: XX-0-MJG-19--45780. Det. by a taxonomist.
- 754 *Gossypium herbaceum* L.
2016. Acc: 199803503, lpen: XX-0-MJG-199803503. Det. by a taxonomist.
- 755 *Gossypium hirsutum* L.
2016. Acc: 199803504, lpen: XX-0-MJG-199803504. Det. by a taxonomist.
- 756 *Hibiscus moscheutos* L.
2016. Acc: 190040010, lpen: XX-0-MJG-19--40010. Det. by a taxonomist.
- 757 *Hibiscus paramutabilis* L.H.Bailey
2016. Acc: 199507760, lpen: XX-0-MJG-199507760. Det. by a taxonomist.
- 758 *Hibiscus sabdariffa* L.
2016. Acc: 190054250, lpen: XX-0-MJG-19--54250. Det. by a taxonomist.
- 759 *Hibiscus trionum* L.
2016. Acc: 190045120, lpen: XX-0-MJG-19--45120. Det. by a taxonomist.
- 760 *Kitaibela vitifolia* Willd.
2016. Acc: 190047480, lpen: XX-0-MJG-19--47480. Det. by a taxonomist.
- 761 *Lavatera olbia* L.
2016. Acc: 199260470, lpen: XX-0-MJG-199260470. Det. by a taxonomist.
- 762 *Lavatera thuringiaca* L.
2016. Acc: 200811901, lpen: HU-0-MJG-20081190, HUN: Budapest, Kiscell, 2007. Det. by a taxonomist.

- 763 *Malope trifida* Cav.**
2016. Acc: 190069060, lpen: XX-0-MJG-19--69060. Det. by a taxonomist.
- 764 *Malva alcea* L.**
2016. Acc: 200109320, lpen: DE-0-MJG-200109320, DEU: Brandenburg, Luckau. Det. by a taxonomist.
- 765 *Malva pusilla* Sm.**
2016. Acc: 190063640, lpen: XX-0-MJG-19--63640. Det. by a taxonomist.
- 766 *Malva sylvestris* L.**
2016. Acc: 190045130, lpen: XX-0-MJG-19--45130. Det. by a taxonomist.
- 767 *Malva verticillata* L.**
2016. Acc: 199812011, lpen: XX-0-MJG-199812011. Det. by a taxonomist.
- 768 *Modiola caroliniana* (L.) G.Don**
2016. Acc: 190036010, lpen: XX-0-MJG-19--36010. Det. by a taxonomist.
- 769 *Sida hermaphrodita* (L.) Rusby**
2016. Acc: 190056410, lpen: XX-0-MJG-19--56410. Det. by a taxonomist.
- 770 *Tilia cordata* Miller**
2016. Acc: 195000260, lpen: XX-0-MJG-195000260. Det. by a taxonomist.
- 771 *Tilia mongolica* Maxim.**
2016. Acc: 200816101, lpen: XX-0-MJG-200816101. Det. by a taxonomist.
- 772 *Urocarpidium peruvianum* (L.) Krapov.**
2016. Acc: 201013405, lpen: XX-0-MJG-201013405. Det. by a taxonomist.

Marantaceae

- 773 *Marantochloa leucantha* (K.Schum.) Milne-Redh.**
2016. Acc: 190054130, lpen: XX-0-MJG-19--54130. Det. by a taxonomist.

Martyniaceae

- 774 *Proboscidea louisianica* (Mill.) Thell.**
2016. Acc: 200205701, lpen: XX-0-MJG-200205701. Det. by a taxonomist.

Mazaceae

- 775 *Mazus miquelii* Makino**
2016. Acc: 190066360, lpen: XX-0-MJG-19--66360. Det. by a taxonomist.

Melanthiaceae

- 776 *Anticlea elegans* (Pursh) Rydb. subsp. *elegans***
2016. Acc: 190066310, lpen: XX-0-MJG-19--66310. Det. by a taxonomist.
- 777 *Anticlea elegans* subsp. *glauca* (Nutt.) A.Haines**
2016. Acc: 190066170, lpen: XX-0-MJG-19--66170. Det. by a taxonomist.
- 778 *Veratrum nigrum* L.**
2016. Acc: 190045150, lpen: XX-0-MJG-19--45150. Det. by a taxonomist.

Melastomataceae

- 779 *Calvoa orientalis* Taub.**
2016. Acc: 190057420, lpen: XX-0-MJG-19--57420. Det. by a taxonomist.

Meliaceae

- 780 *Melia azedarach* L.**
2016. Acc: 200216501, lpen: LB-0-MJG-200216501, LBN: Byblos, ca. 100 m zur Küste. 2000. H. Abresch. Det. by a taxonomist.

Meliantaceae

- 781 *Francoa appendiculata* Cav.**
2016. Acc: 190036980, lpen: XX-0-MJG-19--36980. Det. by a taxonomist.

Menispermaceae

- 782 *Menispermum canadense* L.**
2016. Acc: 195517210, lpen: XX-0-MJG-195517210. Det. by a taxonomist.
- 783 *Menispermum dauricum* DC.**
2016. Acc: 195517220, lpen: XX-0-MJG-195517220. Det. by a taxonomist.

Molluginaceae

- 784 *Mollugo verticillata* L.**
2016. Acc: 199809504, lpen: XX-0-MJG-199809504. Det. by a taxonomist.

Montiaceae

- 785 *Calandrinia ciliata* var. *menziesii* (Hook.) J.F.Macbr.**
2016. Acc: 190052220, lpen: XX-0-MJG-19--52220. Det. by a taxonomist.
- 786 *Calandrinia grandiflora* Lindl.**
2016. Acc: 190045580, lpen: XX-0-MJG-19--45580. Det. by a taxonomist.

Moraceae

- 787 *Broussonetia kazinoki* Siebold**
2016. Acc: 199631370, lpen: XX-0-MJG-199631370. Det. by a taxonomist.
- 788 *Maclura pomifera* (Raf.) C.K.Schneid.**
2016. Acc: 195013130, lpen: XX-0-MJG-195013130. Det. by a taxonomist.
- 789 *Morus cathayana* Hemsl.**
2016. Acc: 195008080, lpen: XX-0-MJG-195008080. Det. by a taxonomist.

Myricaceae

- 790 *Myrica gale* L.**
2016. Acc: 195017020, lpen: XX-0-MJG-195017020. Det. by a taxonomist.

Myrtaceae

- 791 *Eucalyptus ficifolia* F.Muell.
2016. Acc: 199452270, lpen: XX-0-MJG-199452270, AUS: Western Australia, Albany. 1994-10-12. P. Schubert. Det. by a taxonomist.
- 792 *Melaleuca leucadendra* (L.) L.
2016. Acc: 190031730, lpen: XX-0-MJG-190031730. Det. by a taxonomist.
- 793 *Melaleuca nesophila* F.Muell.
2016. Acc: 190004420, lpen: XX-0-MJG-190004420. Det. by a taxonomist.
- 794 *Syzygium jambos* (L.) Alston
2016. Acc: 190054280, lpen: XX-0-MJG-190054280. Det. by a taxonomist.

Nyctaginaceae

- 795 *Mirabilis jalapa* L.
2016. Acc: 190069260, lpen: XX-0-MJG-19--69260. Det. by a taxonomist.
- 796 *Mirabilis longiflora* L.
2016. Acc: 190022960, lpen: XX-0-MJG-19--22960. Det. by a taxonomist.
- 797 *Mirabilis viscosa* Cav.
2016. Acc: 190045170, lpen: XX-0-MJG-19--45170. Det. by a taxonomist.
- 798 *Oxybaphus nyctagineus* (Michx.) Sweet
2016. Acc: 200801004, lpen: XX-0-MJG-200801004. Det. by a taxonomist.

Oleaceae

- 799 *Fraxinus paxiana* Lingelsh.
2016. Acc: 195003500, lpen: XX-0-MJG-195003500. Det. by a taxonomist.
- 800 *Ligustrum quihoui* Carrière
2016. Acc: 195010590, lpen: XX-0-MJG-195010590. Det. by a taxonomist.
- 801 *Ligustrum sinense* Lour.
2016. Acc: 197909000, lpen: XX-0-MJG-197909000. Det. by a taxonomist.
- 802 *Osmanthus armatus* Diels
2016. Acc: 190016690, lpen: XX-0-MJG-19--16690. Det. by a taxonomist.

Onagraceae

- 803 *Boisduvalia densiflora* (Lindl.) S.Watson
2016. Acc: 190045180, lpen: XX-0-MJG-19--45180. Det. by a taxonomist.
- 804 *Clarkia pulchella* Pursh
2016. Acc: 199803112, lpen: XX-0-MJG-199803112. Det. by a taxonomist.
- 805 *Clarkia unguiculata* Lindl.
2016. Acc: 190034390, lpen: XX-0-MJG-19--34390. Det. by a taxonomist.
- 806 *Epilobium hirsutum* L.
2016. Acc: 190023330, lpen: XX-0-MJG-19--23330. Det. by a taxonomist.
- 807 *Lopezia racemosa* Cav.
2016. Acc: 190045190, lpen: XX-0-MJG-19--45190. Det. by a taxonomist.
- 808 *Oenothera acaulis* Cav.
2016. Acc: 190041340, lpen: XX-0-MJG-19--41340. Det. by a taxonomist.

- 809 *Oenothera glazioviana* Micheli
2016. Acc: 190062850, lpen: XX-0-MJG-19--62850. Det. by a taxonomist.
- 810 *Oenothera macrocarpa* Nutt.
2016. Acc: 190033830, lpen: XX-0-MJG-19--33830. Det. by a taxonomist.
- 811 *Oenothera oakesiana* (A.Gray) J.W.Robbins ex S.Watson & J.M.Coult.
2016. Acc: 200803811, lpen: DE-0-MJG-200803811, DEU: Hamburg, Steinwerder, Hafen. Det. by a taxonomist.
- 812 *Oenothera tetraptera* Cav.
2016. Acc: 200115611, lpen: BO-0-MJG-200115611, BOL: locality unknown. Det. by a taxonomist.

Orchidaceae

- 813 *Bletilla striata* (Thunb.) Rchb.f.
2016. Acc: 190034780, lpen: XX-0-MJG-19--34780. Det. by a taxonomist.
- 814 *Epipactis palustris* (L.) Crantz
2016. Acc: 190055340, lpen: XX-0-MJG-19--55340. Det. by a taxonomist.

