

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

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

**Hortus Botanicus
Universitatis Moguntinae**

(MJG)

**Index Seminum
2018**

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 bedrohter Pflanzen und bemüht sich, einen Beitrag zum Erhalt der biologischen Vielfalt zu leisten.

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

Der Botanische Garten der Johannes Gutenberg-Universität ist Mitglied des internationalen Pflanzentausch Netzwerkes **IPEN** (International Plant Exchange Network; 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.

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All seeds collected in the Botanic Garden

Acanthaceae

- 1 ***Acanthus hungaricus* (Borbás) Baen.**
Acc: 190039700, lpen: XX-0-MJG-190039700. Det. by a taxonomist.
- 2 ***Acanthus spinosus* L.**
Acc: 190039650, lpen: XX-0-MJG-190039650. Det. by a taxonomist.
- 3 ***Crossandra nilotica* Oliv.**
Acc: 190026650, lpen: XX-0-MJG-19--26650. Det. by a taxonomist.
- 4 ***Ruellia strepens* L.**
Acc: 190069430, lpen: XX-0-MJG-19--69430. Det. by a taxonomist.
- 5 ***Thunbergia alata* Bojer ex Sims**
Acc: 190045840, lpen: XX-0-MJG-19--45840. Det. by a taxonomist.

Actinidiaceae

- 6 ***Actinidia arguta* (Siebold & Zucc.) Planch. ex Miq.**
Acc: 195017230, lpen: XX-0-MJG-195017230. Det. by a taxonomist.

Aizoaceae

- 7 ***Aethephyllum pinnatifidum* (L.f.) N.E.Br.**
Acc: 190037320, lpen: XX-0-MJG-19--37320. Det. by a taxonomist.
- 8 ***Aptenia cordifolia* (L.f.) N.E.Br.**
Acc: 190064520, lpen: XX-0-MJG-19--64520. Det. by a taxonomist.
- 9 ***Carpanthea pomeridiana* (L.) N.E.Br.**
Acc: 190037330, lpen: XX-0-MJG-19--37330. Det. by a taxonomist.
- 10 ***Delosperma cooperi* (Hook.f.) L.Bolus**
Acc: 190037340, lpen: XX-0-MJG-19--37340. Det. by a taxonomist.
- 11 ***Dorotheanthus gramineus* (Haw.) Schwantes**
Acc: 199704115, lpen: XX-0-MJG-199704115. Det. by a taxonomist.
- 12 ***Mesembryanthemum crystallinum* L.**
Acc: 190037350, lpen: XX-0-MJG-19--37350. Det. by a taxonomist.

Alismataceae

- 13 ***Alisma lanceolatum* With.**
Acc: 190023150, lpen: XX-0-MJG-19--23150. Det. by a taxonomist.
- 14 ***Alisma plantago-aquatica* L.**
Acc: 190020940, lpen: XX-0-MJG-19--20940. Det. by a taxonomist.
- 15 ***Caldesia parnassifolia* (Bassi ex L.) Parl.**
Acc: 201408301, lpen: DE-0-M-2005/2645, DEU: Bayern, Oberpfalz, Schwandorf (ex Geobot. Inst. ETH Zürich). Det. by a taxonomist.

Amaranthaceae

- 16 ***Achyranthes aspera* L.**
Acc: 190069210, lpen: XX-0-MJG-19--69210. Det. by a taxonomist.
- 17 ***Amaranthus albus* L.**
Acc: 190069180, lpen: XX-0-MJG-19--69180. Det. by a taxonomist.
- 18 ***Amaranthus hypochondriacus* L.**
Acc: 190069200, lpen: XX-0-MJG-19--69200. Det. by a taxonomist.
- 19 ***Atriplex hortensis* L.**
Acc: 190063200, lpen: XX-0-MJG-19--63200. Det. by a taxonomist.
- 20 ***Atriplex rosea* L.**
Acc: 190069240, lpen: XX-0-MJG-19--69240. Det. by a taxonomist.
- 21 ***Bassia hyssopifolia* (Pall.) Kuntze**
Acc: 190066780, lpen: XX-0-MJG-19--66780. Det. by a taxonomist.
- 22 ***Blitum bonus-henricus* (L.) C.A.Mey.**
Acc: 190063190, lpen: XX-0-MJG-19--63190. Det. by a taxonomist.
- 23 ***Blitum virgatum* L.**
Acc: 190044060, lpen: XX-0-MJG-19--44060. Det. by a taxonomist.
- 24 ***Celosia argentea* L.**
Acc: 190037440, lpen: XX-0-MJG-19--37440. Det. by a taxonomist.
- 25 ***Chenopodium vulvaria* L.**
Acc: 190069230, lpen: XX-0-MJG-19--69230. Det. by a taxonomist.
- 26 ***Corispermum pallasii* Steven**
Acc: 200666250, lpen: DE-0-MJG-200666250, DEU: Rheinland-Pfalz, Mainz, Botanischer Garten der Johannes Gutenberg-Universität, 49,990925 | 8,240905. Det. by a taxonomist.
- 27 ***Froelichia floridana* (Nutt.) Moq.**
Acc: 200901401, lpen: XX-0-MJG-200901401. Det. by a taxonomist.
- 28 ***Gomphrena globosa* L.**
Acc: 190037470, lpen: XX-0-MJG-19--37470. Det. by a taxonomist.
- 29 ***Gomphrena haageana* Klotzsch**
Acc: 190037480, lpen: XX-0-MJG-19--37480. Det. by a taxonomist.
- 30 ***Salsola kali* L. subsp. *iberica* (Sennen & Pau) Rilke**
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

- 31 ***Agapanthus africanus* (L.) Hoffmanns.**
Acc: 190053170, lpen: XX-0-MJG-19--53170. Det. by a taxonomist.

- 32 ***Allium angulosum* L.**
Acc: 190037360, lpen: XX-0-MJG-19--37360. Det. by a taxonomist.
- 33 ***Allium schoenoprasum* L.**
Acc: 190037410, lpen: XX-0-MJG-19--37410. Det. by a taxonomist.
- 34 ***Nothoscordum gracile* (Ait.) Stearn**
Acc: 190037430, lpen: XX-0-MJG-19--37430. Det. by a taxonomist.

Anacardiaceae

- 35 ***Cotinus coggygria* Scop.**
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. Det. by a taxonomist.

Annonaceae

- 36 ***Asimina triloba* (L.) Dunal**
Acc: 199414760, lpen: XX-0-MJG-199414760. Det. by a taxonomist.

Apiaceae

- 37 ***Aethusa cynapium* L.**
Acc: 190024190, lpen: XX-0-MJG-19--24190. Det. by a taxonomist.
- 38 ***Ammi majus* L.**
Acc: 190066000, lpen: XX-0-MJG-19--66000. Det. by a taxonomist.
- 39 ***Angelica archangelica* L.**
Acc: 190058570, lpen: XX-0-MJG-19--58570. Det. by a taxonomist.
- 40 ***Astrantia major* L.**
Acc: 190032730, lpen: XX-0-MJG-19--32730. Det. by a taxonomist.
- 41 ***Bupleurum fruticosum* L.**
Acc: 200402414, lpen: XX-0-MJG-200402414. Det. by a taxonomist.
- 42 ***Eryngium amethystinum* L.**
Acc: 190024050, lpen: XX-0-MJG-19--24050. Det. by a taxonomist.
- 43 ***Eryngium campestre* L.**
Acc: 201111304, lpen: DE-0-MJG-201111304, DEU: Rheinland-Pfalz, Mainz, NSG Mainzer Sand, 50,011917 | 8,212023. 2011-09-01. R. Omlor. Det. by a taxonomist.
- 44 ***Eryngium maritimum* L.**
Acc: 200809602, lpen: TR-0-MJG-200809602, TUR: Mittelmeerküste zwischen Manavgat und Alanya, bei Avsallar. Det. by a taxonomist.
- 45 ***Foeniculum vulgare* Mill.**
Acc: 190024180, lpen: XX-0-MJG-19--24180. Det. by a taxonomist.
- 46 ***Heptaptera triquetra* (Vent.) Tutin**
Acc: 200811623, lpen: GR-0-B-2320101, GRC: Peleponnes, Nomos Achaïas, N Pteri, 600m, Strid 51405. Det. by a taxonomist.
- 47 ***Lagoecia cuminoides* L.**
Acc: 200201301, lpen: XX-0-MJG-200201301. Det. by a taxonomist.
- 48 ***Laserpitium siler* L.**
Acc: 190036150, lpen: XX-0-MJG-19--36150. Det. by a taxonomist.
- 49 ***Levisticum officinale* W.D.J.Koch**
Acc: 190055380, lpen: XX-0-MJG-19--55380. Det. by a taxonomist.

- 50 ***Ligusticum mutellina* (L.) Crantz**
Acc: 200202809, Ipen: XX-0-MJG-200202809. Det. by a taxonomist.
- 51 ***Oenanthe silaifolia* M.Bieb.**
Acc: 200901340, Ipen: XX-0-MJG-200901340. Det. by a taxonomist.
- 52 ***Peucedanum alsaticum* L.**
Acc: 197855400, Ipen: DE-0-MJG-197855400, DEU: Rheinland-Pfalz, Bleichkopf, NO
Jugenheim, WSW Stackeden, MTB 6014, 230 m. 1978-06-06. Det. by a taxonomist.
- 53 ***Peucedanum cervaria* (L.) Lapeyr.**
Acc: 200711602, Ipen: 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.
- 54 ***Peucedanum officinale* L.**
Acc: 200914808, Ipen: DE-0-MJG-200914808, DEU: Rheinland-Pfalz, Landkreis Bad-
Kreuznach, Westseite des Lembergs bei Feilbingert, 49,785223 | 7,767368. 2009-10-
01. R. Omlor, L. Bierbrauer & R. Schmitt. Det. by a taxonomist.
- 55 ***Peucedanum oreoselinum* (L.) Moench**
Acc: 198224210, Ipen: DE-0-MJG-198224210, DEU: Rheinland-Pfalz, Mainz, NSG
Mainzer Sand, 50,011917 | 8,212023. 1982. U. Hecker. Det. by a taxonomist.
- 56 ***Physospermum cornubiense* DC.**
Acc: 201005201, Ipen: XX-0-MJG-201005201. Det. by a taxonomist.
- 57 ***Pimpinella major* (L.) Huds.**
Acc: 190055410, Ipen: XX-0-MJG-19--55410. Det. by a taxonomist.
- 58 ***Scandix pecten-veneris* L.**
Acc: 190041650, Ipen: XX-0-MJG-19--41650. Det. by a taxonomist.
- 59 ***Selinum wallichianum* (DC.) Raizada & H.O.Saxena**
Acc: 200904101, Ipen: XX-0-MJG-200904101. Det. by a taxonomist.
- 60 ***Seseli gummiferum* Pall. ex Sm.**
Acc: 190024150, Ipen: XX-0-MJG-19--24150. Det. by a taxonomist.
- 61 ***Seseli libanotis* (L.) W.D.J.Koch**
Acc: 200713004, Ipen: DE-0-MJG-200713004, DEU: Rheinland-Pfalz, Cochem an der
Mosel, sonnige Felsen am Pinnerkreuz. 2007-10-06. R. Omlor. Det. by a taxonomist.
- 62 ***Seseli osseum* Crantz**
Acc: 200907018, Ipen: HU-0-MJG-200907018, HUN: Veszprém, near Pét village, NE
of Lake Balaton, 100 - 500 m, 47,157155 | 18,108044. Det. by a taxonomist.
- 63 ***Silaum besserii* (DC.) Grossh.**
Acc: 200402604, Ipen: XX-0-MJG-200402604. Det. by a taxonomist.
- 64 ***Sium sisarum* L.**
Acc: 200004305, Ipen: XX-0-MJG-200004305. Det. by a taxonomist.
- 65 ***Smyrniium perfoliatum* L.**
Acc: 190022910, Ipen: XX-0-MJG-19--22910. Det. by a taxonomist.

Apocynaceae

- 66 ***Amsonia tabernaemontana* Walter**
Acc: 190069380, Ipen: XX-0-MJG-19--69380. Det. by a taxonomist.
- 67 ***Araujia sericifera* Brot.**
Acc: 200108703, Ipen: XX-0-MJG-200108703. Det. by a taxonomist.
- 68 ***Asclepias curassavica* L.**
Acc: 190025470, Ipen: XX-0-MJG-19--25470. Det. by a taxonomist.

- 69 ***Asclepias incarnata* L.**
Acc: 200800201, lpen: XX-0-MJG-200800201. Det. by a taxonomist.
- 70 ***Gomphocarpus fruticosus* (L.) W.T.Aiton**
Acc: 200201802, lpen: XX-0-MJG-200201802. Det. by a taxonomist.
- 71 ***Mandevilla laxa* (Ruiz & Pavon) Woods**
Acc: 190060400, lpen: XX-0-MJG-19--60400. Det. by a taxonomist.
- 72 ***Oxypetalum coeruleum* (D.Don ex Sweet) Decne.**
Acc: 190063010, lpen: XX-0-MJG-19--63010. Det. by a taxonomist.
- 73 ***Rauvolfia tetraphylla* L.**
Acc: 200016617, lpen: XX-0-MJG-200016617. Det. by a taxonomist.
- 74 ***Vincetoxicum nigrum* (L.) Moench**
Acc: 190037530, lpen: XX-0-MJG-19--37530. Det. by a taxonomist.