Orobanchaceae

- 815 *Orobanche hederæ* Vaucher ex Duby
2016. Acc: 190023090, lpen: XX-0-MJG-19--23090. Det. by a taxonomist.
- 816 *Orobanche ramosa* L.
2016. Acc: 190073520, lpen: XX-0-MJG-190073520. Det. by a taxonomist.
- 817 *Rhinanthus alectorolophus* (Scop.) Pollich
2016. Acc: 200613101, lpen: DE-0-MJG-200613101, DEU: Rheinland-Pfalz, Worms, südlich von Osthofen, "Am Untertor 100", 49,674044 | 8,319998. 2006-06-26. Det. by a taxonomist.

Paeoniaceae

- 818 *Paeonia mascula* (L.) Mill.
2016. Acc: 197645200, lpen: IT-0-MJG-197645200, ITA: Sardinia, without locality. 1976. U. Hecker. Det. by a taxonomist.
- 819 *Paeonia mlokosewitschii* Lomakin
2016. Acc: 190061390, lpen: XX-0-MJG-19--61390. Det. by a taxonomist.
- 820 *Paeonia suffruticosa* Haw.
2016. Acc: 195008130, lpen: XX-0-MJG-195008130. Det. by a taxonomist.

Papaveraceae

- 821 *Argemone platyceras* Link & Otto
2016. Acc: 190045210, lpen: XX-0-MJG-19--45210. Det. by a taxonomist.
- 822 *Capnoides sempervirens* (L.) Borkh.
2016. Acc: 190044610, lpen: XX-0-MJG-19--44610. Det. by a taxonomist.
- 823 *Chelidonium majus* L.
2016. Acc: 190058680, lpen: XX-0-MJG-19--58680. Det. by a taxonomist.
- 824 *Dactylicapnos torulosa* (Hook.f. & Thomson) Hutch.
2016. Acc: 190037910, lpen: XX-0-MJG-19--37910. Det. by a taxonomist.

- 825 *Lamprocapnos spectabilis* (L.) Fukuhara**
2016. Acc: 190037860, lpen: XX-0-MJG-19--37860. Det. by a taxonomist.
- 826 *Dicranostigma leptopodum* (Maxim.) Fedde**
2016. Acc: 190069590, lpen: XX-0-MJG-19--69590. Det. by a taxonomist.
- 827 *Glaucium flavum* Crantz**
2016. Acc: 190069540, lpen: XX-0-MJG-19--69540. Det. by a taxonomist.
- 828 *Hypecoum leptocarpum* Hook.f. & Thomson**
2016. Acc: 190069580, lpen: XX-0-MJG-19--69580. Det. by a taxonomist.
- 829 *Papaver armeniacum* (L.) DC.**
2016. Acc: 190056440, lpen: XX-0-MJG-19--56440. Det. by a taxonomist.
- 830 *Papaver atlanticum* (Ball) Coss.**
2016. Acc: 190047250, lpen: XX-0-MJG-19--47250. Det. by a taxonomist.
- 831 *Papaver bracteatum* Lindl.**
2016. Acc: 199702510, lpen: XX-0-MJG-199702510. Det. by a taxonomist.
- 832 *Papaver cambricum* L.**
2016. Acc: 190020220, lpen: XX-0-MJG-19--20220. Det. by a taxonomist.
- 833 *Papaver pilosum* subsp. *spicatum* (Boiss. & Balansa) N.Wendt ex Kadereit**
2016. Acc: 190047260, lpen: XX-0-MJG-19--47260. Det. by a taxonomist.
- 834 *Papaver rhoeas* L.**
2016. Acc: 190041630, lpen: XX-0-MJG-19--41630. Det. by a taxonomist.
- 835 *Stylophorum diphyllum* (Michx.) Nutt.**
2016. Acc: 190037890, lpen: XX-0-MJG-19--37890. Det. by a taxonomist.
- 836 *Stylophorum lasiocarpum* (Olivier) Fedde**
2016. Acc: 190037760, lpen: XX-0-MJG-19--37760. Det. by a taxonomist.

Passifloraceae

- 837 *Passiflora caerulea* L.**
2016. Acc: 200813707, lpen: XX-0-MJG-200813707. Det. by a taxonomist.

Pedaliaceae

- 838 *Ceratotheca triloba* E.Meyer ex Bernhard**
2016. Acc: 190069390, lpen: XX-0-MJG-19--69390. Det. by a taxonomist.
- 839 *Sesamum indicum* L.**
2016. Acc: 190038170, lpen: XX-0-MJG-19--38170. Det. by a taxonomist.
- 840 *Uncarina grandidieri* (Baill.) Stapf**
2016. Acc: 190073500, lpen: XX-0-MJG-190073500. Not determined.

Penthoraceae

- 841 *Penthorum sedoides* L.**
2016. Acc: 190037870, lpen: XX-0-MJG-19--37870. Det. by a taxonomist.

Petiveriaceae

- 842 *Hillieria latifolia* (Lam.) H.Walter**
2016. Acc: 190004860, lpen: XX-0-MJG-190004860.

- 843 *Rivina humilis* L.**
2016. Acc: 190004850, lpen: XX-0-MJG-190004850. Det. by a taxonomist.

Phrymaceae

- 844 *Mimulus aurantiacus* Curtis**
2016. Acc: 200916501, lpen: US-0-MJG-200916501, USA: Kalifornien. 2010. G. Kadereit & J.W. Kadereit. Det. by a taxonomist.
- 845 *Mimulus guttatus* Fisch. ex DC.**
2016. Acc: 190064030, lpen: XX-0-MJG-19--64030. Det. by a taxonomist.
- 846 *Phryma leptostachya* L.**
2016. Acc: 190069410, lpen: XX-0-MJG-19--69410. Det. by a taxonomist.

Phytolaccaceae

- 847 *Phytolacca acinosa* Roxb.**
2016. Acc: 190043140, lpen: XX-0-MJG-19--43140. Det. by a taxonomist.
- 848 *Phytolacca americana* L.**
2016. Acc: 190058740, lpen: XX-0-MJG-19--58740. Det. by a taxonomist.

Pinaceae

- 849 *Tsuga canadensis* (L.) Carrière**
2016. Acc: 195214010, lpen: XX-0-MJG-195214010. Det. by a taxonomist.

Pittosporaceae

- 850 *Pittosporum undulatum* Vent.**
2016. Acc: 190052150, lpen: XX-0-MJG-19--52150. Det. by a taxonomist.

Plantaginaceae

- 851 *Digitalis grandiflora* Miller**
2016. Acc: 190058780, lpen: XX-0-MJG-19--58780. Det. by a taxonomist.
- 852 *Digitalis purpurea* L.**
2016. Acc: 199721101, lpen: DE-0-MJG-199721101, DEU: Hessen, Rheingau, MTB 5914/1, 330 - 350 m. 1997-08-03. B. Meyer. Det. by a horticulturist.
- 853 *Erinus alpinus* L.**
2016. Acc: 190032980, lpen: XX-0-MJG-19--32980. Det. by a taxonomist.
- 854 *Globularia bisnagarica* L.**
2016. Acc: 200812543, lpen: HU-0-MJG-200812543, HUN: Fejér, W of Csákvár, 47° 23.25' N | 18° 26.32' E. 2008-07-25. R. Omlor & M. Höhn. Det. by a taxonomist.
- 855 *Globularia nudicaulis* L.**
2016. Acc: 190046520, lpen: XX-0-MJG-19--46520. Det. by a taxonomist.
- 856 *Gratiola officinalis* L.**
2016. Acc: 199555240, lpen: DE-0-MJG-199555240, DEU: Rheinland-Pfalz, Mainz, Laubenheimer-Bodenheimer Ried, 49,944482 | 8,317165. 1995. U. Hecker. Det. by a taxonomist.

- 857 *Hebe pimeleoides* (Hook.f.) Cockayne & Allan**
2016. Acc: 190019650, lpen: XX-0-MJG-19--19650. Det. by a taxonomist.
- 858 *Maurandya barclaiana* Lindl.**
2016. Acc: 190063350, lpen: XX-0-MJG-19--63350. Det. by a taxonomist.
- 859 *Penstemon campanulatus* (Cav.) Willd.**
2016. Acc: 199700803, lpen: XX-0-MJG-199700803. Det. by a taxonomist.
- 860 *Penstemon richardsonii* Douglas**
2016. Acc: 200400805, lpen: XX-0-MJG-200400805. Det. by a taxonomist.
- 861 *Plantago afra* L.**
2016. Acc: 190036820, lpen: XX-0-MJG-19--36820. Det. by a taxonomist.
- 862 *Plantago lanceolata* L.**
2016. Acc: 190036850, lpen: XX-0-MJG-19--36850. Det. by a taxonomist.
- 863 *Plantago major* L.**
2016. Acc: 201510001, lpen: DE-0-MJG-201510001, DEU: Rheinland-Pfalz, Mainz, Gonsbachtal, An der Ochsenwiese, Feldweg, 49,998685 | 8,212548. 2015-11-19. A. Bernsee. Det. by a horticulturist.
- 864 *Veronica gentianoides* Vahl**
2016. Acc: 190031140, lpen: XX-0-MJG-19--31140. Det. by a taxonomist.
- 865 *Veronica jacquinii* Baumg.**
2016. Acc: 190033560, lpen: XX-0-MJG-19--33560. Det. by a taxonomic specialist.
- 866 *Veronica longifolia* L.**
2016. Acc: 190047730, lpen: XX-0-MJG-19--47730. Det. by a taxonomist.
- 867 *Veronica teucrium* L.**
2016. Acc: 190047740, lpen: XX-0-MJG-19--47740. Det. by a taxonomist.
- 868 *Veronica urticifolia* Jacq.**
2016. Acc: 190043100, lpen: XX-0-MJG-19--43100. Det. by a taxonomist.

Plumbaginaceae

- 869 *Armeria maritima* subsp. *halleri* (Wallr.) Rothm.**
2016. Acc: 190050030, lpen: XX-0-MJG-19--50030. Det. by a taxonomist.
- 870 *Goniolimon tataricum* (L.) Boiss.**
2016. Acc: 200811213, lpen: RU-0-MJG-200811213, RUS: Rostov Oblast, without locality. Det. by a taxonomist.
- 871 *Limonium platyphyllum* Lincz.**
2016. Acc: 200915805, lpen: RU-0-MJG-200915805, RUS: Rostov Oblast, without locality. Det. by a taxonomist.
- 872 *Plumbagella micrantha* (Ledeb.) Spach**
2016. Acc: 201102704, lpen: XX-0-MJG-201102704. Det. by a taxonomist.
- 873 *Psylliostachys spicata* (Willd.) Nevski**
2016. Acc: 201306308, lpen: IL-0-MJG-201306308, ISR: Jordan Valley. Det. by a taxonomist.
- 874 *Psylliostachys suworowii* (Regel) Roshkova**
2016. Acc: 190047600, lpen: XX-0-MJG-19--47600. Det. by a taxonomist.

Poaceae

- 875 *Aegilops geniculata* Roth**
2016. Acc: 190021580, lpen: XX-0-MJG-19--21580. Det. by a taxonomist.
- 876 *Aegilops triuncialis* L.**
2016. Acc: 201202603, lpen: XX-0-MJG-201202603. Det. by a taxonomist.
- 877 *Agrostis gigantea* Roth**
2016. Acc: 199707314, lpen: XX-0-MJG-199707314. Det. by a taxonomist.
- 878 *Aira caryophyllea* L.**
2016. Acc: 190036920, lpen: XX-0-MJG-19--36920. Det. by a taxonomist.
- 879 *Aira elegantissima* Schur**
2016. Acc: 199707904, lpen: XX-0-MJG-199707904. Det. by a taxonomist.
- 880 *Alopecurus rendlei* Eig**
2016. Acc: 190063030, lpen: XX-0-MJG-19--63030. Det. by a taxonomist.
- 881 *Andropogon gerardii* Vitman**
2016. Acc: 201301505, lpen: US-0-MJG-201301505, USA: Illinois, bei Chicago, Prarie. Det. by a taxonomist.
- 882 *Antheophora pubescens* Nees**
2016. Acc: 199666180, lpen: XX-0-MJG-199666180. Det. by a taxonomist.
- 883 *Anthoxanthum aristatum* Boiss.**
2016. Acc: 199803602, lpen: XX-0-MJG-199803602. Det. by a taxonomist.
- 884 *Anthoxanthum odoratum* L.**
2016. Acc: 190038540, lpen: XX-0-MJG-19--38540. Det. by a taxonomist.
- 885 *Apera spica-venti* (L.) P.Beauv.**
2016. Acc: 190021860, lpen: XX-0-MJG-19--21860. Det. by a taxonomist.
- 886 *Arrhenatherum elatius* subsp. *bulbosum* (Willd.) Schubl. & G.Martens**
2016. Acc: 199707313, lpen: FR-0-MJG-199707313, FRA: Dep. Calvados, Parc de Croisilles, Ville de Caen. 1996. Det. by a taxonomist.
- 887 *Arthraxon ciliaris* P.Beauv.**
2016. Acc: 190040030, lpen: XX-0-MJG-19--40030. Det. by a taxonomist.
- 888 *Avena fatua* L.**
2016. Acc: 199702336, lpen: XX-0-MJG-199702336. Det. by a taxonomist.
- 889 *Avena sativa* L.**
2016. Acc: 200811001, lpen: XX-0-MJG-200811001. Det. by a taxonomist.
- 890 *Beckmannia eruciformis* (L.) Host**
2016. Acc: 190066730, lpen: XX-0-MJG-19--66730. Det. by a taxonomist.
- 891 *Bothriochloa ischaemum* (L.) Keng**
2016. Acc: 190061270, lpen: XX-0-MJG-19--61270. Det. by a taxonomist.
- 892 *Bouteloua curtipendula* (Michx.) Torr.**
2016. Acc: 190068910, lpen: XX-0-MJG-19--68910. Det. by a taxonomist.
- 893 *Bouteloua gracilis* (Humb., Bonpl. & Kunth) Griffiths**
2016. Acc: 190027450, lpen: XX-0-MJG-19--27450. Det. by a horticulturist.
- 894 *Brachypodium pinnatum* (L.) P.Beauv.**
2016. Acc: 190021610, lpen: XX-0-MJG-19--21610. Det. by a taxonomist.

- 895 *Briza media* L.
2016. Acc: 190021240, lpen: XX-0-MJG-19--21240. Det. by a taxonomist.
- 896 *Briza minor* L.
2016. Acc: 190021230, lpen: XX-0-MJG-19--21230. Det. by a taxonomist.
- 897 *Bromus erectus* Huds.
2016. Acc: 190021640, lpen: XX-0-MJG-19--21640. Det. by a taxonomist.
- 898 *Bromus grossus* Desf. ex DC.
2016. Acc: 200313101, lpen: DE-0-MJG-200313101, DEU: Rheinland-Pfalz, Wengerohr bei Wittlich an der Mosel. 2002. A. Oesau. Det. by a taxonomist.
- 899 *Bromus inermis* Leyss.
2016. Acc: 190021650, lpen: XX-0-MJG-19--21650. Det. by a taxonomist.
- 900 *Bromus japonicus* Thunb. ex Murray
2016. Acc: 190021680, lpen: XX-0-MJG-19--21680. Det. by a taxonomist.
- 901 *Bromus sterilis* L.
2016. Acc: 190021630, lpen: XX-0-MJG-19--21630. Det. by a taxonomist.
- 902 *Bromus tectorum* L.
2016. Acc: 199127740, lpen: DE-0-MJG-199127740, DEU: Hessen, Griesheim bei Darmstadt. 1991-07-02. U. Hecker. Det. by a taxonomist.
- 903 *Catapodium rigidum* (L.) C.E.Hubb.
2016. Acc: 190021220, lpen: XX-0-MJG-19--21220. Det. by a taxonomist.
- 904 *Cenchrus ciliaris* L.
2016. Acc: 199636950, lpen: XX-0-MJG-199636950. Det. by a taxonomist.
- 905 *Cenchrus tribuloides* L.
2016. Acc: 190068980, lpen: XX-0-MJG-19--68980. Det. by a taxonomist.
- 906 *Chaetopogon fasciculatus* (Link) Hayek
2016. Acc: 190040040, lpen: XX-0-MJG-19--40040. Det. by a taxonomist.
- 907 *Chasmanthium latifolium* (Michx.) Yates
2016. Acc: 190021260, lpen: XX-0-MJG-19--21260. Det. by a taxonomist.
- 908 *Chloris barbata* (L.) Sw.
2016. Acc: 190040050, lpen: XX-0-MJG-19--40050. Det. by a taxonomist.
- 909 *Chloris submutica* Humb., Bonpl.Et.Kunth
2016. Acc: 190040060, lpen: XX-0-MJG-19--40060. Det. by a taxonomist.
- 910 *Chloris virgata* Sw.
2016. Acc: 199708203, lpen: XX-0-MJG-199708203. Det. by a taxonomist.
- 911 *Chrysopogon gryllus* (L.) Trin.
2016. Acc: 200812515, lpen: HU-0-MJG-200812515, HUN: Csongrád, 25 km W of Szeged, Ásotthalon, 46° 12.8' N | 19° 47.2' E. 2008-07-18. R. Omlor & M. Höhn. Det. by a taxonomist.
- 912 *Coix lacryma-jobi* L.
2016. Acc: 190040070, lpen: XX-0-MJG-19--40070. Det. by a taxonomist.
- 913 *Cornucopiae cucullatum* L.
2016. Acc: 190068880, lpen: XX-0-MJG-19--68880. Det. by a taxonomist.
- 914 *Cortaderia selloana* (Schult. & Schult.f.) Asch. & Graebn.
2016. Acc: 190021740, lpen: XX-0-MJG-19--21740. Det. by a taxonomist.

- 915 *Corynephorus canescens* (L.) P.Beauv.
2016. Acc: 200703104, lpen: DE-0-MJG-200703104, DEU: Niedersachsen, Spiekeroog. 2006-08-28. H. Barmbold & K. Bartsch. Det. by a taxonomist.
- 916 *Crypsis schoenoides* (L.) Lam.
2016. Acc: 199706129, lpen: XX-0-MJG-199706129. Det. by a taxonomist.
- 917 *Cynosurus echinatus* L.
2016. Acc: 190021210, lpen: XX-0-MJG-19--21210. Det. by a taxonomist.
- 918 *Deschampsia flexuosa* (L.) Trin.
2016. Acc: 199702936, lpen: XX-0-MJG-199702936. Det. by a taxonomist.
- 919 *Diarrhena americana* P.Beauv.
2016. Acc: 190021270, lpen: XX-0-MJG-19--21270. Det. by a taxonomist.
- 920 *Digitaria sanguinalis* (L.) Scop.
2016. Acc: 190040090, lpen: XX-0-MJG-19--40090. Det. by a taxonomist.
- 921 *Dinebra retroflexa* (Vahl) Panz.
2016. Acc: 190068920, lpen: XX-0-MJG-19--68920. Det. by a taxonomist.
- 922 *Echinaria capitata* (L.) Desf.
2016. Acc: 190021390, lpen: XX-0-MJG-19--21390. Det. by a taxonomist.
- 923 *Echinochloa utilis* Ohwi & Yabuno
2016. Acc: 190068960, lpen: XX-0-MJG-19--68960. Det. by a taxonomist.
- 924 *Eleusine coracana* (L.) Gaertn.
2016. Acc: 190040110, lpen: XX-0-MJG-19--40110. Det. by a taxonomist.
- 925 *Eleusine indica* (L.) Gaertn.
2016. Acc: 190036290, lpen: XX-0-MJG-19--36290. Det. by a taxonomist.
- 926 *Eleusine tristachya* (Lam.) Lam.
2016. Acc: 190040120, lpen: XX-0-MJG-19--40120. Det. by a taxonomist.
- 927 *Eragrostis ferruginea* (Thunb.) P.Beauv.
2016. Acc: 201404908, lpen: CN-0-MJG-201404908, CHN: Beishu Lu, near Jiuyiang, Mt. Lushan National Park. 2010. C. Schmidt. Det. by a taxonomist.
- 928 *Eragrostis minor* Host
2016. Acc: 190062940, lpen: XX-0-MJG-19--62940. Det. by a taxonomist.
- 929 *Eragrostis tef* (Zuccagni) Trotter
2016. Acc: 190055880, lpen: XX-0-MJG-19--55880. Det. by a taxonomist.
- 930 *Eremopyrum orientale* (L.) Jaub. & Spach
2016. Acc: 190021470, lpen: XX-0-MJG-19--21470. Det. by a taxonomist.
- 931 *Gaudinia fragilis* (L.) P.Beauv.
2016. Acc: 190021820, lpen: XX-0-MJG-19--21820. Det. by a taxonomist.
- 932 *Hainardia cylindrica* (Willd.) W.Greuter
2016. Acc: 190021440, lpen: XX-0-MJG-19--21440. Det. by a taxonomist.
- 933 *Harpochloa falx* (L.f.) Kuntze
2016. Acc: 200904108, lpen: XX-0-MJG-200904108. Det. by a taxonomist.
- 934 *Helictotrichon sempervirens* (Vill.) Pilg.
2016. Acc: 190021810, lpen: XX-0-MJG-19--21810. Det. by a taxonomist.
- 935 *Holcus lanatus* L.
2016. Acc: 190040130, lpen: XX-0-MJG-19--40130. Det. by a taxonomist.