Araceae

- 75 ***Anthurium schlechtendalii* Kunth**
Acc: 190057690, lpen: XX-0-MJG-190057690. Det. by a taxonomist.
- 76 ***Peltandra virginica* (L.) Schott**
Acc: 190023310, lpen: XX-0-MJG-19--23310. Det. by a taxonomist.
- 77 ***Pinellia tripartita* (Blume) Schott**
Acc: 190042950, lpen: XX-0-MJG-190042950. Det. by a taxonomist.

Araliaceae

- 78 ***Hydrocotyle dissecta* Hook.f.**
Acc: 190060520, lpen: XX-0-MJG-19--60520. Det. by a taxonomist.

Aristolochiaceae

- 79 ***Aristolochia fimbriata* Cham.**
Acc: 190041170, lpen: XX-0-MJG-19--41170. Det. by a taxonomist.

Asparagaceae

- 80 ***Anthericum liliago* L.**
Acc: 190067250, lpen: XX-0-MJG-19--67250. Det. by a taxonomist.
- 81 ***Anthericum ramosum* L.**
Acc: 200711403, lpen: 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.
- 82 ***Asparagus verticillatus* L.**
Acc: 190040380, lpen: XX-0-MJG-19--40380. Det. by a taxonomist.
- 83 ***Barnardia japonica* (Thunb.) Schult. & Schult.f.**
Acc: 190068850, lpen: XX-0-MJG-19--68850. Det. by a taxonomist.
- 84 ***Bellevalia romana* (L.) Sweet**
Acc: 190062500, lpen: XX-0-MJG-19--62500. Det. by a taxonomist.
- 85 ***Brimeura amethystina* (L.) Chouard**
Acc: 190044670, lpen: XX-0-MJG-19--44670. Det. by a taxonomist.
- 86 ***Camassia leichtlinii* (Baker) S.Watson**
Acc: 190050380, lpen: XX-0-MJG-19--50380. Det. by a taxonomist.

- 87 ***Camassia quamash* (Pursh) Greene**
Acc: 190036230, lpen: XX-0-MJG-19--36230. Det. by a taxonomist.
- 88 ***Convallaria majalis* L.**
Acc: 190040330, lpen: XX-0-MJG-19--40330. Det. by a taxonomist.
- 89 ***Danae racemosa* (L.) Moench**
Acc: 190015340, lpen: XX-0-MJG-19--15340. Det. by a taxonomist.
- 90 ***Dipcadi serotinum* (L.) Medik.**
Acc: 190044680, lpen: XX-0-MJG-19--44680. Det. by a taxonomist.
- 91 ***Drimia maritima* (L.) Stearn**
Acc: 190032720, lpen: XX-0-MJG-19--32720. Det. by a taxonomist.
- 92 ***Eucomis comosa* (Houtt.) Wehrh.**
Acc: 199668840, lpen: XX-0-MJG-199668840. Det. by a taxonomist.
- 93 ***Hosta sieboldiana* (Hook.) Engl.**
Acc: 190027500, lpen: XX-0-MJG-19--27500. Det. by a taxonomist.
- 94 ***Leopoldia comosa* (L.) Parl.**
Acc: 190022460, lpen: XX-0-MJG-19--22460. Det. by a taxonomist.
- 95 ***Liriope spicata* Lour.**
Acc: 190044190, lpen: XX-0-MJG-19--44190. Det. by a taxonomist.
- 96 ***Maianthemum stellatum* (L.) Link**
Acc: 190038330, lpen: XX-0-MJG-19--38330. Det. by a taxonomist.
- 97 ***Muscari armeniacum* H.J.Veitch**
Acc: 190022480, lpen: XX-0-MJG-19--22480. Det. by a taxonomist.
- 98 ***Muscari latifolium* J.Kirk**
Acc: 200608504, lpen: XX-0-MJG-200608504. Det. by a taxonomist.
- 99 ***Polygonatum multiflorum* (L.) All.**
Acc: 190044200, lpen: XX-0-MJG-19--44200. Det. by a taxonomist.
- 100 ***Polygonatum odoratum* (Mill.) Druce**
Acc: 190020660, lpen: XX-0-MJG-19--20660. Det. by a taxonomist.
- 101 ***Pseudomuscari azureum* (Fenzl) Garbari & Greuter**
Acc: 200217004, lpen: XX-0-MJG-200217004. Det. by a taxonomist.
- 102 ***Puschkinia scilloides* Adams**
Acc: 190043200, lpen: XX-0-MJG-19--43200. Det. by a taxonomist.
- 103 ***Ruscus aculeatus* L.**
Acc: 190015350, lpen: XX-0-MJG-19--15350. Det. by a taxonomist.
- 104 ***Scilla sardensis* (Whittall ex Barr & Sugden) Speta**
Acc: 200217001, lpen: XX-0-MJG-200217001. Det. by a taxonomist.

Asphodelaceae

- 105 ***Asphodeline liburnica* (Scop.) Rchb.**
Acc: 190037540, lpen: XX-0-MJG-19--37540. Det. by a taxonomist.
- 106 ***Asphodeline lutea* (L.) Rchb.**
Acc: 190033060, lpen: XX-0-MJG-19--33060. Det. by a taxonomist.
- 107 ***Asphodelus fistulosus* L.**
Acc: 199718212, lpen: IT-0-MJG-199718212, ITA: Nord-Apulien, Gargano. 1997. M. Quint. Det. by a taxonomist.
- 108 ***Bulbine semibarbata* (R.Br.) Haw.**
Acc: 190067050, lpen: XX-0-MJG-19--67050. Det. by a taxonomist.
- 109 ***Hemerocallis lilioasphodelus* L.**
Acc: 190067040, lpen: XX-0-MJG-19--67040. Det. by a taxonomist.

- 110 ***Kniphofia ensifolia* Baker**
Acc: 190073540, lpen: XX-0-MJG-190073540. Det. by a taxonomist.
- 111 ***Phormium cookianum* Le Jol.**
Acc: 190052780, lpen: XX-0-MJG-19--52780. Det. by a taxonomist.

Asteraceae

- 112 ***Acanthospermum hispidum* DC.**
Acc: 190070620, lpen: XX-0-MJG-19--70620. Det. by a taxonomist.
- 113 ***Achillea filipendulina* Lam.**
Acc: 190044140, lpen: XX-0-MJG-19--44140. Det. by a taxonomist.
- 114 ***Achyrachaena mollis* Schauers**
Acc: 190047920, lpen: XX-0-MJG-19--47920. Det. by a taxonomist.
- 115 ***Acmella oleracea* (L.) R.K.Jansen**
Acc: 199637240, lpen: XX-0-MJG-199637240. Det. by a taxonomist.
- 116 ***Ageratina altissima* (L.) R.M.King & H.Rob.**
Acc: 199711008, lpen: XX-0-MJG-199711008. Det. by a taxonomist.
- 117 ***Ageratum houstonianum* Mill.**
Acc: 190044170, lpen: XX-0-MJG-19--44170. Det. by a taxonomist.
- 118 ***Anacyclus radiatus* Loisel.**
Acc: 200702213, lpen: FR-0-Z-20011226, FRA: without locality. 2001. Det. by a taxonomist.
- 119 ***Anaphalis margaritacea* (L.) Benth.**
Acc: 190066040, lpen: XX-0-MJG-19--66040. Det. by a taxonomist.
- 120 ***Arctotheca calendula* (L.) Levyns**
Acc: 199704110, lpen: XX-0-MJG-199704110. Det. by a taxonomist.
- 121 ***Arnica longifolia* D.C.Eaton**
Acc: 200902501, lpen: US-0-MJG-200902501, USA: Wasington, Olympic Mountains (ex: BG Leisnig). Det. by a taxonomist.
- 122 ***Artemisia campestris* L. subsp. *campestris***
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.
- 123 ***Atractylis cancellata* L.**
Acc: 199802602, lpen: PT-0-MJG-199802602, PRT: Algarve (Via do Infante, ao km 298). 1996-07. Det. by a taxonomist.
- 124 ***Berlandiera lyrata* Benth.**
Acc: 200815702, lpen: XX-0-MJG-200815702. Det. by a horticulturist.
- 125 ***Bidens ferulifolius* (Jacq.) Sweet**
Acc: 190046540, lpen: XX-0-MJG-19--46540. Det. by a taxonomist.
- 126 ***Bidens pilosus* L.**
Acc: 190062990, lpen: XX-0-MJG-19--62990. Det. by a taxonomist.
- 127 ***Calendula arvensis* L.**
Acc: 190041710, lpen: XX-0-MJG-19--41710. Det. by a taxonomist.
- 128 ***Calendula suffruticosa* Vahl**
Acc: 190035240, lpen: XX-0-MJG-19--35240. Det. by a taxonomist.
- 129 ***Carthamus tinctorius* L.**
Acc: 190046560, lpen: XX-0-MJG-19--46560. Det. by a taxonomist.
- 130 ***Catananche lutea* L.**
Acc: 200010403, lpen: XX-0-MJG-200010403. Det. by a taxonomist.

- 131 *Centaurea benedicta* (L.) L.**
Acc: 190046610, lpen: XX-0-MJG-19--46610. Det. by a taxonomist.
- 132 *Centaurea montana* L.**
Acc: 200032890, lpen: XX-0-MJG-200032890. Det. by a taxonomist.
- 133 *Centaurea scabiosa* L. subsp. *scabiosa***
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.
- 134 *Chamaemelum nobile* (L.) All**
Acc: 199909806, lpen: PT-0-MJG-199909806, PRT: without locality. BG Coimbra, Index Seminum 1999: 360. Det. by a taxonomist.
- 135 *Chondrilla juncea* L.**
Acc: 190046590, lpen: XX-0-MJG-19--46590. Det. by a taxonomist.
- 136 *Chrysocoma coma-aurea* L.**
Acc: 190046600, lpen: XX-0-MJG-19--46600. Det. by a taxonomist.
- 137 *Cicerbita macrophylla* (Willd.) Wallr.**
Acc: 190037950, lpen: XX-0-MJG-190037950. Det. by comparison.
- 138 *Cichorium endivia* L.**
Acc: 190058480, lpen: XX-0-MJG-19--58480. Det. by a taxonomist.
- 139 *Cichorium intybus* L.**
Acc: 190050090, lpen: XX-0-MJG-19--50090. Det. by a taxonomist.
- 140 *Cirsium acaulon* (L.) Scop.**
Acc: 190032760, lpen: XX-0-MJG-19--32760. Det. by a taxonomist.
- 141 *Coreopsis tinctoria* Nutt.**
Acc: 190062670, lpen: XX-0-MJG-19--62670. Det. by a taxonomist.
- 142 *Coreopsis tripteris* L.**
Acc: 190047950, lpen: XX-0-MJG-19--47950. Det. by a taxonomist.
- 143 *Cosmos bipinnatus* Cav.**
Acc: 190046620, lpen: XX-0-MJG-19--46620. Det. by a taxonomist.
- 144 *Cosmos sulphureus* Cav.**
Acc: 190046630, lpen: XX-0-MJG-19--46630. Det. by a taxonomist.
- 145 *Cota austriaca* (Jacq.) Sch.Bip.**
Acc: 190058950, lpen: XX-0-MJG-19--58950. Det. by a taxonomist.
- 146 *Cota tinctoria* (L.) J.Gay**
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.
- 147 *Cotula coronopifolia* L.**
Acc: 190023910, lpen: XX-0-MJG-19--23910. Det. by a taxonomist.
- 148 *Cyanus segetum* Hill**
Acc: 200811101, lpen: DE-0-MJG-200811101, DEU: Rheinland-Pfalz, Rhein-Lahn-Kreis, bei Nastätten, 2008, 300 m. 2008-06-28. B. Meyer. Det. by a horticulturist.
- 149 *Dahlia coccinea* Cav.**
Acc: 200607101, lpen: XX-0-MJG-200607101. Det. by a taxonomist.
- 150 *Dahlia merckii* Lehm.**
Acc: 199709202, lpen: XX-0-MJG-199709202. Det. by a taxonomist.
- 151 *Doronicum austriacum* Jacq.**
Acc: 201600218, lpen: XX-0-TUEB-3639. Det. by a taxonomist.
- 152 *Echinacea angustifolia* DC.**
Acc: 200602209, lpen: XX-0-MJG-200602209. Det. by a horticulturist.