- 936 *Hordelymus europaeus* (L.) Jessen ex Harz
2016. Acc: 190020560, lpen: XX-0-MJG-19--20560. Det. by a taxonomist.
- 937 *Hordeum bulbosum* L.
2016. Acc: 190021120, lpen: XX-0-MJG-19--21120. Det. by a taxonomist.
- 938 *Hordeum distichon* L. 'Braugerste'
2016. Acc: 200811002, lpen: XX-0-MJG-200811002. Det. by a taxonomist.
- 939 *Hordeum jubatum* L.
2016. Acc: 190021100, lpen: XX-0-MJG-19--21100. Det. by a taxonomist.
- 940 *Hordeum vulgare* L. var. *vulgare*
2016. Acc: 200205702, lpen: XX-0-MJG-200205702. Det. by a taxonomist.
- 941 *Lagurus ovatus* L.
2016. Acc: 190021870, lpen: XX-0-MJG-19--21870. Det. by a taxonomist.
- 942 *Lamarckia aurea* (L.) Moench
2016. Acc: 190021280, lpen: XX-0-MJG-19--21280. Det. by a taxonomist.
- 943 *Lolium temulentum* L.
2016. Acc: 190021400, lpen: XX-0-MJG-19--21400. Det. by a taxonomist.
- 944 *Lygeum spartum* Loefl. ex L.
2016. Acc: 190021730, lpen: XX-0-MJG-19--21730. Det. by a taxonomist.
- 945 *Melica ciliata* L.
2016. Acc: 190021160, lpen: XX-0-MJG-19--21160. Det. by a taxonomist.
- 946 *Melica nutans* L.
2016. Acc: 201403703, lpen: XX-0-ULM-2000F-268. Det. by a taxonomist.
- 947 *Miscanthus sacchariflorus* (Maxim.) Hack.
2016. Acc: 190063050, lpen: XX-0-MJG-19--63050. Det. by a taxonomist.
- 948 *Molinia caerulea* (L.) Moench
2016. Acc: 190021750, lpen: XX-0-MJG-19--21750. Det. by a taxonomist.
- 949 *Muhlenbergia mexicana* (L.) Trin.
2016. Acc: 190052260, lpen: XX-0-MJG-19--52260. Det. by a taxonomist.
- 950 *Oryza sativa* L.
2016. Acc: 190040200, lpen: XX-0-MJG-19--40200. Det. by a taxonomist.
- 951 *Panicum bulbosum* Humb., Bonpl. & Kunth
2016. Acc: 190040150, lpen: XX-0-MJG-19--40150. Det. by a taxonomist.
- 952 *Panicum capillare* L.
2016. Acc: 190040160, lpen: XX-0-MJG-19--40160. Det. by a taxonomist.
- 953 *Paspalum dilatatum* Poir.
2016. Acc: 190068950, lpen: XX-0-MJG-19--68950. Det. by a taxonomist.
- 954 *Paspalum racemosum* Lam.
2016. Acc: 201013019, lpen: XX-0-MJG-201013019. Det. by a taxonomist.
- 955 *Pennisetum glaucum* (L.) R.Br.
2016. Acc: 190063040, lpen: XX-0-MJG-19--63040. Det. by a taxonomist.
- 956 *Pennisetum macrourum* Trin.
2016. Acc: 190052240, lpen: XX-0-MJG-19--52240. Det. by a taxonomist.
- 957 *Pennisetum villosum* R.Br. ex Fresen.
2016. Acc: 190044640, lpen: XX-0-MJG-19--44640. Det. by a taxonomist.

- 958 *Phaenosperma globosum* Munro
2016. Acc: 190068870, lpen: XX-0-MJG-19--68870. Det. by a taxonomist.
- 959 *Phalaris arundinacea* L.
2016. Acc: 190040210, lpen: XX-0-MJG-19--40210. Det. by a taxonomist.
- 960 *Phalaris canariensis* L.
2016. Acc: 199713310, lpen: DE-0-MJG-199713310, DEU: Hamburg, Osdorf, Klein Flottbek, Ohnhorststraße. 1995-09-12. Holle Kuschel. Det. by a taxonomist.
- 961 *Pharus latifolius* L.
2016. Acc: 190076680, lpen: XX-0-MJG-190076680. Det. by a taxonomist.
- 962 *Phleum paniculatum* Huds.
2016. Acc: 190040220, lpen: XX-0-MJG-19--40220. Det. by a taxonomist.
- 963 *Phleum pratense* L.
2016. Acc: 190061220, lpen: XX-0-MJG-19--61220. Det. by a taxonomist.
- 964 *Piptatherum miliaceum* (L.) Coss.
2016. Acc: 190043160, lpen: XX-0-MJG-19--43160. Det. by a taxonomist.
- 965 *Polypogon monspeliensis* (L.) Desf.
2016. Acc: 190068890, lpen: XX-0-MJG-19--68890. Det. by a taxonomist.
- 966 *Rhynchelytrum repens* (Willd.) C.E.Hubb.
2016. Acc: 190042840, lpen: XX-0-MJG-19--42840. Det. by a taxonomist.
- 967 *Rostraria cristata* (L.) Tzvelev
2016. Acc: 201300504, lpen: XX-0-MJG-201300504. Det. by a taxonomist.
- 968 *Schizachyrium scoparium* (Michx.) Nash
2016. Acc: 190061310, lpen: XX-0-MJG-19--61310. Det. by a taxonomist.
- 969 *Secale montanum* Guss.
2016. Acc: 190044650, lpen: XX-0-MJG-19--44650. Det. by a taxonomist.
- 970 *Sesleria argentea* (Savi) Savi
2016. Acc: 201113409, lpen: XX-0-MJG-201113409. Det. by a taxonomist.
- 971 *Setaria italica* (L.) P.Beauv.
2016. Acc: 190042850, lpen: XX-0-MJG-19--42850. Det. by a taxonomist.
- 972 *Setaria pumila* (Poir.) Schult.
2016. Acc: 190042860, lpen: XX-0-MJG-19--42860. Det. by a taxonomist.
- 973 *Setaria verticillata* (L.) P.Beauv.
2016. Acc: 190042870, lpen: XX-0-MJG-19--42870. Det. by a taxonomist.
- 974 *Sorghastrum nutans* (L.) Nash
2016. Acc: 190061280, lpen: XX-0-MJG-19--61280. Det. by a taxonomist.
- 975 *Sorghum dochna* var. *technicum* (Körn.) Snowden
2016. Acc: 190039370, lpen: XX-0-MJG-19--39370. Det. by a taxonomist.
- 976 *Sorghum halepense* (L.) Pers.
2016. Acc: 190042900, lpen: XX-0-MJG-19--42900. Det. by a taxonomist.
- 977 *Sporobolus heterolepis* (Gray) A.Gray
2016. Acc: 190061230, lpen: XX-0-MJG-19--61230. Det. by a taxonomist.
- 978 *Sporobolus indicus* (L.) R.Br.
2016. Acc: 199801108, lpen: FR-0-MJG-199801108, FRA: Aquitaine, Dep. Landes. Det. by a taxonomist.

- 979 *Stipa capillata* L.**
2016. Acc: 198224350, lpen: DE-0-MJG-198224350, DEU: Rheinland-Pfalz, Mainz, NSG Mainzer Sand, 50,011917 | 8,212023. 1982. U. Hecker. Det. by a taxonomist.
- 980 *Stipa lessingiana* Trin. & Rupr.**
2016. Acc: 200811214, lpen: RU-0-MJG-200811214, RUS: Rostov Oblast, without locality. Det. by a taxonomist.
- 981 *Stipa robusta* (Vasey) Scribn.**
2016. Acc: 190061190, lpen: XX-0-MJG-19--61190. Det. by a taxonomist.
- 982 *Stipa viridula* Trin.**
2016. Acc: 190061180, lpen: XX-0-MJG-19--61180. Det. by a taxonomist.
- 983 *Taeniatherum caput-medusae* (L.) Nevski**
2016. Acc: 190021080, lpen: XX-0-MJG-19--21080. Det. by a taxonomist.
- 984 *Tragus racemosus* (L.) All.**
2016. Acc: 190068940, lpen: XX-0-MJG-19--68940.
- 985 *Triticum baeoticum* Boiss.**
2016. Acc: 190021560, lpen: XX-0-MJG-19--21560. Det. by a taxonomist.
- 986 *Triticum monococcum* L.**
2016. Acc: 190021550, lpen: XX-0-MJG-19--21550. Det. by a taxonomist.
- 987 *Triticum spelta* L.**
2016. Acc: 190021520, lpen: XX-0-MJG-19--21520. Det. by a taxonomist.
- 988 *Triticum turgidum* L.**
2016. Acc: 190021500, lpen: XX-0-MJG-19--21500. Det. by a taxonomist.
- 989 *Triticum turgidum* subsp. *polonicum* (L.) Thell.**
2016. Acc: 200701009, lpen: XX-0-MJG-200701009. Det. by a taxonomist.

Podocarpaceae

- 990 *Podocarpus latifolius* (Thunb.) R.Br. ex Mirb.**
2016. Acc: 190029130, lpen: XX-0-MJG-19--29130. Det. by a taxonomist.

Polemoniaceae

- 991 *Collomia grandiflora* Douglas ex Lindl.**
2016. Acc: 199800311, lpen: XX-0-MJG-199800311. Det. by a taxonomist.
- 992 *Gilia achilleifolia* Benth.**
2016. Acc: 190045490, lpen: XX-0-MJG-19--45490. Det. by a taxonomist.
- 993 *Ipomopsis rubra* (L.) Wherry**
2016. Acc: 200806010, lpen: US-0-MJG-200806010, USA: Michigan, without locality. Det. by a taxonomist.
- 994 *Navarretia squarrosa* (Eschsch.) Hook. & Arn.**
2016. Acc: 190045510, lpen: XX-0-MJG-19--45510. Det. by a taxonomist.
- 995 *Phlox drummondii* Hook.**
2016. Acc: 190038150, lpen: XX-0-MJG-19--38150. Det. by a taxonomist.
- 996 *Polemonium carneum* A.Gray**
2016. Acc: 200902804, lpen: XX-0-MJG-200902804. Det. by a taxonomist.

Polygonaceae

- 997 *Emex spinosa* (L.) Campd.**
2016. Acc: 190045520, lpen: XX-0-MJG-19--45520. Det. by a taxonomist.
- 998 *Fagopyrum esculentum* Moench**
2016. Acc: 190045530, lpen: XX-0-MJG-19--45530. Det. by a taxonomist.
- 999 *Fagopyrum tataricum* (L.) G.Gaertn.**
2016. Acc: 190045540, lpen: XX-0-MJG-19--45540. Det. by a taxonomist.
- 1000 *Oxyria digyna* (L.) Hill**
2016. Acc: 190045560, lpen: XX-0-MJG-19--45560. Det. by a taxonomist.
- 1001 *Persicaria capitata* (D.Don) H.Gross**
2016. Acc: 190038300, lpen: XX-0-MJG-190038300. Det. by a taxonomist.
- 1002 *Persicaria orientalis* (L.) Spach**
2016. Acc: 190038340, lpen: XX-0-MJG-19--38340.
- 1003 *Polygonum arenarium* Waldst. & Kit.**
2016. Acc: 201409201, lpen: HU-0-MJG-201409201, HUN: Bács-Kiskun, Kecskemét, Kiskunsag, sand dunes and alkaline sand-steppes near Tatarszentgyörgy and Orgovány. 2013. Geza Kosa. Det. by a taxonomist.
- 1004 *Rheum australe* D.Don**
2016. Acc: 190063120, lpen: XX-0-MJG-19--63120. Det. by a taxonomist.
- 1005 *Rumex acetosella* L. subsp. *acetosella***
2016. Acc: 190056610, lpen: XX-0-MJG-19--56610. Det. by a taxonomist.
- 1006 *Rumex acetosella* subsp. *pyrenaicus* (Pourr. ex Lapeyr.) Akeroyd**
2016. Acc: 201377442, lpen: DE-0-MJG-201377442. Det. by a taxonomist.
- 1007 *Rumex scutatus* L.**
2016. Acc: 200606901, lpen: DE-0-MJG-200606901, DEU: Rheinland-Pfalz, "Mönchsrinne" nordwestlich von Bacharach, 50,058999 | 7,751842. 2006-07-20. R. Omlor, B. Mengel. Det. by a taxonomist.

Portulacaceae

- 1008 *Portulaca grandiflora* Hook.**
2016. Acc: 190045600, lpen: XX-0-MJG-19--45600. Det. by a taxonomist.
- 1009 *Portulaca pilosa* L.**
2016. Acc: 190069270, lpen: XX-0-MJG-19--69270. Det. by a taxonomist.
- 1010 *Portulaca rubricaulis* Kunth**
2016. Acc: 190052230, lpen: XX-0-MJG-19--52230. Det. by a taxonomist.

Primulaceae

- 1011 *Anagallis monellii* L.**
2016. Acc: 200209401, lpen: XX-0-MJG-200209401. Det. by a taxonomist.
- 1012 *Androsace septentrionalis* L.**
2016. Acc: 200401907, lpen: XX-0-MJG-200401907. Det. by a taxonomist.
- 1013 *Ardisia humilis* Vahl**
2016. Acc: 190076700, lpen: XX-0-MJG-190076700. Det. by a taxonomist.
- 1014 *Lysimachia ephemereum* L.**
2016. Acc: 190065920, lpen: XX-0-MJG-19--65920. Det. by a taxonomist.

- 1015 *Samolus valerandi* L.**
2016. Acc: 190065900, lpen: XX-0-MJG-19--65900. Det. by a taxonomist.

Ranunculaceae

- 1016 *Actaea alba* (L.) Mill.**
2016. Acc: 190049970, lpen: XX-0-MJG-19--49970. Det. by a taxonomist.
- 1017 *Actaea spicata* L.**
2016. Acc: 190020580, lpen: XX-0-MJG-19--20580. Det. by a taxonomist.
- 1018 *Anemone sylvestris* L.**
2016. Acc: 190045640, lpen: XX-0-MJG-19--45640. Det. by a taxonomist.
- 1019 *Aquilegia canadensis* L.**
2016. Acc: 190055450, lpen: XX-0-MJG-19--55450. Det. by a taxonomist.
- 1020 *Clematis integrifolia* L.**
2016. Acc: 201011215, lpen: UA-0-MJG-201011215, UKR: Vinnytsia, near Dmytrashkivka village «Magic valley», Pischansky district, 48,196517 | 28,787634. 2010-07. U.Becker. Det. by a taxonomist.
- 1021 *Delphinium ajacis* L.**
2016. Acc: 190041540, lpen: XX-0-MJG-19--41540. Det. by a taxonomist.
- 1022 *Delphinium consolida* L.**
2016. Acc: 190041550, lpen: XX-0-MJG-19--41550. Det. by a taxonomist.
- 1023 *Helleborus argutifolius* Viv.**
2016. Acc: 190020640, lpen: XX-0-MJG-19--20640. Det. by a taxonomist.
- 1024 *Helleborus foetidus* L.**
2016. Acc: 190020340, lpen: XX-0-MJG-19--20340. Det. by a taxonomist.
- 1025 *Leptopyrum fumarioides* (L.) Rchb.**
2016. Acc: 190056520, lpen: XX-0-MJG-19--56520. Det. by a taxonomist.
- 1026 *Nigella ciliaris* DC.**
2016. Acc: 199817412, lpen: IL-0-MJG-199817412, ISR: without locality. 1977. Det. by a taxonomist.
- 1027 *Nigella damascena* L.**
2016. Acc: 190045670, lpen: XX-0-MJG-19--45670. Det. by a taxonomist.
- 1028 *Nigella nigellastrum* (L.) Willk.**
2016. Acc: 190045700, lpen: XX-0-MJG-19--45700. Det. by a taxonomist.
- 1029 *Pulsatilla vulgaris* Mill.**
2016. Acc: 200809101, lpen: DE-0-MJG-200809101, DEU: Rheinland-Pfalz, Gangelsberg bei Duchroth an der Nahe, 49,788939 | 7,739954. 2008-05-30. R. Omlor. Det. by a taxonomist.
- 1030 *Thalictrum foetidum* L.**
2016. Acc: 190069530, lpen: XX-0-MJG-19--69530. Det. by a taxonomist.
- 1031 *Thalictrum minus* L.**
2016. Acc: 200907019, lpen: HU-0-MJG-200907019, HUN: Veszprém, near Pért village, NE of Lake Balaton, 100 - 500 m, 47,157155 | 18,108044. Det. by a taxonomist.
- 1032 *Trollius europaeus* L.**
2016. Acc: 190005560, lpen: XX-0-MJG-19--05560. Det. by a taxonomist.

Resedaceae

- 1033 *Caylusea abyssinica* (Fresen.) Fisch. & Mey.**
2016. Acc: 199701515, lpen: XX-0-MJG-199701515. Det. by a taxonomist.
- 1034 *Reseda luteola* L.**
2016. Acc: 190064080, lpen: XX-0-MJG-19--64080. Det. by a taxonomist.

Rhamnaceae

- 1035 *Frangula purshiana* (DC.) J.G.Cooper**
2016. Acc: 195012400, lpen: XX-0-MJG-195012400. Det. by a taxonomist.
- 1036 *Frangula rupestris* (Scop.) Schur**
2016. Acc: 199201940, lpen: XX-0-MJG-199201940. Det. by a taxonomist.

Rosaceae

- 1037 *Agrimonia eupatoria* L.**
2016. Acc: 190049990, lpen: XX-0-MJG-19--49990. Det. by a taxonomist.
- 1038 *Agrimonia procera* Wallr.**
2016. Acc: 190062160, lpen: XX-0-MJG-19--62160. Det. by a taxonomist.
- 1039 *Alchemilla alpina* L.**
2016. Acc: 190049630, lpen: XX-0-MJG-19--49630. Det. by a taxonomist.
- 1040 *Alchemilla arvensis* (L.) Scop.**
2016. Acc: 190070470, lpen: XX-0-MJG-19--70470. Det. by a taxonomist.
- 1041 *Amelanchier interior* E.L.Nielsen**
2016. Acc: 195014470, lpen: XX-0-MJG-195014470. Det. by a taxonomist.
- 1042 *Amelanchier lamarckii* F.G.Schroed.**
2016. Acc: 195014960, lpen: XX-0-MJG-195014960. Det. by a taxonomist.
- 1043 *Amelanchier ovalis* Medik.**
2016. Acc: 200811501, lpen: DE-0-MJG-200811501, DEU: RLP, Bad Münster am Stein, NSG Gans. 2008-07-03. R. Omlor & B. Mengel. Det. by a taxonomist.
- 1044 *Amelanchier sanguinea* (Pursh) DC.**
2016. Acc: 195014450, lpen: XX-0-MJG-195014450. Det. by a taxonomist.
- 1045 *Amelanchier spicata* (Lam.) K.Koch**
2016. Acc: 195000400, lpen: XX-0-MJG-195000400. Det. by a taxonomist.
- 1046 *Amelanchier stolonifera* Wiegand**
2016. Acc: 195014460, lpen: XX-0-MJG-195014460. Det. by a taxonomist.
- 1047 *Aruncus dioicus* (Walter) Fernald**
2016. Acc: 190033450, lpen: XX-0-MJG-19--33450. Det. by a taxonomist.
- 1048 *Cercocarpus montanus* var. *blancheae* (C.K.Schneid.) F.L.Martin**
2016. Acc: 200115111, lpen: US-0-MJG-200115111, USA: California, Santa Barbara County, Santa Cruz Island, base of Portezuela Grade, near mouth of La Cascada, 400 ft. 2000-07-10. Det. by a taxonomist.
- 1049 *Chamaebatiaria millefolium* (Torr.) Maxim.**
2016. Acc: 199412660, lpen: XX-0-MJG-199412660. Det. by a taxonomist.
- 1050 *Crataegus nigra* Waldst. & Kit.**
2016. Acc: 199202410, lpen: XX-0-MJG-199202410. Det. by a taxonomist.