- 153 *Echinops bannaticus* Rochel ex Schrad.**
Acc: 190063520, lpen: XX-0-MJG-19--63520. Det. by a taxonomist.
- 154 *Erigeron canadensis* L.**
Acc: 200302606, lpen: DE-0-MJG-200302606, DEU: Brandenburg, Landkreis Märkisch-Oderland, Petershagen. 2003. Det. by a taxonomist.
- 155 *Flaveria trinervia* (Spreng.) C.Mohr.**
Acc: 199709209, lpen: XX-0-MJG-199709209. Det. by a taxonomist.
- 156 *Gaillardia pulchella* Foug.**
Acc: 190062700, lpen: XX-0-MJG-19--62700. Det. by a taxonomist.
- 157 *Galatella linosyris* (L.) Rchb.f.**
Acc: 200711601, lpen: 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.
- 158 *Gazania pinnata* (Thunb.) Less.**
Acc: 190036440, lpen: XX-0-MJG-19--36440. Det. by a taxonomist.
- 159 *Glebionis coronaria* (L.) Trehane**
Acc: 190042980, lpen: XX-0-MJG-19--42980. Det. by a taxonomist.
- 160 *Hedypnois cretica* (L.) Dum.-Courset**
Acc: 190046700, lpen: XX-0-MJG-19--46700. Det. by a taxonomist.
- 161 *Helenium amarum* (Raf.) H.Rock.**
Acc: 190046710, lpen: XX-0-MJG-19--46710. Det. by a taxonomist.
- 162 *Helenium aromaticum* (Hook.) L.H.Bailey**
Acc: 190046580, lpen: XX-0-MJG-19--46580. Det. by a taxonomist.
- 163 *Helenium autumnale* L.**
Acc: 190047200, lpen: XX-0-MJG-19--47200. Det. by a taxonomist.
- 164 *Heliopsis helianthoides* (L.) Sweet**
Acc: 190052420, lpen: XX-0-MJG-19--52420. Det. by a taxonomist.
- 165 *Hieracium murorum* L**
Acc: 190035950, lpen: XX-0-MJG-19--35950. Det. by a taxonomist.
- 166 *Hieracium sabaudum* L.**
Acc: 190076880, lpen: XX-0-MJG-19--76880. Det. by a taxonomist.
- 167 *Hyoseris radiata* L.**
Acc: 200307020, lpen: XX-0-MJG-200307020. Det. by a taxonomist.
- 168 *Inula conyza* DC.**
Acc: 200609306, lpen: 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.
- 169 *Inula helenium* L.**
Acc: 190034170, lpen: XX-0-MJG-19--34170. Det. by a taxonomist.
- 170 *Iva xanthiifolia* Nutt.**
Acc: 190035970, lpen: XX-0-MJG-19--35970. Det. by a taxonomist.
- 171 *Jacobaea alpina* (L.) Moench**
Acc: 201600026, lpen: CH-0-Z-20151080, CHE: St. Gallen, Alt St. Johann, Churfirsten, 1770 m. 2015-09-29. Det. by a taxonomist.
- 172 *Koelpinia linearis* Pall.**
Acc: 190036560, lpen: XX-0-MJG-19--36560. Det. by a taxonomist.
- 173 *Lapsana communis* L.**
Acc: 190046760, lpen: XX-0-MJG-19--46760. Det. by a taxonomist.
- 174 *Lasiospermum bipinnatum* (Thunb.) Druce**
Acc: 199707712, lpen: XX-0-MJG-199707712. Det. by a taxonomist.

- 175 ***Leibnitzia anandria* (L.) Turcz.**
Acc: 190063510, lpen: XX-0-MJG-19--63510. Det. by a taxonomist.
- 176 ***Leontodon hispidus* L.**
Acc: 190063590, lpen: XX-0-MJG-19--63590. Det. by a taxonomist.
- 177 ***Liatris spicata* (L.) Willd.**
Acc: 190035840, lpen: XX-0-MJG-19--35840. Det. by a taxonomist.
- 178 ***Ligularia przewalskii* (Maxim.) Diels**
Acc: 199237210, lpen: XX-0-MJG-199237210. Det. by a taxonomist.
- 179 ***Lindheimera texana* A.Gray & Engelm.**
Acc: 190046780, lpen: XX-0-MJG-19--46780. Det. by a taxonomist.
- 180 ***Lonas annua* (L.) Vines & Druce**
Acc: 190046790, lpen: XX-0-MJG-19--46790. Det. by a taxonomist.
- 181 ***Machaeranthera tanacetifolia* (Kunth) Nees**
Acc: 199701509, lpen: XX-0-MJG-199701509. Det. by a taxonomist.
- 182 ***Matricaria chamomilla* L.**
Acc: 190058590, lpen: XX-0-MJG-19--58590. Det. by a taxonomist.
- 183 ***Melampodium paludosum* Humb., Bonpl. & Kunth**
Acc: 190046800, lpen: XX-0-MJG-19--46800. Det. by a taxonomist.
- 184 ***Melampodium perfoliatum* (Cav.) Kunth**
Acc: 190046810, lpen: XX-0-MJG-19--46810. Det. by a taxonomist.
- 185 ***Onopordum acanthium* L.**
Acc: 190034340, lpen: XX-0-MJG-19--34340. Det. by a taxonomist.
- 186 ***Phagnalon rupestre* subsp. *illyricum* (H.Lindb.) Ginzb.**
Acc: 200510401, lpen: IT-0-MJG-200510401, ITA: Gargano, Nordküste. 1999. W. Licht. Det. by a taxonomist.
- 187 ***Picris hieracioides* L.**
Acc: 190046870, lpen: XX-0-MJG-19--46870. Det. by a taxonomist.
- 188 ***Pulicaria dysenterica* (L.) Bernh.**
Acc: 190070610, lpen: XX-0-MJG-19--70610. Det. by a taxonomist.
- 189 ***Reichardia tingitana* (L.) Roth**
Acc: 190063650, lpen: XX-0-MJG-19--63650. Det. by a taxonomist.
- 190 ***Rhagadiolus angulosus* (Jaub. & Spach) Kupicha**
Acc: 200115608, lpen: XX-0-MJG-200115608. Det. by a taxonomist.
- 191 ***Rudbeckia amplexicaulis* Vahl**
Acc: 190046640, lpen: XX-0-MJG-19--46640. Det. by a taxonomist.
- 192 ***Rudbeckia nitida* Nutt.**
Acc: 190062770, lpen: XX-0-MJG-19--62770. Det. by a taxonomist.
- 193 ***Santolina chamaecyparissus* L.**
Acc: 190001730, lpen: XX-0-MJG-19--01730. Det. by a taxonomist.
- 194 ***Santolina rosmarinifolia* L.**
Acc: 199201930, lpen: XX-0-MJG-199201930. Det. by a taxonomist.
- 195 ***Santolina villosa* Mill.**
Acc: 198801732, lpen: XX-0-MJG-198801732. Det. by a taxonomist.
- 196 ***Sanvitalia procumbens* Lam.**
Acc: 190046880, lpen: XX-0-MJG-19--46880. Det. by a taxonomist.
- 197 ***Saussurea albescens* Hook.f. & Thomson ex C.B.Clarke**
Acc: 199900301, lpen: XX-0-MJG-199900301. Det. by a taxonomist.
- 198 ***Schkuhria pinnata* (Lam.) Thell.**
Acc: 200403211, lpen: XX-0-MJG-200403211. Det. by a taxonomist.

- 199 ***Scolymus hispanicus* L.**
Acc: 190043000, lpen: XX-0-MJG-19--43000. Det. by a taxonomist.
- 200 ***Senecio elegans* L.**
Acc: 190062790, lpen: XX-0-MJG-19--62790. Det. by a taxonomist.
- 201 ***Sigesbeckia flosculosa* L'her.**
Acc: 190046930, lpen: XX-0-MJG-19--46930. Det. by a taxonomist.
- 202 ***Sigesbeckia serrata* DC.**
Acc: 190046940, lpen: XX-0-MJG-19--46940. Det. by a taxonomist.
- 203 ***Silphium perfoliatum* L.**
Acc: 201010001, lpen: XX-0-MJG-201010001. Det. by a taxonomist.
- 204 ***Silybum marianum* (L.) Gaertn.**
Acc: 190034330, lpen: XX-0-MJG-19--34330. Det. by a taxonomist.
- 205 ***Stevia rebaudiana* (Bertoni) Hemsl.**
Acc: 190061650, lpen: XX-0-MJG-190061650. Det. by a taxonomist.
- 206 ***Stokesia laevis* (Hill) Greene**
Acc: 190046970, lpen: XX-0-MJG-19--46970. Det. by a taxonomist.
- 207 ***Symphotrichum novae-angliae* (L.) G.L.Nesom**
Acc: 190047210, lpen: XX-0-MJG-19--47210. Det. by a taxonomist.
- 208 ***Synedrella nodiflora* (L.) Gaertn.**
Acc: 199703910, lpen: XX-0-MJG-199703910. Det. by a taxonomist.
- 209 ***Tagetes patula* L.**
Acc: 190046980, lpen: XX-0-MJG-19--46980. Det. by a taxonomist.
- 210 ***Tagetes tenuifolia* Cav.**
Acc: 190046990, lpen: XX-0-MJG-19--46990. Det. by a taxonomist.
- 211 ***Tanacetum balsamita* L.**
Acc: 190047520, lpen: XX-0-MJG-19--47520. Det. by a taxonomist.
- 212 ***Tanacetum corymbosum* (L.) Sch.Bip.**
Acc: 190047530, lpen: XX-0-MJG-19--47530. Det. by a taxonomist.
- 213 ***Tanacetum macrophyllum* (Waldst. & Kit.) Sch.Bip.**
Acc: 190031270, lpen: XX-0-MJG-19--31270. Det. by a taxonomist.
- 214 ***Tanacetum vulgare* L.**
Acc: 190047970, lpen: XX-0-MJG-19--47970. Det. by a taxonomist.
- 215 ***Telekia speciosa* (Schreb.) Baumg.**
Acc: 190034160, lpen: XX-0-MJG-19--34160. Det. by a taxonomist.
- 216 ***Thelesperma filifolium* (Hook.) A.Gray**
Acc: 199805304, lpen: XX-0-MJG-199805304. Det. by a taxonomist.
- 217 ***Tithonia rotundifolia* (Mill.) S.F.Blake**
Acc: 190039420, lpen: XX-0-MJG-19--39420. Det. by a taxonomist.
- 218 ***Tragopogon dubius* Scop.**
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.
- 219 ***Tragopogon porrifolius* L.**
Acc: 200810402, lpen: DK-0-MJG-200810402, DNK: Christiansoe (47 WB1230), 55,320 | 15,188. 2008. Det. by a taxonomist.
- 220 ***Tragopogon pratensis* L. subsp. *pratensis***
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.
- 221 ***Tridax trilobata* (Cav.) Hemsl.**
Acc: 190047550, lpen: XX-0-MJG-19--47550. Det. by a taxonomist.

- 222 *Tripteris vaillantii* Decne.**
Acc: 190070580, lpen: XX-0-MJG-19--70580. Det. by a taxonomist.
- 223 *Ursinia anthemoides* (L.) Poir.**
Acc: 199662800, lpen: XX-0-MJG-199662800. Det. by a taxonomist.
- 224 *Verbesina alata* L.**
Acc: 199707710, lpen: XX-0-MJG-199707710. Det. by a taxonomist.
- 225 *Verbesina encelioides* (Cav.) Benth. & Hook.f. ex A.Gray**
Acc: 199801004, lpen: XX-0-MJG-199801004. Det. by a taxonomist.
- 226 *Verbesina helianthoides* Michx.**
Acc: 190062810, lpen: XX-0-MJG-19--62810. Det. by a taxonomist.
- 227 *Volutaria muricata* (L.) Maire**
Acc: 201320803, lpen: XX-0-TEBLI-00125. Det. by a taxonomist.
- 228 *Xanthisma texanum* Dc**
Acc: 201301703, lpen: XX-0-MJG-201301703. Det. by a taxonomist.
- 229 *Xanthium orientale* L.**
Acc: 190036180, lpen: XX-0-MJG-19--36180. Det. by a taxonomist.
- 230 *Xanthium spinosum* L.**
Acc: 190036170, lpen: XX-0-MJG-19--36170. Det. by a taxonomist.
- 231 *Xeranthemum annuum* L.**
Acc: 201011234, lpen: UA-0-MJG-201011234, UKR: Vinnytsia, Vilshanka river valley between villages Verkhnia Slobidka and Velyka Kisnytsia, Yampilsky district, 48,161505 | 28,513641. 2010-07. U. Becker. Det. by a taxonomist.
- 232 *Xeranthemum cylindraceum* Sibth. & Smith**
Acc: 190063530, lpen: XX-0-MJG-19--63530. Det. by a taxonomist.
- 233 *Xerochrysum bracteatum* (Vent.) Tzvelev**
Acc: 190062710, lpen: XX-0-MJG-19--62710. Det. by a taxonomist.
- 234 *Zinnia haageana* Regel**
Acc: 190044180, lpen: XX-0-MJG-19--44180. Det. by a taxonomist.
- 235 *Zinnia peruviana* (L.) L.**
Acc: 190043110, lpen: XX-0-MJG-19--43110. Det. by a taxonomist.

Balsaminaceae

- 236 *Impatiens scabrida* DC.**
Acc: 190027880, lpen: XX-0-MJG-19--27880. Det. by a taxonomist.

Basellaceae

- 237 *Basella alba* L.**
Acc: 190037560, lpen: XX-0-MJG-19--37560. Det. by a taxonomist.

Begoniaceae

- 238 *Begonia egregia* N.E.Br.**
Acc: 190028970, lpen: XX-0-MJG-19--28970. Det. by a taxonomist.
- 239 *Begonia maculata* Raddi**
Acc: 190029030, lpen: XX-0-MJG-190029030. Det. by a taxonomist.

Berberidaceae

240 *Berberis vulgaris* L.

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.

241 *Jeffersonia diphylla* (L.) Pers.

Acc: 190037740, lpen: XX-0-MJG-19--37740. Det. by a horticulturist.

242 *Nandina domestica* Thunb.

Acc: 190019070, lpen: XX-0-MJG-19--19070. Det. by a taxonomist.

Betulaceae

243 *Carpinus japonica* Blume

Acc: 198407150, lpen: XX-0-MJG-198407150. Det. by a taxonomist.

244 *Carpinus turczaninowii* Hance

Acc: 196506990, lpen: XX-0-MJG-196506990. Det. by a taxonomist.

Bignoniaceae

245 *Eccremocarpus scaber* Ruiz & Pav.

Acc: 199817850, lpen: XX-0-MJG-199817850. Det. by a taxonomist.

246 *Incarvillea delavayi* Bureau & Franch.

Acc: 200501705, lpen: XX-0-MJG-200501705. Det. by a taxonomist.

247 *Incarvillea olgae* Regel

Acc: 199543190, lpen: XX-0-MJG-199543190. Det. by a taxonomist.

248 *Incarvillea sinensis* var. *przewalskii* (Batalin) C.Y.Wu & W.C.Yin

Acc: 200706502, lpen: XX-0-MB-1982/778. Det. by a taxonomist.

Boraginaceae

249 *Adelocaryum coelestinum* (Lindl.) Brand

Acc: 201304409, lpen: XX-0-HAL-1400. Det. by a taxonomist.

250 *Aegonychon purpureoeruleum* (L.) Holub

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.

251 *Alkanna graeca* Boiss. & Spruner

Acc: 199708317, lpen: XX-0-MJG-199708317. Det. by a taxonomist.

252 *Amsinckia intermedia* Fisch. & C.A.Mey.

Acc: 190066240, lpen: XX-0-MJG-19--66240. Det. by a taxonomist.

253 *Anchusa arvensis* (L.) M.Bieb

Acc: 190069320, lpen: XX-0-MJG-19--69320. Det. by a taxonomist.

254 *Asperugo procumbens* L.

Acc: 190069310, lpen: XX-0-MJG-19--69310. Det. by a taxonomist.

255 *Borago officinalis* L.

Acc: 200501103, lpen: XX-0-MJG-200501103. Det. by a horticulturist.

256 *Buglossoides arvensis* (L.) I.M.Johnst.

Acc: 190037590, lpen: XX-0-MJG-19--37590. Det. by a taxonomist.

257 *Caccinia macranthera* var. *crassifolia* (Vent.) Brand

Acc: 200409312, lpen: XX-0-MJG-200409312. Det. by a taxonomist.

258 *Cerinthe major* L.

- Acc: 199536610, lpen: IT-0-MJG-199536610, ITA: Tuscany, San Giuliano Terme (Pisa), 30 - 150 m. 1994-04-01. Det. by a taxonomist.
- 259 *Cerinth minor* L.**
Acc: 200001902, lpen: XX-0-MJG-200001902. Det. by a taxonomist.
- 260 *Cynoglossum amabile* Stapf & J.R.Drumm.**
Acc: 201301501, lpen: XX-0-MJG-201301501. Det. by a taxonomist.
- 261 *Cynoglossum creticum* Mill.**
Acc: 201302508, lpen: XX-0-MJG-201302508. Det. by a taxonomist.
- 262 *Cynoglossum germanicum* Jacq.**
Acc: 201304704, lpen: FR-0-LUX-2001-107, FRA: Haut Rhine, Soultz, Ruines du Freundstein, ca. 900m. 1995-07-01. (Arb. Kirchberg). Det. by a taxonomist.
- 263 *Echium vulgare* L.**
Acc: 190047050, lpen: XX-0-MJG-19--47050. Det. by a taxonomist.
- 264 *Lappula squarrosa* (Retz.) Dumort.**
Acc: 190069300, lpen: XX-0-MJG-19--69300. Det. by a taxonomist.
- 265 *Lindelofia longiflora* (Benth.) Baill.**
Acc: 190066370, lpen: XX-0-MJG-19--66370. Det. by a taxonomist.
- 266 *Myosotis ramosissima* Rochel ex Schult.**
Acc: 190066790, lpen: XX-0-MJG-19--66790. Det. by a taxonomist.
- 267 *Nemophila maculata* Benth. ex Lindl.**
Acc: 190044690, lpen: XX-0-MJG-19--44690. Det. by a taxonomist.
- 268 *Nonea lutea* (Desr.) DC.**
Acc: 200601406, lpen: XX-0-BONN-23732. Det. by a taxonomist.
- 269 *Onosma alborosea* Fisch. & C.A.Mey.**
Acc: 200612702, lpen: XX-0-MJG-200612702. Det. by a taxonomist.
- 270 *Pentaglottis sempervirens* (L.) Tausch ex L.H.Bailey**
Acc: 200409315, lpen: XX-0-MJG-200409315. Det. by a taxonomist.
- 271 *Phacelia viscida* Torr.**
Acc: 190044710, lpen: XX-0-MJG-19--44710. Det. by a taxonomist.
- 272 *Pontechium maculatum* (L.) Böhle & Hilger**
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.
- 273 *Symphytum officinale* L. subsp. *officinale***
Acc: 190070700, lpen: XX-0-MJG-190070700. Det. by a taxonomist.
- 274 *Tournefortia candidula* (Miers) I.M.Johnst.**
Acc: 190032600, lpen: XX-0-MJG-19--32600. Det. by a taxonomist.

Brassicaceae

- 275 *Aethionema arabicum* (L.) Andrz.Ex.Dc.**
Acc: 190044240, lpen: XX-0-MJG-19--44240. Det. by a taxonomist.
- 276 *Aethionema armenum* Boiss.**
Acc: 201600046, lpen: XX-0-MJG-201600046. Det. by a horticulturist.
- 277 *Alyssoides utriculata* (L.) Medik.**
Acc: 200706504, lpen: TR-0-MB-1981/1441, TUR: Kaz-Dag, Mt. Ida. 1978-07-01. VM. Det. by a taxonomist.
- 278 *Alyssum montanum* subsp. *gmelinii* (Jord.) Hegi & Em.Schmid**
Acc: 198224270, lpen: DE-0-MJG-198224270, DEU: Rheinland-Pfalz, Mainz, NSG Mainzer Sand, 50,011917 | 8,212023. 1983. U. Hecker. Det. by a taxonomist.

- 279 *Anastatica hierochuntica* L.**
Acc: 200804202, lpen: XX-0-MJG-200804202. Det. by a taxonomist.
- 280 *Arabidopsis arenosa* (L.) Lawalrée**
Acc: 190044300, lpen: XX-0-MJG-19--44300. Det. by a taxonomist.
- 281 *Arabis caucasica* Willd.**
Acc: 199702926, lpen: XX-0-MJG-199702926. Det. by a taxonomist.
- 282 *Arabis muralis* var. *rosea* (DC.) Thell.**
Acc: 190041770, lpen: XX-0-MJG-19--41770. Det. by a taxonomist.
- 283 *Arabis soyeri* Reut. & A.Huet**
Acc: 200400716, lpen: XX-0-MJG-200400716. Det. by a horticulturist.
- 284 *Aurinia saxatilis* (L.) Desv.**
Acc: 198900930, lpen: XX-0-MJG-198900930. Det. by a taxonomist.
- 285 *Barbarea vulgaris* R.Brown**
Acc: 190069100, lpen: XX-0-MJG-19--69100. Det. by a taxonomist.
- 286 *Berteroa incana* (L.) DC.**
Acc: 190069110, lpen: XX-0-MJG-19--69110. Det. by a taxonomist.
- 287 *Biscutella laevigata* L.**
Acc: 200713001, lpen: DE-0-MJG-200713001, DEU: Rheinland-Pfalz, Cochem an der Mosel, steiniger Abhang am Austieg zum Pinnerkreuz. 2007-10-06. R. Omlor. Det. by a taxonomist.
- 288 *Brassica juncea* (L.) Czern.**
Acc: 190069120, lpen: XX-0-MJG-19--69120. Det. by a taxonomist.
- 289 *Bunias orientalis* L.**
Acc: 190044290, lpen: XX-0-MJG-19--44290. Det. by a taxonomist.
- 290 *Camelina alyssum* (Mill.) Thell.**
Acc: 190055780, lpen: XX-0-MJG-19--55780. Det. by a taxonomist.
- 291 *Camelina sativa* (L.) Crantz**
Acc: 190069130, lpen: XX-0-MJG-19--69130. Det. by a taxonomist.
- 292 *Cardamine chenopodiifolia* Pers.**
Acc: 190035600, lpen: XX-0-MJG-19--35600. Det. by a taxonomist.
- 293 *Chorispora tenella* (Pall.) DC.**
Acc: 190044320, lpen: XX-0-MJG-19--44320. Det. by a taxonomist.
- 294 *Clypeola jonthlaspi* L.**
Acc: 190044330, lpen: XX-0-MJG-19--44330. Det. by a taxonomist.
- 295 *Conringia orientalis* (L.) Dum.**
Acc: 190041530, lpen: XX-0-MJG-19--41530. Det. by a taxonomist.
- 296 *Coronopus squamatus* (Forssk.) Asch.**
Acc: 190044350, lpen: XX-0-MJG-19--44350. Det. by a taxonomist.
- 297 *Crambe hispanica* L.**
Acc: 199666760, lpen: XX-0-MJG-199666760. Det. by a taxonomist.
- 298 *Diplotaxis tenuifolia* (L.) DC.**
Acc: 190062540, lpen: XX-0-MJG-19--62540. Det. by a taxonomist.
- 299 *Eruca vesicaria* subsp. *sativa* (Mill.) Thell.**
Acc: 190044370, lpen: XX-0-MJG-19--44370. Det. by a taxonomist.
- 300 *Erucastrum gallicum* (Willd.) O.E.Schulz**
Acc: 190069140, lpen: XX-0-MJG-19--69140. Det. by a taxonomist.
- 301 *Erysimum* × *cheiri* (L.) Crantz**
Acc: 190044380, lpen: XX-0-MJG-19--44380. Det. by a taxonomist.

- 302 *Erysimum crepidifolium* Rchb.**
Acc: 200811509, lpen: 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.
- 303 *Euclidium syriacum* (L.) R.Br.**
Acc: 190044390, lpen: XX-0-MJG-19--44390. Det. by a taxonomist.
- 304 *Fibigia clypeata* (L.) Medik.**
Acc: 199902904, lpen: XX-0-MJG-199902904. Det. by a taxonomist.
- 305 *Geococcus pusillus* J.L.Drumm.**
Acc: 190069150, lpen: XX-0-MJG-19--69150. Det. by a taxonomist.
- 306 *Hesperis matronalis* L. subsp. *matronalis***
Acc: 199704903, lpen: XX-0-MJG-199704903. Det. by a taxonomist.
- 307 *Hormathophylla spinosa* (L.) P.Küpf**
Acc: 190000740, lpen: XX-0-MJG-19--00740. Det. by a taxonomist.
- 308 *Hymenolobus procumbens* (L.) Nutt.**
Acc: 190066770, lpen: XX-0-MJG-19--66770. Det. by a taxonomist.
- 309 *Isatis tinctoria* L.**
Acc: 200606902, lpen: DE-0-MJG-200606902, DEU: Rheinland-Pfalz, Landkreis Mainz-Bingen, Stackeden-Elsheim, Entwässerungsgraben, Am Woog, leg. B. Mengel, 2015, 49,912155 | 8,137962. 2006-07-20. R. Omlor, B. Mengel. Det. by a taxonomist.
- 310 *Lepidium graminifolium* L.**
Acc: 201300501, lpen: FR-0-MJG-201300501, FRA: Brittany, Rennes, lieux pierreux. 2012-09-20. Det. by a taxonomist.
- 311 *Lunaria annua* L.**
Acc: 200004105, lpen: XX-0-MJG-200004105. Det. by a taxonomist.
- 312 *Malcolmia flexuosa* (Sibth. & Sm.) Sibth. & Sm.**
Acc: 190069170, lpen: XX-0-MJG-19--69170. Det. by a taxonomist.
- 313 *Moricandia arvensis* (L.) DC.**
Acc: 190036190, lpen: XX-0-MJG-19--36190. Det. by a taxonomist.
- 314 *Myagrum perfoliatum* L.**
Acc: 190041590, lpen: XX-0-MJG-19--41590. Det. by a taxonomist.
- 315 *Neslia paniculata* (L.) Desv.**
Acc: 199907605, lpen: XX-0-MJG-199907605. Det. by a taxonomist.
- 316 *Peltaria alliacea* Jacq.**
Acc: 190062560, lpen: XX-0-MJG-19--62560. Det. by a taxonomist.
- 317 *Pseudoturritis turrita* (L.) Al-Shehbaz**
Acc: 190043020, lpen: XX-0-MJG-19--43020. Det. by a taxonomist.
- 318 *Psychine stylosa* Desf.**
Acc: 190048010, lpen: XX-0-MJG-19--48010. Det. by a taxonomist.
- 319 *Raphanus sativus* L.**
Acc: 190044420, lpen: XX-0-MJG-19--44420. Det. by a taxonomist.
- 320 *Succowia balearica* (L.) Medik.**
Acc: 190044440, lpen: XX-0-MJG-19--44440. Det. by a taxonomist.
- 321 *Thlaspi alliaceum* L.**
Acc: 200606917, lpen: DE-0-MJG-200606917, DEU: Rheinland-Pfalz, Bacharach, Orionsteig, Felsen nordwestlich der Stadt, 50,062043 | 7,765896. 2006. R. Omlor. Det. by a taxonomist.
- 322 *Thlaspi arvense* L.**
Acc: 190044450, lpen: XX-0-MJG-19--44450. Det. by a taxonomist.