- 1051 *Cydonia oblonga* f. *pyriformis* (Dierb.) Rehder**
2016. Acc: 195005101, lpen: XX-0-MJG-195005101. Det. by a taxonomist.
- 1052 *Dryas octopetala* L.**
2016. Acc: 190004210, lpen: XX-0-MJG-19--04210. Det. by a taxonomist.
- 1053 *Dryocallis rupestris* (L.) Soják**
2016. Acc: 190045760, lpen: XX-0-MJG-19--45760. Det. by a taxonomist.
- 1054 *Filipendula ulmaria* (L.) Maxim.**
2016. Acc: 190049720, lpen: XX-0-MJG-19--49720. Det. by a taxonomist.
- 1055 *Filipendula vulgaris* Moench**
2016. Acc: 190062120, lpen: XX-0-MJG-19--62120. Det. by a taxonomist.
- 1056 *Geum rivale* L.**
2016. Acc: 190031160, lpen: XX-0-MJG-19--31160. Det. by a taxonomist.
- 1057 *Geum triflorum* Pursh**
2016. Acc: 190031150, lpen: XX-0-MJG-19--31150. Det. by a taxonomist.
- 1058 *Geum urbanum* L.**
2016. Acc: 190062140, lpen: XX-0-MJG-19--62140. Det. by a taxonomist.
- 1059 *Malacomeles denticulata* (Kunth) G.N.Jones**
2016. Acc: 201212604, lpen: xx-0-BONN-711. Det. by a taxonomist.
- 1060 *Malus hupehensis* (Pamp.) Rehder**
2016. Acc: 195010840, lpen: XX-0-MJG-195010840. Det. by a taxonomist.
- 1061 *Malus tschonoskii* (Maxim.) C.K.Schneid.**
2016. Acc: 199007190, lpen: XX-0-MJG-199007190. Det. by a taxonomist.
- 1062 *Physocarpus opulifolius* (L.) Maxim.**
2016. Acc: 200006706, lpen: US-0-MJG-200006706, USA: Michigan, Midland, Burrow's Borrow Pit, 195 m, 43° 41' N | 84° 23' W. 1998-10-24. Det. by a taxonomist.
- 1063 *Physocarpus opulifolius* var. *intermedius* (Rydb.) B.L.Rob.**
2016. Acc: 195014210, lpen: XX-0-MJG-195014210. Det. by a taxonomist.
- 1064 *Polylepis australis* Bitter**
2016. Acc: 199602510, lpen: XX-0-MJG-199602510. Det. by a taxonomist.
- 1065 *Potentilla erecta* (L.) Raeusch.**
2016. Acc: 190058750, lpen: XX-0-MJG-19--58750. Det. by a taxonomist.
- 1066 *Prunus fruticosa* Pall.**
2016. Acc: 200800101, lpen: DE-0-MJG-200800101, DEU: Rheinland-Pfalz, Mainz, südlich von Ebersheim, Böschung zwischen den Weinbergen, 49,907972 | 8,24966. 2008-01-24. R. Omlor & B. Mengel. Det. by a taxonomic specialist.
- 1067 *Rhodotypos scandens* (Thunb.) Makino**
2016. Acc: 195008190, lpen: XX-0-MJG-195008190. Det. by a taxonomist.
- 1068 *Rosa abietina* Gren. ex H.Christ**
2016. Acc: 200414601, lpen: CH-0-MJG-200414601, CHE: Graubünden, Nähe von Briegels, 1200 m. Det. by a horticulturist.
- 1069 *Rosa pendulina* L.**
2016. Acc: 190019120, lpen: XX-0-MJG-19--19120. Det. by a taxonomist.

- 1070 *Rosa rhaetica* Gremlil**
2016. Acc: 200204802, lpen: CH-0-MJG-200204802, CHE: Wallis. Det. by a horticulturist.
- 1071 *Rosa rubiginosa* L.**
2016. Acc: 201011228, lpen: UA-0-MJG-201011228, UKR: Vinnytsia, Rajon Pischtschanka, near Faihorod village - limestone outcrops, 48,25927 | 28,72311. 2010-07. U. Becker. Det. by a taxonomist.
- 1072 *Rubus canescens* DC.**
2016. Acc: 200912008, lpen: DE-0-MJG-200912008, DEU: Rheinland-Pfalz, Landkreis Bad-Kreuznach, Westseite des Lembergs bei Feilbingert, 49,785223 | 7,767368. 2009-06-24. R. Omlor. Det. by a taxonomist.
- 1073 *Sanguisorba minor* Scop.**
2016. Acc: 190055500, lpen: XX-0-MJG-19--55500. Det. by a taxonomist.
- 1074 *Sorbaria sorbifolia* (L.) A.Braun**
2016. Acc: 190015080, lpen: XX-0-MJG-19--15080. Det. by a taxonomist.
- 1075 *Sorbus* × *ambigua* Michalet**
2016. Acc: 190005570, lpen: XX-0-MJG-19--05570. Det. by a taxonomist.
- 1076 *Sorbus domestica* L.**
2016. Acc: 195000150, lpen: XX-0-MJG-195000150. Det. by a taxonomist.
- 1077 *Sorbus koehneana* C.K.Schneid.**
2016. Acc: 197608220, lpen: XX-0-MJG-197608220. Det. by a taxonomist.
- 1078 *Spiraea salicifolia* L.**
2016. Acc: 190010290, lpen: XX-0-MJG-19--10290. Det. by a taxonomist.

Rubiaceae

- 1079 *Asperula arvensis* L.**
2016. Acc: 190041470, lpen: XX-0-MJG-19--41470. Det. by a taxonomist.
- 1080 *Asperula rumelica* Boiss.**
2016. Acc: 201011245, lpen: UA-0-MJG-201011245, UKR: Vinnytsia, near Mohyliv-Podilskyy town, Ozarynetska mountain between Nemyia i Derlo river, 48,467352 | 27,792256. 2010-07. U. Becker. Det. by a taxonomist.
- 1081 *Asperula taurina* L.**
2016. Acc: 190040720, lpen: XX-0-MJG-19--40720. Det. by a taxonomist.
- 1082 *Asperula tinctoria* L.**
2016. Acc: 190045770, lpen: XX-0-MJG-19--45770. Det. by a taxonomist.
- 1083 *Crucianella angustifolia* L.**
2016. Acc: 190047610, lpen: XX-0-MJG-19--47610. Det. by a taxonomist.
- 1084 *Galium album* Mill.**
2016. Acc: 199704213, lpen: NO-0-MJG-199704213, NOR: Oslo, Nordmarka, Svartor, 300 m. 1994-09-18. Harald Hunderi & Reidar Haugan. Det. by a taxonomist.
- 1085 *Galium aparine* L.**
2016. Acc: 199643090, lpen: XX-0-MJG-199643090. Det. by a taxonomist.
- 1086 *Galium verrucosum* Huds.**
2016. Acc: 199702318, lpen: XX-0-MJG-199702318. Det. by a taxonomist.

- 1087 *Phuopsis stylosa* (Trin.) B.D.Jacks.**
2016. Acc: 190041280, lpen: XX-0-MJG-19--41280. Det. by a taxonomist.
- 1088 *Psychotria hirtella* Oliver**
2016. Acc: 190054840, lpen: XX-0-MJG-190054840. Det. by a taxonomist.
- 1089 *Richardia scabra* L.**
2016. Acc: 190047640, lpen: XX-0-MJG-19--47640. Det. by a taxonomist.
- 1090 *Rubia tinctorum* L.**
2016. Acc: 190040500, lpen: XX-0-MJG-19--40500. Det. by a taxonomist.
- 1091 *Sherardia arvensis* L.**
2016. Acc: 190041660, lpen: XX-0-MJG-19--41660. Det. by a taxonomist.
- 1092 *Valantia hispida* L.**
2016. Acc: 190047650, lpen: XX-0-MJG-19--47650. Det. by a taxonomist.

Rutaceae

- 1093 *Citrus trifoliata* L.**
2016. Acc: 190008360, lpen: XX-0-MJG-19--08360. Det. by a taxonomist.
- 1094 *Orixa japonica* Thunb.**
2016. Acc: 199735800, lpen: XX-0-STR-1968005. Det. by a horticulturist.
- 1095 *Ptelea trifoliata* L.**
2016. Acc: 200301611, lpen: XX-0-MJG-200301611. Det. by a taxonomist.
- 1096 *Ruta graveolens* L.**
2016. Acc: 190001610, lpen: XX-0-MJG-19--01610. Det. by a taxonomist.
- 1097 *Triphasia trifolia* (Burm.f.) P.Wilson**
2016. Acc: 190026640, lpen: XX-0-MJG-190026640. Det. by a taxonomist.
- 1098 *Zanthoxylum americanum* Mill.**
2016. Acc: 199404750, lpen: XX-0-MJG-199404750. Det. by a horticulturist.
- 1099 *Zanthoxylum armatum* DC.**
2016. Acc: 190077567, lpen: XX-0-MJG-190077567. Det. by a horticulturist.
- 1100 *Zanthoxylum bungeanum* Maxim.**
2016. Acc: 198908340, lpen: XX-0-MJG-198908340. Det. by a horticulturist.

Salicaceae

- 1101 *Poliothyrsis sinensis* Oliv.**
2016. Acc: 198708990, lpen: XX-0-MJG-198708990. Det. by a taxonomist.