323 *Turritis glabra* L.

Acc: 200606927, lpen: DE-0-MJG-200606927, DEU: Rheinland-Pfalz, Oberwesel, Oelsberg, Weinbergsbrachen, 50,121431 | 7,723603. 2006-07-20. R. Omlor & B. Mengel. Det. by a taxonomist.

Bromeliaceae

324 *Tillandsia polystachya* (L.) L.

Acc: 190057280, lpen: XX-0-MJG-19--57280. Det. by a taxonomist.

Burseraceae

325 *Commiphora opobalsamum* (L.) Engl.

Acc: 198555580, lpen: XX-0-MJG-198555580. Det. by a taxonomist.

326 *Commiphora saxicola* Engl.

Acc: 198455840, lpen: XX-0-MJG-198455840. Det. by a taxonomist.

Cactaceae

327 *Echinocactus grusonii* Hildm.

Acc: 190062910, lpen: XX-0-MJG-19--62910. Det. by a taxonomist.

328 *Neobuxbaumia euphorbioides* (Haw.) Buxb. ex Bravo

Acc: 190077879, lpen: XX-0-MJG-190077879. Det. by a taxonomist.

329 *Opuntia engelmannii* Salm-Dyck ex Engelm. var. *engelmannii*

Acc: 190027600, lpen: XX-0-MJG-19--27600. Det. by a taxonomist.

330 *Opuntia phaeacantha* Engelm. 'Longispina'

Acc: 190027590, lpen: XX-0-MJG-19--27590. Det. by a taxonomist.

Calceolariaceae

331 *Calceolaria biflora* Lam.

Acc: 190070730, lpen: XX-0-MJG-19--70730. Det. by a taxonomist.

332 *Calceolaria tripartita* Ruiz & Pav.

Acc: 190047010, lpen: XX-0-MJG-19--47010. Det. by a taxonomist.

Calycanthaceae

333 *Calycanthus chinensis* (W.C.Cheng & S.Y.Chang) P.T.Li

Acc: 200605316, lpen: XX-0-MJG-200605316. Det. by a horticulturist.

334 *Calycanthus occidentalis* Hook. & Arn.

Acc: 195012210, lpen: XX-0-MJG-195012210. Det. by a taxonomist.

335 *Chimonanthus praecox* (L.) Link

Acc: 195010120, lpen: XX-0-MJG-195010120. Det. by a taxonomist.

Campanulaceae

336 *Azorina vidalii* (H.C.Wats.) Feer

Acc: 190053140, lpen: XX-0-MJG-19--53140. Det. by a taxonomist.

337 *Campanula carpatica* Jacq.

Acc: 199642960, lpen: XX-0-MJG-199642960. Det. by a taxonomist.

338 *Campanula cochleariifolia* Lam.

- Acc: 199635530, Ipen: XX-0-MJG-199635530. Det. by a taxonomist.
- 339 *Campanula sarmatica* Ker Gawl.**
Acc: 199705905, Ipen: XX-0-MJG-199705905. Det. by a taxonomist.
- 340 *Campanula thyrsoidea* L.**
Acc: 190034260, Ipen: XX-0-MJG-19--34260. Det. by a taxonomist.
- 341 *Codonopsis clematidea* (Fisch. & C.A.Mey.) C.B.Clarke**
Acc: 200504810, Ipen: KZ-0-MJG-200504811, KAZ: Akzu; Dzabagaly Reserve. Det. by a taxonomist.
- 342 *Edraianthus tenuifolius* (Waldst. & Kit.) A.DC.**
Acc: 190063460, Ipen: XX-0-MJG-19--63460. Det. by a taxonomist.
- 343 *Jasione montana* L.**
Acc: 200811510, Ipen: DE-0-MJG-200811510, 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.
- 344 *Legousia speculum-veneris* (L.) Chaix**
Acc: 190041570, Ipen: XX-0-MJG-19--41570. Det. by a taxonomist.
- 345 *Lobelia siphilitica* L.**
Acc: 190055390, Ipen: XX-0-MJG-19--55390. Det. by a taxonomist.
- 346 *Phyteuma orbiculare* L.**
Acc: 200703118, Ipen: XX-0-MJG-200703118. Det. by a taxonomist.
- 347 *Symphyandra armena* (Steven) A.DC.**
Acc: 199702913, Ipen: XX-0-MJG-199702913. Det. by a taxonomist.

Cannabaceae

- 348 *Celtis occidentalis* L.**
Acc: 195014110, Ipen: XX-0-MJG-195014110. Det. by a taxonomist.
- 349 *Humulus japonicus* Siebold & Zucc.**
Acc: 190040390, Ipen: XX-0-MJG-19--40390. Det. by a taxonomist.
- 350 *Humulus lupulus* L.**
Acc: 190058580, Ipen: XX-0-MJG-19--58580. Det. by a taxonomist.

Cannaceae

- 351 *Canna indica* L.**
Acc: 190055890, Ipen: XX-0-MJG-19--55890. Det. by a taxonomist.

Caprifoliaceae

- 352 *Centranthus ruber* (L.) DC.**
Acc: 190041290, Ipen: XX-0-MJG-19--41290. Det. by a taxonomist.
- 353 *Cephalaria gigantea* (Ledeb.) Bobrov**
Acc: 190063410, Ipen: XX-0-MJG-190063410. Det. by a taxonomist.
- 354 *Cephalaria uralensis* (Murray) Roem. & Schult.**
Acc: 201211304, Ipen: RU-0-MJG-201211304, RUS: Volgograd Oblast, Rajon Alexejewskaja. 2010. G.A.Firsov & A.Volchanskaya. Det. by a taxonomist.
- 355 *Diervilla sessilifolia* Buckland**
Acc: 195013540, Ipen: XX-0-MJG-195013540. Det. by a taxonomist.
- 356 *Leycesteria formosa* Wall.**
Acc: 198615330, Ipen: XX-0-MJG-198615330. Det. by a taxonomist.
- 357 *Lonicera etrusca* Santi**

- Acc: 195017880, lpen: XX-0-MJG-195017880. Det. by a taxonomist.
- 358 *Lonicera ferdinandi* Franch.**
Acc: 195007890, lpen: XX-0-MJG-195007890. Det. by a taxonomist.
- 359 *Lonicera maackii* (Rupr.) Maxim.**
Acc: 195008510, lpen: XX-0-MJG-195008510. Det. by a taxonomist.
- 360 *Lonicera prolifera* (G.Kirchn.) Rehder**
Acc: 195013530, lpen: XX-0-MJG-195013530. Det. by a taxonomist.
- 361 *Morina longifolia* Wall.**
Acc: 190062840, lpen: XX-0-MJG-19--62840. Det. by a taxonomist.
- 362 *Pterocephalus dumetorum* Coult.**
Acc: 190032370, lpen: XX-0-MJG-19--32370. Det. by a taxonomist.
- 363 *Scabiosa atropurpurea* L.**
Acc: 199715507, lpen: IT-0-MJG-199715507, ITA: Sicily, Palermo, Torre Normanna. 1996. Det. by a taxonomist.
- 364 *Scabiosa canescens* Waldst. & Kit.**
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.
- 365 *Scabiosa graminifolia* L.**
Acc: 190046500, lpen: XX-0-MJG-19--46500. Det. by a taxonomist.
- 366 *Scabiosa ochroleuca* L.**
Acc: 199625710, lpen: XX-0-MJG-199625710. Det. by a taxonomist.
- 367 *Succisa pratensis* Moench**
Acc: 190035960, lpen: XX-0-MJG-19--35960. Det. by a taxonomist.
- 368 *Succisella inflexa* (Kluk) Beck**
Acc: 190036070, lpen: XX-0-MJG-19--36070. Det. by a taxonomist.
- 369 *Symphoricarpos albus* var. *laevigatus* (Fernald) S.F.Blake**
Acc: 195014411, lpen: XX-0-MJG-195014411. Det. by a taxonomist.
- 370 *Tremastelma palaestinum* (L.) Janchen**
Acc: 190063430, lpen: XX-0-MJG-19--63430. Det. by a taxonomist.
- 371 *Valerianella rimosa* Bastard**
Acc: 190041750, lpen: XX-0-MJG-19--41750. Det. by a taxonomist.

Caryophyllaceae

- 372 *Agrostemma githago* L.**
Acc: 190041440, lpen: XX-0-MJG-19--41440. Det. by a taxonomist.
- 373 *Agrostemma gracilis* L.**
Acc: 190037620, lpen: XX-0-MJG-19--37620. Det. by a taxonomist.
- 374 *Arenaria serpyllifolia* L.**
Acc: 190037630, lpen: XX-0-MJG-19--37630. Det. by a taxonomist.
- 375 *Cerastium alpinum* L. subsp. *alpinum***
Acc: 200306404, lpen: SE-0-MJG-200306404, SWE: Torne Lappmark, Luopakte, 2002. Det. by a taxonomist.
- 376 *Dianthus carthusianorum* L.**
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.
- 377 *Dianthus membranaceus* Borbas**
Acc: 201011209, lpen: UA-0-MJG-201011209, UKR: Vinnytsia, Chechelnytsky district, Romashkovo, 48,24592 | 29,30517. 2010-07. U. Becker. Det. by a taxonomist.
- 378 *Gypsophila fastigiata* L.**

- 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.
- 379 *Gypsophila repens* L.**
Acc: 190035980, lpen: XX-0-MJG-19--35980. Det. by a taxonomist.
- 380 *Gypsophila scorzonerifolia* Ser.**
Acc: 190043910, lpen: XX-0-MJG-19--43910. Det. by a taxonomist.
- 381 *Minuartia capillacea* (All.) Graebn.**
Acc: 190050600, lpen: XX-0-MJG-19--50600. Det. by a taxonomist.
- 382 *Moenchia mantica* (L.) Bartl.**
Acc: 190043980, lpen: XX-0-MJG-19--43980. Det. by a taxonomist.
- 383 *Paronychia canadensis* (L.) Wood**
Acc: 190050610, lpen: XX-0-MJG-19--50610. Det. by a taxonomist.
- 384 *Paronychia kapela* (Hacq.) A.Kern.**
Acc: 190063130, lpen: XX-0-MJG-190063130. Det. by a taxonomist.
- 385 *Petrocoptis glaucifolia* (Lag.) Boiss.**
Acc: 199704135, lpen: XX-0-MJG-199704135. Det. by a taxonomist.
- 386 *Sagina saginoides* (L.) H.Karst.**
Acc: 190044000, lpen: XX-0-MJG-19--44000. Det. by a taxonomist.
- 387 *Saponaria cerastioides* Fisch. ex C.A.Mey.**
Acc: 190044010, lpen: XX-0-MJG-19--44010. Det. by a taxonomist.
- 388 *Silene baccifera* Roth**
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.
- 389 *Silene chalcedonica* (L.) E.Krause**
Acc: 190038260, lpen: XX-0-MJG-19--38260. Det. by a taxonomist.
- 390 *Silene chlorantha* (Willd.) Ehrh.**
Acc: 190034270, lpen: XX-0-MJG-19--34270. Det. by a taxonomist.
- 391 *Silene latifolia* subsp. *alba* (Mill.) Greuter & Burdet**
Acc: 190043950, lpen: XX-0-MJG-19--43950. Det. by a taxonomist.
- 392 *Silene linicola* C.C.Gmel.**
Acc: 190055770, lpen: XX-0-MJG-19--55770. Det. by a taxonomist.
- 393 *Silene noctiflora* L.**
Acc: 190041310, lpen: XX-0-MJG-19--41310. Det. by a taxonomist.
- 394 *Silene nutans* L.**
Acc: 200710904, lpen: DK-0-MJG-200710904, DNK: Ostjütland, Ostseite der Halbinsel Helgenes, Kiesstrand, 2007. 2007-08-10. R. Omlor. Det. by a taxonomist.
- 395 *Silene vulgaris* (Moench) Garcke**
Acc: 190025430, lpen: XX-0-MJG-19--25430. Det. by a taxonomist.
- 396 *Stellaria holostea* L.**
Acc: 190044040, lpen: XX-0-MJG-19--44040. Det. by a taxonomist.
- 397 *Vaccaria hispanica* (Mill.) Rauschert**
Acc: 190041690, lpen: XX-0-MJG-19--41690. Det. by a taxonomist.
- 398 *Velezia rigida* L.**
Acc: 190044050, lpen: XX-0-MJG-19--44050. Det. by a taxonomist.
- 399 *Viscaria vulgaris* Bernh.**
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.

Celastraceae

- 400 ***Euonymus alatus* (Thunb.) Siebold**
Acc: 195006610, lpen: XX-0-MJG-195006610. Det. by a taxonomist.
- 401 ***Euonymus fortunei* (Turcz.) Hand.-Mazz. var. *vegetus* (Rehder) Rehder**
Acc: 190017384, lpen: XX-0-MJG-190017384. Det. by a taxonomist.
- 402 ***Euonymus grandiflorus* Wall.**
Acc: 190010961, lpen: XX-0-MJG-19--10961. Det. by a taxonomist.
- 403 ***Euonymus latifolius* (L.) Mill.**
Acc: 195000240, lpen: XX-0-MJG-195000240. Det. by a taxonomist.

Cistaceae

- 404 ***Cistus* × *incanus* L.**
Acc: 190001480, lpen: XX-0-MJG-19--01480. Det. by a taxonomist.
- 405 ***Cistus laurifolius* L.**
Acc: 195019350, lpen: XX-0-MJG-195019350. Det. by a taxonomist.
- 406 ***Fumana procumbens* (Dunal) Gren. & Godr.**
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.
- 407 ***Helianthemum apenninum* (L.) Mill.**
Acc: 190000760, lpen: XX-0-MJG-190000760. Det. by a taxonomist.
- 408 ***Helianthemum ovatum* (Viv.) Dunal**
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.
- 409 ***Helianthemum violaceum* (Cav.) Pers.**
Acc: 201401001, lpen: ES-0-BERN-1989/333, ESP: Desviacion a la Sierra del Segura. Det. by a taxonomist.
- 410 ***Tuberaria guttata* (L.) Fourr.**
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

- 411 ***Cleome gynandra* L.**
Acc: 190069090, lpen: XX-0-MJG-19--69090. Det. by a taxonomist.

Clethraceae

- 412 ***Clethra alnifolia* L.**
Acc: 198613460, lpen: XX-0-MJG-198613460. Det. by a taxonomist.

Commelinaceae

- 413 ***Commelina communis* L.**
Acc: 200612503, lpen: XX-0-MJG-200612503. Det. by a taxonomist.
- 414 ***Commelina dianthifolia* Delile**
Acc: 200104001, lpen: XX-0-MJG-200104001. Det. by a taxonomist.
- 415 ***Commelina tuberosa* L. 'Coelestis Grp.'**
Acc: 190044120, lpen: XX-0-MJG-19--44120. Det. by a taxonomist.

- 416 *Palisota bracteosa* C.B.Clarke**
Acc: 190027200, lpen: XX-0-MJG-190027200. Det. by comparison.
- 417 *Tinantia erecta* (Jacq.) Schltdl.**
Acc: 190034080, lpen: XX-0-MJG-19--34080. Det. by a taxonomist.
- 418 *Tradescantia ohiensis* Raf.**
Acc: 199716205, lpen: XX-0-MJG-199716205. Det. by a taxonomist.

Convolvulaceae

- 419 *Argyreia nervosa* (Burm.f.) Bojer**
Acc: 200303402, lpen: XX-0-MJG-200303402. Det. by a taxonomic specialist.
- 420 *Cuscuta epilinum* Weihe**
Acc: 190055800, lpen: XX-0-MJG-19--55800. Det. by a taxonomist.
- 421 *Cuscuta epithymum* (L.) L.**
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.
- 422 *Ipomoea coccinea* L.**
Acc: 200808404, lpen: XX-0-MJG-200808404. Det. by a horticulturist.
- 423 *Ipomoea lobata* (Cerv.) Thell.**
Acc: 190027810, lpen: XX-0-MJG-19--27810. Det. by a taxonomist.
- 424 *Ipomoea purpurea* (L.) Roth**
Acc: 190044220, lpen: XX-0-MJG-19--44220. Det. by a taxonomist.
- 425 *Merremia dissecta* (Jacq.) Hallier f.**
Acc: 200700903, lpen: XX-0-MJG-200700903. Det. by a taxonomist.

Coriariaceae

- 426 *Coriaria japonica* A.Gray**
Acc: 190017360, lpen: XX-0-MJG-19--17360. Det. by a taxonomist.

Cornaceae

- 427 *Cornus canadensis* L.**
Acc: 190043030, lpen: XX-0-MJG-19--43030. Det. by a taxonomist.
- 428 *Cornus officinalis* Siebold & Zucc.**
Acc: 197806680, lpen: XX-0-MJG-197806680. Det. by a taxonomist.
- 429 *Cornus sericea* L.**
Acc: 195014370, lpen: XX-0-MJG-195014370. Det. by a taxonomist.

Costaceae

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

Crassulaceae

- 431 *Jovibarba globifera* subsp. *hirta* (L.) J.Parn.**
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.

- 432 *Phedimus spurius* (M.Bieb.) 't Hart**
Acc: 190047390, lpen: XX-0-MJG-19--47390. Det. by a taxonomist.
- 433 *Rosularia sempervivum* (M.Bieb.) A.Berger**
Acc: 200807005, lpen: XX-0-ER-2006-46. Det. by a taxonomist.
- 434 *Sedum aizoon* L.**
Acc: 190044230, lpen: XX-0-MJG-19--44230. Det. by a taxonomist.
- 435 *Sedum album* L.**
Acc: 200606907, lpen: DE-0-MJG-200606907, DEU: Rheinland-Pfalz, Landkreis Mainz-Bingen, Stackeden-Elsheim, Entwässerungsgraben, Am Woog, leg. B. Mengel, 2015, 49,912155 | 8,137962. 2006-07-20. R. Omlor, B. Mengel. Det. by a taxonomist.
- 436 *Sedum rupestre* L.**
Acc: 190047340, lpen: XX-0-MJG-19--47340. Det. by a taxonomist.

Cucurbitaceae

- 437 *Benincasa hispida* (Thunb.) Cogn.**
Acc: 190050660, lpen: XX-0-MJG-19--50660. Det. by a taxonomist.
- 438 *Citrullus colocynthis* (L.) Schrad.**
Acc: 190046740, lpen: XX-0-MJG-19--46740. Det. by a taxonomist.
- 439 *Corallocarpus boehmii* (Cogn.) C.Jeffrey**
Acc: 190054470, lpen: XX-0-MJG-19--54470. Det. by a taxonomist.
- 440 *Cucumis bryoniifolius* (Merxm.) Ghebret. & Thulin**
Acc: 200807402, lpen: XX-0-MJG-200807402. Det. by a taxonomist.
- 441 *Cucumis metuliferus* E.Mey. ex Naudin**
Acc: 190054220, lpen: XX-0-MJG-19--54220. Det. by a taxonomist.
- 442 *Cucumis myriocarpus* Naudin**
Acc: 199807205, lpen: XX-0-MJG-199807205. Det. by a taxonomist.
- 443 *Cucurbita ficifolia* Bouché**
Acc: 190054440, lpen: XX-0-MJG-19--54440. Det. by a taxonomist.
- 444 *Cyclanthera brachystachya* (DC) Cogn.**
Acc: 190040440, lpen: XX-0-MJG-19--40440. Det. by a taxonomist.
- 445 *Cyclanthera pedata* (L.) Schrad.**
Acc: 190040470, lpen: XX-0-MJG-19--40470. Det. by a taxonomist.
- 446 *Ecballium elaterium* (L.) A.Rich. subsp. *elaterium***
Acc: 190037260, lpen: XX-0-MJG-19--37260. Det. by a taxonomist.
- 447 *Kedrostis leloja* (Forssk. ex J.F.Gmel.) C.Jeffrey**
Acc: 201303804, lpen: XX-0-MJG-201303804. Det. by a taxonomist.
- 448 *Lagenaria siceraria* (Molina) Standl.**
Acc: 190054360, lpen: XX-0-MJG-19--54360. Det. by a taxonomist.
- 449 *Luffa cylindrica* (L.) M.Roem.**
Acc: 190054390, lpen: XX-0-MJG-19--54390. Det. by a taxonomist.
- 450 *Momordica balsamina* L.**
Acc: 201300101, lpen: XX-0-MJG-19--54460. Not determined.
- 451 *Momordica charantia* L.**
Acc: 190054610, lpen: XX-0-MJG-19--54610. Det. by a taxonomist.
- 452 *Trichosanthes cucumeria* var. *anguina* (L.) Haines**
Acc: 190054530, lpen: XX-0-MJG-19--54530. Det. by a taxonomist.

Cupressaceae

453 *Cupressus sempervirens* L.

Acc: 195017010, lpen: XX-0-MJG-195017010. Det. by a taxonomist.

454 *Juniperus communis* L.

Acc: 200604509, lpen: DE-0-MJG-200604509, DEU: Baden-Württemberg, Landkreis Reutlingen, Schwäbische Alp, weißer Jura (Kalk), 750 m. Det. by a taxonomist.

455 *Juniperus conferta* Parl.

Acc: 197019030, lpen: XX-0-MJG-197019030. Det. by a taxonomist.

456 *Platycladus orientalis* (L.) Franco 'Sieboldii'

Acc: 198003061, lpen: XX-0-MJG-198003061. Det. by a taxonomist.

Cyclanthaceae

457 *Ludovia lancifolia* Brongn.

Acc: 190057620, lpen: XX-0-MJG-190057620. Det. by a taxonomist.

Cyperaceae

458 *Bolboschoenus maritimus* (L.) Palla

Acc: 190023200, lpen: XX-0-MJG-19--23200. Det. by a taxonomist.

459 *Carex alba* Scop.

Acc: 190044460, lpen: XX-0-MJG-19--44460. Det. by a taxonomist.

460 *Carex aurea* Nutt.

Acc: 200700208, lpen: XX-0-MJG-200700208. Det. by a taxonomist.

461 *Carex bohemica* Schreb.

Acc: 190043150, lpen: XX-0-MJG-19--43150. Det. by a taxonomist.

462 *Carex capitata* Sol.

Acc: 199644470, lpen: XX-0-MJG-199644470. Det. by a taxonomist.

463 *Carex caryophyllea* Latourr.

Acc: 199537270, lpen: XX-0-MJG-199537270. Det. by a taxonomist.

464 *Carex davalliana* Sm.

Acc: 190044480, lpen: XX-0-MJG-19--44480. Det. by a taxonomist.

465 *Carex distans* L.

Acc: 190067160, lpen: XX-0-MJG-19--67160. Det. by a taxonomist.

466 *Carex echinata* Murray

Acc: 200811626, lpen: DK-0-B-0440903, DNK: Jütland, Nordjyllands Amt, Jammerbucht, NE Fjerritslev, Silikat, 2007. Det. by a taxonomist.

467 *Carex elongata* L.

Acc: 190067170, lpen: XX-0-MJG-19--67170. Det. by a taxonomist.

468 *Carex flacca* Schreb.

Acc: 190036260, lpen: XX-0-MJG-19--36260. Det. by a taxonomist.

469 *Carex grayi* J.Carey

Acc: 190044500, lpen: XX-0-MJG-19--44500. Det. by a taxonomist.

470 *Carex hordeistichos* Vill.

Acc: 190067190, lpen: XX-0-MJG-19--67190. Det. by a taxonomist.

471 *Carex hordeistichos* Vill.

Acc: 201314201, lpen: DE-0-MJG-201314201, DEU: Rh-Pf., westlich Sulzheim, Senke an der Schnittstelle B420 und Vendersheimer Bach, 49.840252 | 8.080357. 2013-10-04. Axel Schönhofer. Det. by a taxonomic specialist.

472 *Carex muricata* L.Agg.