Sapindaceae

- 1102 *Acer cappadocicum* Gled. 'Rubrum'**
2016. Acc: 195003341, lpen: XX-0-MJG-195003341. Det. by a taxonomist.
- 1103 *Acer griseum* (Franch.) Pax**
2016. Acc: 195007950, lpen: XX-0-MJG-195007950. Det. by a taxonomist.
- 1104 *Acer palmatum* Thunb. ex Murray**
2016. Acc: 195006560, lpen: XX-0-MJG-195006560. Det. by a taxonomist.
- 1105 *Acer pensylvanicum* L.**
2016. Acc: 195013340, lpen: XX-0-MJG-195013340. Det. by a taxonomist.

- 1106 *Acer platanoides* L.**
2016. Acc: 195003330, lpen: XX-0-MJG-195003330. Det. by a taxonomist.
- 1107 *Acer pseudoplatanus* L.**
2016. Acc: 195000230, lpen: XX-0-MJG-195000230. Det. by a taxonomist.
- 1108 *Acer saccharum* Marshall**
2016. Acc: 198014290, lpen: XX-0-MJG-198014290. Det. by a taxonomist.
- 1109 *Aesculus flava* Sol.**
2016. Acc: 195012920, lpen: XX-0-MJG-195012920. Det. by a taxonomist.
- 1110 *Aesculus glabra* Willd.**
2016. Acc: 195013580, lpen: XX-0-MJG-195013580. Det. by a taxonomist.
- 1111 *Aesculus parviflora* Walter**
2016. Acc: 195014310, lpen: XX-0-MJG-195014310. Det. by a taxonomist.
- 1112 *Cardiospermum halicacabum* L.**
2016. Acc: 190038022, lpen: XX-0-MJG-19--38022. Det. by a taxonomist.

Saxifragaceae

- 1113 *Mitella ovalis* Greene**
2016. Acc: 190062830, lpen: XX-0-MJG-19--62830. Det. by a taxonomist.
- 1114 *Mukdenia rossii* (Oliver) Koidzumi**
2016. Acc: 190063890, lpen: XX-0-MJG-190063890. Det. by a taxonomist.
- 1115 *Rodgersia pinnata* Franch.**
2016. Acc: 190050250, lpen: XX-0-MJG-19--50250. Det. by a taxonomist.
- 1116 *Saxifraga granulata* L.**
2016. Acc: 200408302, lpen: XX-0-MJG-200408302. Det. by a taxonomist.
- 1117 *Saxifraga rosacea* subsp. *sponhemica* (C.C.Gmel.) D.A.Webb**
2016. Acc: 198055520, lpen: DE-0-MJG-198055520, DEU: Rheinland-Pfalz, Stromberg, südl. Bockenau nahe Sobernheim. 1980-06-15. U. Hecker. Det. by a taxonomist.
- 1118 *Saxifraga rotundifolia* L.**
2016. Acc: 190032970, lpen: XX-0-MJG-19--32970. Det. by a taxonomist.
- 1119 *Tellima grandiflora* (Pursh) Douglas ex Lindl.**
2016. Acc: 190037720, lpen: XX-0-MJG-19--37720. Det. by a taxonomist.

Scrophulariaceae

- 1120 *Alonsoa meridionalis* (L.f.) Kuntze**
2016. Acc: 190047660, lpen: XX-0-MJG-19--47660. Det. by a taxonomist.
- 1121 *Diascia barberae* Hook.f.**
2016. Acc: 190047680, lpen: XX-0-MJG-19--47680. Det. by a taxonomist.
- 1122 *Hebenstretia angolensis* Rolfe**
2016. Acc: 190035280, lpen: XX-0-MJG-19--35280. Det. by a taxonomist.
- 1123 *Nemesia floribunda* Lehm.**
2016. Acc: 190069440, lpen: XX-0-MJG-19--69440. Det. by a taxonomist.
- 1124 *Phygelius capensis* E.Mey. ex Benth.**
2016. Acc: 197915900, lpen: XX-0-MJG-197915900. Det. by a taxonomist.

- 1125 *Scrophularia auriculata* L.**
2016. Acc: 199707704, Ipen: FR-0-MJG-199707704, FRA: Aquitaine, Département Gironde, Ambarès, berges argilo-limoneuses de la Gironde. 1996. Phillippe Richard. Det. by a taxonomist.
- 1126 *Scrophularia chrysantha* Jaub. & Spach**
2016. Acc: 190039730, Ipen: XX-0-MJG-19--39730. Det. by a taxonomist.
- 1127 *Scrophularia grandiflora* DC.**
2016. Acc: 190023060, Ipen: XX-0-MJG-19--23060. Det. by a taxonomist.
- 1128 *Scrophularia peregrina* L.**
2016. Acc: 190039760, Ipen: XX-0-MJG-19--39760. Det. by a taxonomist.
- 1129 *Sutera foetida* Roth**
2016. Acc: 199715806, Ipen: XX-0-MJG-199715806. Det. by a taxonomist.
- 1130 *Teedia lucida* Rud.**
2016. Acc: 190056580, Ipen: XX-0-MJG-19--56580. Det. by a taxonomist.
- 1131 *Verbascum blattaria* L.**
2016. Acc: 200710202, Ipen: HU-0-MJG-200710202, HUN: Bács-Kiskun, Kecskemét, Kiskunsag, sand dunes and alkaline sand-steppes near Tatarszentgyörgy and Orgovány. 2006. Géza Kósa. Det. by a taxonomist.
- 1132 *Verbascum lychnitis* L.**
2016. Acc: 200607003, Ipen: DE-0-MJG-200607003, DEU: Rheinland-Pfalz, Oberwesel, Oelsberg, Weinbergsbrachen, 50,121431 | 7,723603. 2006-07-27. R. Omlor, W. Licht, T. Merz. Det. by a taxonomist.
- 1133 *Verbascum nigrum* L.**
2016. Acc: 200601704, Ipen: AT-0-KL-2006/177, AUT: Klagenfurt-Viktring, 46°34'44,3" N | 14°16' 40,8" E. 2005. Det. by a taxonomist.
- 1134 *Verbascum phlomoides* L.**
2016. Acc: 190039140, Ipen: XX-0-MJG-19--39140. Det. by a taxonomist.
- 1135 *Verbascum phoeniceum* L.**
2016. Acc: 200812537, Ipen: 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. Det. by a taxonomist.
- 1136 *Verbascum sinuatum* L.**
2016. Acc: 200808411, Ipen: FR-0-MJG-200808411, FRA: Languedoc-Roussillon, Département Hérault, Saint-Jean-de-Védas, Garrigue. Det. by a taxonomist.
- 1137 *Zaluzianskya capensis* (Benth.) Walp.**
2016. Acc: 199627760, Ipen: XX-0-MJG-199627760. Det. by a taxonomist.

Solanaceae

- 1138 *Atropa acuminata* Royle Ex.Miers**
2016. Acc: 200415955, Ipen: NP-0-MJG-200415955, NPL: Prov.Bagmati, Patan, 1330m. Det. by a taxonomist.
- 1139 *Atropa bella-donna* L.**
2016. Acc: 190020360, Ipen: XX-0-MJG-19--20360. Det. by a taxonomist.
- 1140 *Capsicum frutescens* L.**
2016. Acc: 190039050, Ipen: XX-0-MJG-19--39050. Det. by a taxonomist.

- 1141 *Datura stramonium* L.**
2016. Acc: 190039970, Ipen: XX-0-MJG-19--39970. Det. by a taxonomist.
- 1142 *Hyoscyamus niger* L.**
2016. Acc: 190047750, Ipen: XX-0-MJG-19--47750. Det. by a taxonomist.
- 1143 *Nicandra physalodes* (L.) P.Gaertn.**
2016. Acc: 190038890, Ipen: XX-0-MJG-19--38890. Det. by a taxonomist.
- 1144 *Nicotiana* × *sanderae* W.Watson**
2016. Acc: 190063290, Ipen: XX-0-MJG-19--63290. Det. by a taxonomist.
- 1145 *Nicotiana acuminata* (Graham) Hook.**
2016. Acc: 190047030, Ipen: XX-0-MJG-19--47030. Det. by a taxonomist.
- 1146 *Nicotiana glauca* Graham**
2016. Acc: 190038010, Ipen: XX-0-MJG-19--38010. Det. by a taxonomist.
- 1147 *Nicotiana knightiana* Goodspeed**
2016. Acc: 190039850, Ipen: XX-0-MJG-19--39850. Det. by a taxonomist.
- 1148 *Nicotiana langsdorffii* Weinm.**
2016. Acc: 200704204, Ipen: XX-0-STGAL-430/1998. Det. by a taxonomist.
- 1149 *Nicotiana longiflora* Cav.**
2016. Acc: 190039870, Ipen: XX-0-MJG-19--39870. Det. by a taxonomist.
- 1150 *Nicotiana megalosiphon* Heurck & Müll.Arg.**
2016. Acc: 190047040, Ipen: XX-0-MJG-19--47040. Det. by a taxonomist.
- 1151 *Nicotiana mutabilis* Stehmann & Semir**
2016. Acc: 200714108, Ipen: XX-0-MJG-200714108. Det. by a horticulturist.
- 1152 *Nicotiana rustica* L.**
2016. Acc: 190039890, Ipen: XX-0-MJG-19--39890. Det. by a taxonomist.
- 1153 *Nicotiana sylvestris* Speg. & Comes**
2016. Acc: 190039900, Ipen: XX-0-MJG-19--39900. Det. by a taxonomist.
- 1154 *Physalis alkekengi* var. *franchetii* (Mast.) Makino**
2016. Acc: 190039010, Ipen: XX-0-MJG-19--39010. Det. by a taxonomist.
- 1155 *Physalis ixocarpa* Brot. ex Hornem.**
2016. Acc: 201205505, Ipen: XX-0-MJG-201205505. Det. by a taxonomist.
- 1156 *Saracha edulis* Thell.**
2016. Acc: 190039030, Ipen: XX-0-MJG-19--39030. Det. by a taxonomist.
- 1157 *Solanum atropurpureum* Schrank**
2016. Acc: 199701617, Ipen: XX-0-MJG-199701617. Det. by a taxonomist.
- 1158 *Solanum citrullifolium* A.Braun**
2016. Acc: 190027770, Ipen: XX-0-MJG-19--27770. Det. by a taxonomist.
- 1159 *Solanum erianthum* D.Don**
2016. Acc: 190039090, Ipen: XX-0-MJG-19--39090. Det. by a taxonomist.
- 1160 *Solanum laciniatum* Aiton**
2016. Acc: 190039080, Ipen: XX-0-MJG-19--39080. Det. by a taxonomist.
- 1161 *Solanum pyracanthum* Jacq.**
2016. Acc: 190039110, Ipen: XX-0-MJG-19--39110. Det. by a taxonomist.
- 1162 *Solanum uporo* Dun.**
2016. Acc: 200414101, Ipen: XX-0-MJG-200414101. Det. by a taxonomist.