- Acc: 199537280, lpen: XX-0-MJG-199537280. Det. by a taxonomist.
- 473 *Carex ovalis* Good.**
Acc: 199711402, lpen: XX-0-MJG-199711402. Det. by a taxonomist.
- 474 *Carex panicea* L.**
Acc: 190044510, lpen: XX-0-MJG-19--44510. Det. by a taxonomist.
- 475 *Carex pendula* Huds.**
Acc: 190020120, lpen: XX-0-MJG-19--20120. Det. by a taxonomist.
- 476 *Carex pseudocyperus* L.**
Acc: 199644520, lpen: XX-0-MJG-199644520. Det. by a taxonomist.
- 477 *Carex secalina* Willd. ex Wahlenb.**
Acc: 190076770, lpen: XX-0-MJG-190076770. Det. by a taxonomist.
- 478 *Cladium mariscus* (L.) Pohl**
Acc: 190044530, lpen: XX-0-MJG-19--44530. Det. by a taxonomist.
- 479 *Cyperus fuscus* L.**
Acc: 190076200, lpen: XX-0-MJG-190076200. Det. by a taxonomist.
- 480 *Cyperus longus* L. subsp. *longus***
Acc: 190023220, lpen: XX-0-MJG-190023220. Det. by a taxonomist.
- 481 *Cyperus papyrus* L.**
Acc: 190023070, lpen: XX-0-MJG-19--23070. Det. by a taxonomist.
- 482 *Eleocharis palustris* (L.) Roem. & Schult.**
Acc: 190044540, lpen: XX-0-MJG-19--44540. Det. by a taxonomist.
- 483 *Schoenoplectus tabernaemontani* (C.C.Gmel.) Palla**
Acc: 190044550, lpen: XX-0-MJG-19--44550. Det. by a taxonomist.
- 484 *Schoenoplectus triqueter* (L.) Palla**
Acc: 190055810, lpen: XX-0-MJG-19--55810. Det. by a taxonomist.
- 485 *Schoenus nigricans* L.**
Acc: 190044560, lpen: XX-0-MJG-19--44560. Det. by a taxonomist.
- 486 *Scirpus sylvaticus* L.**
Acc: 190038100, lpen: XX-0-MJG-19--38100. Det. by a taxonomist.
- 487 *Trichophorum alpinum* (L.) Pers.**
Acc: 201112104, lpen: AT-0-MJG-201112104, AUT: Vorarlberg, Riefensberg, Hochhädrich, Parkplatz nahe Skihotel, 1300 m. 2011-06-24. Mengel Bernd. Det. by a taxonomist.

Dioscoreaceae

- 488 *Dioscorea caucasica* Lipsky**
Acc: 190066340, lpen: XX-0-MJG-19--66340. Det. by a taxonomist.
- 489 *Dioscorea tokoro* Makino ex Miyabe**
Acc: 200908611, lpen: JP-0-MJG-200908611, JPN: Yamanashi Prefecture, Narusawa-mura. Det. by a taxonomist.
- 490 *Dioscorea villosa* L.**
Acc: 200906703, lpen: US-0-MJG-200906703, USA: North Carolina, without locality. Det. by a taxonomist.

Ebenaceae

- 491 *Diospyros lotus* L.**
Acc: 195017810, lpen: XX-0-MJG-195017810. Det. by a taxonomist.

Elaeagnaceae

492 *Elaeagnus umbellata* Thunb.

Acc: 199510540, lpen: XX-0-MJG-199510540. Det. by a taxonomist.

493 *Hippophae rhamnoides* L.

Acc: 195000270, lpen: XX-0-MJG-195000270. Det. by a taxonomist.

Ericaceae

494 *Chamaedaphne calyculata* (L.) Moench

Acc: 197913740, lpen: XX-0-MJG-197913740. Det. by a taxonomist.

495 *Erica spiculifolia* Salisb.

Acc: 190001470, lpen: XX-0-MJG-190001470. Det. by a taxonomist.

496 *Erica tetralix* L.

Acc: 201273880, lpen: XX-0-MJG-201273880. Det. by a horticulturist.

497 *Erica vagans* L.

Acc: 201410906, lpen: ES-0-MJG-201410906, ESP: Coruna, Cedeira, Uzal Capelada. 1998-09-20. J. Fagundez. Det. by a taxonomic specialist.

498 *Kalmia angustifolia* L.

Acc: 196417620, lpen: XX-0-MJG-196417620. Det. by a taxonomist.

499 *Ledum groenlandicum* Oeder

Acc: 196417980, lpen: XX-0-MJG-196417980. Det. by a taxonomist.

500 *Leucothoe fontanesiana* (Steud.) Sleumer

Acc: 196813750, lpen: XX-0-MJG-196813750. Det. by a taxonomist.

501 *Pieris japonica* (Thunb.) D.Don

Acc: 198106720, lpen: XX-0-MJG-198106720. Det. by a taxonomist.

502 *Vaccinium vitis-idaea* L.

Acc: 198617720, lpen: XX-0-MJG-198617720. Det. by a taxonomist.

Eucommiaceae

503 *Eucommia ulmoides* Oliv.

Acc: 195010880, lpen: XX-0-MJG-195010880. Det. by a taxonomist.

Euphorbiaceae

504 *Euphorbia characias* subsp. *wulfenii* (Hoppe ex W.D.J.Koch) Radcl.-Sm.

Acc: 190033490, lpen: XX-0-MJG-19--33490. Det. by a taxonomist.

505 *Euphorbia epithymoides* L.

Acc: 190050460, lpen: XX-0-MJG-19--50460. Det. by a taxonomist.

506 *Euphorbia lathyris* L.

Acc: 190044580, lpen: XX-0-MJG-19--44580. Det. by a taxonomist.

507 *Euphorbia palustris* L.

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.

508 *Euphorbia peplus* L.

Acc: 200211102, lpen: IT-0-MJG-200211102, ITA: Siena, Porta Tufi, campo incolto, 300 m, 2001. Det. by a horticulturist.

509 *Euphorbia pithyusa* L.

Acc: 190063990, lpen: XX-0-MJG-19--63990. Det. by a taxonomist.

- 510 ***Euphorbia platyphyllos* L.**
Acc: 199701520, lpen: XX-0-MJG-199701520. Det. by a taxonomist.
- 511 ***Ricinus communis* L.**
Acc: 190044600, lpen: XX-0-MJG-19--44600. Det. by a taxonomist.

Fabaceae

- 512 ***Apios americana* Medik.**
Acc: 190040410, lpen: XX-0-MJG-190040410. Det. by a taxonomist.
- 513 ***Arachis hypogaea* L.**
Acc: 190039210, lpen: XX-0-MJG-19--39210. Det. by a taxonomist.
- 514 ***Argyrocytisus battandieri* (Maire) Raynaud**
Acc: 201315701, lpen: XX-0-MJG-201315701. Det. by a taxonomist.
- 515 ***Astragalus monspessulanus* L.**
Acc: 190034680, lpen: XX-0-MJG-19--34680. Det. by a taxonomist.
- 516 ***Baptisia australis* (L.) R.Br**
Acc: 190061430, lpen: XX-0-MJG-19--61430. Det. by a taxonomist.
- 517 ***Biserrula pelecinus* L.**
Acc: 190069790, lpen: XX-0-MJG-19--69790. Det. by a taxonomist.
- 518 ***Cajanus cajan* (L.) Millsp.**
Acc: 190038650, lpen: XX-0-MJG-19--38650. Det. by a taxonomist.
- 519 ***Canavalia ensiformis* (L.) DC.**
Acc: 190055910, lpen: XX-0-MJG-19--55910. Det. by a taxonomist.
- 520 ***Cercis occidentalis* Gray**
Acc: 200315502, lpen: XX-0-MJG-200315502. Det. by a taxonomist.
- 521 ***Cercis siliquastrum* L.**
Acc: 195001190, lpen: XX-0-MJG-195001190. Det. by a taxonomist.
- 522 ***Cicer arietinum* L.**
Acc: 190045260, lpen: XX-0-MJG-19--45260. Det. by a taxonomist.
- 523 ***Clitoria ternatea* L.**
Acc: 190026710, lpen: XX-0-MJG-19--26710. Det. by a taxonomist.
- 524 ***Coronilla scorpioides* (L.) W.D.J.Koch**
Acc: 190045270, lpen: XX-0-MJG-19--45270. Det. by a taxonomist.
- 525 ***Cytisus nigricans* L.**
Acc: 201011239, lpen: UA-0-MJG-201011239, UKR: Vinnytsia, Dniester river valley, near village Mykhailivka, Yampilsky district, 48,26333 | 28,14029. 2010-07. U. Becker. Det. by a taxonomist.
- 526 ***Desmanthus pernambucanus* (L.) Thell.**
Acc: 199826800, lpen: XX-0-MJG-199826800. Det. by a taxonomist.
- 527 ***Desmodium canadense* (L.) DC.**
Acc: 190034350, lpen: XX-0-MJG-19--34350. Det. by a taxonomist.
- 528 ***Galega officinalis* L.**
Acc: 200201002, lpen: XX-0-MJG-200201002. Det. by a taxonomist.
- 529 ***Glycine max* (L.) Merr.**
Acc: 190045290, lpen: XX-0-MJG-19--45290. Det. by a taxonomist.
- 530 ***Indigofera hebeptala* Baker**
Acc: 190004510, lpen: XX-0-MJG-19--04510. Det. by a taxonomist.
- 531 ***Lablab purpureus* (L.) Sweet**
Acc: 190070450, lpen: XX-0-MJG-19--70450. Det. by a taxonomist.
- 532 ***Lathyrus aphaca* L.**

- Acc: 190045310, lpen: XX-0-MJG-19--45310. Det. by a taxonomist.
- 533 *Lathyrus latifolius* L.**
Acc: 190040450, lpen: XX-0-MJG-19--40450. Det. by a taxonomist.
- 534 *Lathyrus ochrus* (L.) DC.**
Acc: 190056470, lpen: XX-0-MJG-19--56470. Det. by a taxonomist.
- 535 *Lathyrus odoratus* L.**
Acc: 190035500, lpen: XX-0-MJG-19--35500. Det. by a taxonomist.
- 536 *Lathyrus vernus* (L.) Bernh.**
Acc: 190020310, lpen: XX-0-MJG-19--20310. Det. by a taxonomist.
- 537 *Lens culinaris* Medik.**
Acc: 190035490, lpen: XX-0-MJG-19--35490. Det. by a taxonomist.
- 538 *Lotus conjugatus* subsp. *requienii* (Sanguin.) Greuter**
Acc: 190036330, lpen: XX-0-MJG-19--36330. Det. by a taxonomist.
- 539 *Lotus ornithopodioides* L.**
Acc: 190070770, lpen: XX-0-MJG-19--70770. Det. by a taxonomist.
- 540 *Lotus tetragonolobus* L.**
Acc: 190045410, lpen: XX-0-MJG-19--45410. Det. by a taxonomist.
- 541 *Lupinus luteus* L.**
Acc: 200010203, lpen: XX-0-MJG-200010203. Det. by a taxonomist.
- 542 *Lupinus nanus* Douglas ex Benth.**
Acc: 199709019, lpen: XX-0-MJG-199709019. Det. by a taxonomist.
- 543 *Lupinus polyphyllus* Lindl.**
Acc: 190061450, lpen: XX-0-MJG-19--61450. Det. by a taxonomist.
- 544 *Maackia amurensis* Rupr. & Maxim.**
Acc: 197710890, lpen: XX-0-MJG-197710890. Det. by a taxonomist.
- 545 *Mimosa pudica* L.**
Acc: 200313413, lpen: XX-0-MJG-200313413. Det. by a taxonomist.
- 546 *Neptunia oleracea* Lour.**
Acc: 201003308, lpen: XX-0-M-V/0007. Det. by a taxonomist.
- 547 *Ononis alopecuroides* L.**
Acc: 199710204, lpen: XX-0-MJG-199710204. Det. by a taxonomist.
- 548 *Ononis viscosa* L.**
Acc: 190043340, lpen: XX-0-MJG-19--43340. Det. by a taxonomist.
- 549 *Ornithopus sativus* Brot.**
Acc: 190069780, lpen: XX-0-MJG-19--69780. Det. by a taxonomist.
- 550 *Phaseolus lunatus* L.**
Acc: 190055930, lpen: XX-0-MJG-19--55930. Det. by a taxonomist.
- 551 *Psophocarpus tetragonolobus* (L.) DC.**
Acc: 200305303, lpen: XX-0-MJG-200305303. Det. by a taxonomist.
- 552 *Psoralea onobrychis* Nutt.**
Acc: 190070440, lpen: XX-0-MJG-19--70440. Det. by a taxonomist.
- 553 *Scorpiurus muricatus* L.**
Acc: 190045380, lpen: XX-0-MJG-19--45380. Det. by a taxonomist.
- 554 *Scorpiurus vermiculatus* L.**
Acc: 190045390, lpen: XX-0-MJG-19--45390. Det. by a taxonomist.
- 555 *Securigera securidaca* (L.) Degen & Doerfl.**
Acc: 190045400, lpen: XX-0-MJG-19--45400. Det. by a taxonomist.
- 556 *Senna artemisioides* (Gaudich. ex DC.) Isely**
Acc: 190052040, lpen: XX-0-MJG-19--52040. Det. by a taxonomist.
- 557 *Senna septemtrionalis* (Viv.) Irwin & Barneby**