1163 *Withania somnifera* (L.) Dunal
2016. Acc: 199715513, lpen: XX-0-MJG-199715513. Det. by a taxonomist.

Staphyleaceae

1164 *Staphylea colchica* Steven
2016. Acc: 195005170, lpen: XX-0-MJG-195005170. Det. by a taxonomist.

1165 *Staphylea trifolia* L.
2016. Acc: 195014330, lpen: XX-0-MJG-195014330. Det. by a taxonomist.

Styracaceae

1166 *Pterostyrax hispida* Siebold & Zucc.
2016. Acc: 195006750, lpen: XX-0-MJG-195006750. Det. by a taxonomist.

1167 *Sinojackia rehderiana* Hu
2016. Acc: 199403850, lpen: XX-0-MJG-199403850. Det. by a taxonomist.

Talinaceae

1168 *Talinum paniculatum* (Jacq.) Gaertn.
2016. Acc: 190052210, lpen: XX-0-MJG-19--52210. Det. by a taxonomist.

Theaceae

1169 *Camellia japonica* L.
2016. Acc: 190031490, lpen: XX-0-MJG-19--31490. Det. by a taxonomist.

Thymelaeaceae

1170 *Daphne laureola* L.
2016. Acc: 198319320, lpen: XX-0-MJG-198319320. Det. by a taxonomist.

Tropaeolaceae

1171 *Tropaeolum majus* L.
2016. Acc: 190045790, lpen: XX-0-MJG-19--45790. Det. by a taxonomist.

1172 *Tropaeolum minus* L.
2016. Acc: 200602602, lpen: XX-0-MJG-200602602. Det. by a taxonomist.

Typhaceae

1173 *Sparganium erectum* L.
2016. Acc: 190020900, lpen: XX-0-MJG-19--20900. Det. by a taxonomist.

Urticaceae

1174 *Forsskaolea angustifolia* Retz.
2016. Acc: 190045830, lpen: XX-0-MJG-19--45830. Det. by a taxonomist.

1175 *Parietaria officinalis* L.
2016. Acc: 190069010, lpen: XX-0-MJG-19--69010. Det. by a taxonomist.

Verbenaceae

1176 *Lantana camara* L.
2016. Acc: 190038800, lpen: XX-0-MJG-19--38800. Det. by a taxonomist.

1177 *Verbena bonariensis* L.
2016. Acc: 190038810, lpen: XX-0-MJG-19--38810. Det. by a taxonomist.

1178 *Verbena canadensis* (L.) Britton
2016. Acc: 190038820, lpen: XX-0-MJG-19--38820. Det. by a taxonomist.

1179 *Verbena hastata* L.
2016. Acc: 190038830, lpen: XX-0-MJG-19--38830. Det. by a taxonomist.

1180 *Verbena officinalis* L.
2016. Acc: 200801005, lpen: XX-0-MJG-200801005. Det. by a horticulturist.

1181 *Verbena rigida* Spreng.
2016. Acc: 190038850, lpen: XX-0-MJG-19--38850. Det. by a taxonomist.

1182 *Verbena urticifolia* L.
2016. Acc: 190038860, lpen: XX-0-MJG-19--38860. Det. by a taxonomist.

Violaceae

1183 *Viola arvensis* Murray
2016. Acc: 190055960, lpen: XX-0-MJG-19--55960. Det. by a taxonomist.

1184 *Viola elatior* Fr.
2016. Acc: 199702923, lpen: XX-0-MJG-199702923. Det. by a taxonomist.

1185 *Viola tricolor* L. subsp. *tricolor*
2016. Acc: 199803906, lpen: FI-0-MJG-199803906, FIN: Uusimaa, Helsinki, Suomenlinna esa fortress, SW part of Länsi-Mustasaari. 1997-09-25. Det. by a taxonomist.

Vitaceae

1186 *Ampelopsis aconitifolia* Bunge
2016. Acc: 195017520, lpen: XX-0-MJG-195017520. Det. by a taxonomist.

1187 *Ampelopsis glandulosa* var. *heterophylla* (Thunb.) Momiy.
2016. Acc: 190017511, lpen: XX-0-MJG-19--17511. Det. by a taxonomist.

1188 *Ampelopsis megalophylla* (Veitch) Diels & Gilg
2016. Acc: 195017530, lpen: XX-0-MJG-195017530. Det. by a taxonomist.

1189 *Cyphostemma juttai* (Dinter & Gilg.) Desc.
2016. Acc: 190055560, lpen: XX-0-MJG-19--55560. Det. by a taxonomist.

1190 *Parthenocissus inserta* (A.Kern.) Fritsch
2016. Acc: 195017480, lpen: XX-0-MJG-195017480.

Zingiberaceae

1191 *Hedychium horsfieldii* R.Br. ex Wall.
2016. Acc: 190036400, lpen: XX-0-MJG-19--36400. Det. by a taxonomist.

1192 *Hedychium spicatum* Sm.
2016. Acc: 190020170, lpen: XX-0-MJG-19--20170. Det. by a taxonomist.

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Johannes Gutenberg-Universität Mainz
D-55099 Mainz
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Tel.: ++49 – (0)6131 – 39 22251
FAX : ++49 – (0)6131 – 39 23524

E-mail: indexseminum@uni-mainz.de

Homepage: www.botgarten.uni-mainz.de

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Kustos	Dr. Ralf Omlor
Technischer Leiter	Berthold Meyer
Obergartenmeister Freiland	Bernd Mengel
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Vereinbarung zur Weitergabe von lebendem Pflanzenmaterial² für nicht-kommerzielle Zwecke ausserhalb des *International Plant Exchange Network (IPEN)*

Vor dem Hintergrund der Biodiversitäts-Konvention (CBD, Rio 1992) und insbesondere der darin enthaltenen Bestimmungen zum Zugang zu genetischen Ressourcen ist der Garten bestrebt, die Erhaltung, Nachhaltigkeit der Nutzung und Erforschung der Biologischen Vielfalt zu fördern. Der Garten erwartet deshalb von seinen Partnern bei der Aufnahme, Bewahrung und Weitergabe von Pflanzenmaterial, dass sie stets unter Einhaltung der CBD und der Konvention über den internationalen Handel mit bedrohten Arten (CITES) sowie weiterer Gesetze bezogen auf Schutz und nachhaltige Nutzung der Biologischen Vielfalt, Zugang zu genetischen Ressourcen, zugehöriges Wissen und gerechten Vorteilsausgleich handeln.

Mit der Übernahme des Pflanzenmaterials geht die Verantwortung für CBD-konformen Umgang mit dem Material auf den Empfänger über. Das angeforderte Pflanzenmaterial wird nur zu folgenden Bedingungen ausgehändigt:

1. Das ausgehändigte Pflanzenmaterial steht auf Grundlage dieser Vereinbarung nur für nicht-kommerzielle Nutzungen wie wissenschaftliche Untersuchungen und Bildungszwecke sowie Belange des Naturschutzes zur Verfügung. Beabsichtigt der Empfänger zu einem späteren Zeitpunkt eine kommerzielle Nutzung bzw. eine Weitergabe zur kommerziellen Nutzung, so muss er vor der Nutzung bzw. Abgabe des Materials dafür die vorherige schriftliche Zustimmung des Ursprungslandes (PIC) einholen und für entsprechenden gerechten Vorteilsausgleich Sorge tragen.
2. Mit der Übernahme des Pflanzenmaterials verpflichtet sich der Empfänger, das aufgenommene Pflanzenmaterial, die Herkunft (Ursprungsland, Erstbezugsgarten und „Geber“ des Pflanzenmaterials, Sammeljahr) sowie die Bedingungen, zu denen es aufgenommen und weitergegeben wurde, in nachvollziehbarer Weise zu dokumentieren.
3. Für den Fall, dass auf Grundlage des bereitgestellten Pflanzenmaterials wissenschaftliche Publikationen erarbeitet werden, ist der Empfänger verpflichtet, auf die Herkunft des Pflanzenmaterials hinzuweisen und dem Garten sowie dem Herkunftsland diese Schriften unaufgefordert zuzusenden.
4. Der Garten wird relevante Informationen über die Weitergabe des Pflanzenmaterials der mit der Umsetzung der CBD beauftragten Stelle³ auf Anfrage mitteilen.
5. Der Empfänger darf das erhaltene Pflanzenmaterial nur unter diesen Bedingungen an Dritte weitergeben und muss dies (Pflanzenliste, Empfänger) nachvollziehbar dokumentieren.

Die o.g. Bedingungen akzeptiere ich.

Datum, Unterschrift

Name und Anschrift des Empfängers, Stempel

² Botanische Gärten tauschen lebendes Pflanzenmaterial (lebende Pflanzen oder Pflanzenteile, Sporen, Diasporen) aus. Da die Verhaltensregeln von Botanischen Gärten für Botanische Gärten erstellt wurden, soll in diesem Dokument nur von lebendem Pflanzenmaterial die Rede sein. Lebendes Pflanzenmaterial aus Botanischen Gärten ist trotzdem als genetische Ressource wie in der CBD definiert nutzbar und wird daher in diesem Dokument auch gemäß CBD wie genetische Ressourcen behandelt.

³ im Idealfall der National Focal Point im Heimatland des Gartens.

DESIDERATA 2017

Bitte senden Sie uns Ihre Bestellung bis Ende März 2017.

Please send us your order until the End of March 2017.

(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 material⁴ 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 endeavours 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 CBD⁵.
5. The recipient may transfer the received plant material to third parties only under these terms and conditions and must document the transfer in a suitable manner.

I accept the above conditions.

Date, Signature

Recipient's name and address, stamp

⁴ 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.

⁵ ideally, the national focal point in the garden's home country