- Acc: 190052350, lpen: XX-0-MJG-19--52350. Det. by a taxonomist.
- 558 *Spartium junceum* L.**
Acc: 195019160, lpen: XX-0-MJG-195019160. Det. by a taxonomist.
- 559 *Thermopsis montana* Torr. & A.Gray**
Acc: 190061420, lpen: XX-0-MJG-190061420. Det. by a taxonomist.
- 560 *Trifolium angustifolium* L.**
Acc: 199627790, lpen: IT-0-MJG-199627790, ITA: Il Puntone, Grosseto. 1995-06-26. F.Romi u. P.Marchetti. Det. by a taxonomist.
- 561 *Trifolium cherleri* L.**
Acc: 199717802, lpen: CY-0-MJG-199717802, CYP: Paphos District, Inia, à l'ouest du mont Lara. 1995. Det. by a taxonomist.
- 562 *Trifolium montanum* L.**
Acc: 199810202, lpen: XX-0-MJG-199810202. Det. by a taxonomist.
- 563 *Trifolium pannonicum* Jacq.**
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.
- 564 *Trifolium rubens* L.**
Acc: 190045430, lpen: XX-0-MJG-19--45430. Det. by a taxonomist.
- 565 *Trifolium tomentosum* L.**
Acc: 190045440, lpen: XX-0-MJG-19--45440. Det. by a taxonomist.
- 566 *Trigonella caerulea* (L.) Ser.**
Acc: 190056480, lpen: XX-0-MJG-19--56480. Det. by a taxonomist.
- 567 *Trigonella corniculata* (L.) L.**
Acc: 190056490, lpen: XX-0-MJG-19--56490. Det. by a taxonomist.
- 568 *Trigonella foenum-graecum* L.**
Acc: 190056500, lpen: XX-0-MJG-19--56500. Det. by a taxonomist.
- 569 *Tripodion tetraphyllum* (L.) Fourr.**
Acc: 190045250, lpen: XX-0-MJG-19--45250. Det. by a taxonomist.
- 570 *Ulex europaeus* L.**
Acc: 198919220, lpen: XX-0-MJG-198919220. Det. by a taxonomist.
- 571 *Vicia hirsuta* (L.) Gray**
Acc: 190045450, lpen: XX-0-MJG-19--45450. Det. by a taxonomist.
- 572 *Vicia lathyroides* L.**
Acc: 190045460, lpen: XX-0-MJG-19--45460. Det. by a taxonomist.
- 573 *Vicia sylvatica* L.**
Acc: 190062890, lpen: XX-0-MJG-19--62890. Det. by a taxonomist.
- 574 *Vicia tetrasperma* (L.) Schreb.**
Acc: 190045470, lpen: XX-0-MJG-19--45470. Det. by a taxonomist.
- 575 *Vigna angularis* (Willd.) Ohwi & Ohashi**
Acc: 190049640, lpen: XX-0-MJG-19--49640. Det. by a taxonomist.
- 576 *Vigna mungo* (L.) Hepper**
Acc: 190025580, lpen: XX-0-MJG-19--25580. Det. by a taxonomist.
- 577 *Vigna umbellata* (Thunb.) Ohwi & Ohashi**
Acc: 200804205, lpen: XX-0-MJG-200804205. Det. by a taxonomist.
- 578 *Vigna unguiculata* subsp. *sesquipedalis* (L.) Verdc.**
Acc: 190056020, lpen: XX-0-MJG-19--56020. Det. by a taxonomist.
- 579 *Vigna unguiculata* (L.) Walp. subsp. *unguiculata***
Acc: 190055900, lpen: XX-0-MJG-19--55900. Det. by a taxonomist.

Frankeniaceae

580 *Frankenia pulverulenta* L.

Acc: 199805222, Ipen: XX-0-MJG-199805222. Det. by a taxonomist.

Gentianaceae

581 *Blackstonia perfoliata* (L.) Huds.

Acc: 200807302, Ipen: NL-0-MJG-200807302, NLD: Noord-Holland, near Ijmuiden. 2007. Det. by a taxonomist.

582 *Centaurium erythraea* Rafn

Acc: 190058720, Ipen: XX-0-MJG-19--58720. Det. by a taxonomist.

583 *Gentiana pneumonanthe* L.

Acc: 201007901, Ipen: DE-0-MJG-201007901, DEU: Rheinland-Pfalz, Guntersblum, Lorenzwiese, 49,814737 | 8,380997. 1995. Det. by a taxonomist.

Geraniaceae

584 *Erodium cicutarium* (L.) L'Hér.

Acc: 190044620, Ipen: XX-0-MJG-19--44620. Det. by a taxonomist.

585 *Geranium dalmaticum* (Beck) Rech.f.

Acc: 190033290, Ipen: XX-0-MJG-19--33290. Det. by a taxonomist.

586 *Geranium dissectum* L.

Acc: 190069630, Ipen: XX-0-MJG-19--69630. Det. by a taxonomist.

587 *Geranium macrorrhizum* L.

Acc: 190033070, Ipen: XX-0-MJG-19--33070. Det. by a taxonomist.

588 *Geranium nodosum* L.

Acc: 190037880, Ipen: XX-0-MJG-190037880. Det. by a taxonomist.

589 *Geranium renardii* Trautv.

Acc: 190033330, Ipen: XX-0-MJG-19--33330. Det. by a taxonomist.

590 *Geranium sibiricum* L.

Acc: 200105806, Ipen: XX-0-MJG-200105806. Det. by a taxonomist.

591 *Pelargonium crithmifolium* Sm.

Acc: 190055570, Ipen: XX-0-MJG-19--55570. Det. by a taxonomist.

592 *Pelargonium echinatum* Curtis

Acc: 190062450, Ipen: XX-0-MJG-19--62450. Det. by a taxonomist.

593 *Pelargonium klinghardtense* R.Knuth

Acc: 190055660, Ipen: XX-0-MJG-19--55660. Det. by a taxonomic specialist.

Gesneriaceae

594 *Rhytidophyllum tomentosum* (L.) G.Don

Acc: 190023710, Ipen: XX-0-MJG-19--23710. Det. by a taxonomist.

Grossulariaceae

595 *Ribes alpinum* L.

Acc: 200811505, Ipen: 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.

596 *Ribes amarum* McClatchie

- Acc: 197112560, lpen: XX-0-MJG-197112560. Det. by a taxonomist.
- 597 *Ribes aureum* Pursh**
Acc: 195012250, lpen: XX-0-MJG-195012250. Det. by a taxonomist.
- 598 *Ribes cereum* Douglas**
Acc: 199212680, lpen: US-0-MJG-199212680, USA: SW-Oregon, Siskiyou, Hochlage, 123 20' W 42 20' N, ca. 6500 ft.; 123 20'W, 42 20'N. Det. by a taxonomist.
- 599 *Ribes divaricatum* Douglas**
Acc: 195012260, lpen: XX-0-MJG-195012260. Det. by a taxonomist.
- 600 *Ribes sanguineum* Pursh**
Acc: 195012460, lpen: XX-0-MJG-195012460. Det. by a taxonomist.
- 601 *Ribes sanguineum* Pursh var. *glutinosum* (Benth.) Loudon**
Acc: 195012470, lpen: XX-0-MJG-195012470. Det. by a taxonomist.
- 602 *Ribes sinanense* F.Maek.**
Acc: 198007110, lpen: JP-0-MJG-198007110, JPN: without locality, 1975. Det. by a taxonomist.

Hamamelidaceae

- 603 *Parrotiopsis jacquemontiana* (Decne.) Rehder**
Acc: 195005080, lpen: XX-0-MJG-195005080. Det. by a taxonomist.

Helwingiaceae

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

Hydrangeaceae

- 605 *Hydrangea anomala* D.Don**
Acc: 190014660, lpen: XX-0-MJG-190014660. Det. by a taxonomist.
- 606 *Hydrangea petiolaris* Siebold & Zucc.**
Acc: 195017280, lpen: XX-0-MJG-195017280. Det. by a taxonomist.
- 607 *Philadelphus subcanus* var. *magdalenae* (Koehne) S.Y.Hu**
Acc: 198431260, lpen: XX-0-MJG-198431260. Det. by a taxonomist.

Hypericaceae

- 608 *Hypericum androsaemum* L.**
Acc: 197015960, lpen: XX-0-MJG-197015960. Det. by a taxonomist.
- 609 *Hypericum balearicum* L.**
Acc: 190034580, lpen: XX-0-MJG-19--34580. Det. by a taxonomist.
- 610 *Hypericum hookerianum* Wight & Arn.**
Acc: 197008140, lpen: XX-0-MJG-197008140. Det. by a taxonomist.
- 611 *Hypericum orientale* L.**
Acc: 199702915, lpen: XX-0-MJG-199702915. Det. by a taxonomist.

Iridaceae

- 612 *Aristea ecklonii* Baker**
Acc: 199822001, lpen: XX-0-MJG-199822001. Det. by a taxonomist.
- 613 *Crocus angustifolius* Weston**

- Acc: 201410806, lpen: XX-0-MJG-201410806. Det. by a taxonomist.
- 614 *Cypella herbertii* (Lindl.) Herb.**
Acc: 200213401, lpen: XX-0-MJG-200213401. Det. by a taxonomist.
- 615 *Iris dichotoma* Pall.**
Acc: 201301101, lpen: XX-0-MJG-201301101. Det. by a taxonomist.
- 616 *Iris domestica* (L.) Goldblatt & Mabb.**
Acc: 190066940, lpen: XX-0-MJG-19--66940. Det. by a taxonomist.
- 617 *Iris marsica* I.Ricci & Colas.**
Acc: 200508913, lpen: IT-0-MJG-200508913, ITA: Abruzzi, L'Aquila, Monte Pizzalto, 1400 m. Det. by a taxonomist.
- 618 *Iris ruthenica* Ker Gawl.**
Acc: 190066920, lpen: XX-0-MJG-19--66920. Det. by a taxonomist.
- 619 *Iris sibirica* L.**
Acc: 190033440, lpen: XX-0-MJG-19--33440. Det. by a taxonomist.
- 620 *Sisyrinchium striatum* Sm.**
Acc: 190044730, lpen: XX-0-MJG-19--44730. Det. by a taxonomist.
- 621 *Tritonia crocata* (L.) Ker-Gawl.**
Acc: 200207705, lpen: XX-0-MJG-200207705. Det. by a taxonomist.

Juglandaceae

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

Juncaceae

- 623 *Juncus bufonius* L.**
Acc: 190067080, lpen: XX-0-MJG-19--67080. Det. by a taxonomist.
- 624 *Juncus effusus* L.**
Acc: 190067060, lpen: XX-0-MJG-19--67060. Det. by a taxonomist.
- 625 *Juncus gerardii* Loisel.**
Acc: 199818701, lpen: DE-0-MJG-199818701, DEU: Thüringen. G. Dubitzki. Det. by a taxonomist.
- 626 *Juncus inflexus* L.**
Acc: 190038120, lpen: XX-0-MJG-19--38120. Det. by a taxonomist.
- 627 *Juncus maritimus* Lam.**
Acc: 190044740, lpen: XX-0-MJG-19--44740. Det. by a taxonomist.
- 628 *Luzula campestris* (L.) DC.**
Acc: 199806601, lpen: FR-0-MJG-199806601, FRA: Dep. Calvados, Mont Picon (landes). 1997. Det. by a taxonomist.
- 629 *Luzula forsteri* (Sm.) DC.**
Acc: 190020210, lpen: XX-0-MJG-19--20210. Det. by a taxonomist.
- 630 *Luzula nivea* (L.) DC.**
Acc: 190038590, lpen: XX-0-MJG-19--38590. Det. by a taxonomist.
- 631 *Luzula pilosa* (L.) Willd.**
Acc: 190067090, lpen: XX-0-MJG-19--67090. Det. by a taxonomist.

Juncaginaceae

- 632 ***Triglochin maritima* L.**
Acc: 190020990, lpen: XX-0-MJG-19--20990. Det. by a taxonomist.
- 633 ***Triglochin palustris* L.**
Acc: 190021000, lpen: XX-0-MJG-19--21000. Det. by a taxonomist.
- 634 ***Triglochin scilloides* (Poir.) Mering & Kadereit**
Acc: 190064130, lpen: XX-0-MJG-19--64130. Det. by a taxonomist.

Lamiaceae

- 635 ***Ajuga chamaepitys* (L.) Schreb.**
Acc: 199801115, lpen: XX-0-MJG-199801115. Det. by a taxonomist.
- 636 ***Ajuga genevensis* L.**
Acc: 200912502, lpen: XX-0-MJG-200912502. Det. by a taxonomist.
- 637 ***Amethystea caerulea* L.**
Acc: 190044750, lpen: XX-0-MJG-19--44750. Det. by a taxonomist.
- 638 ***Betonica alopecuroides* L.**
Acc: 200004112, lpen: XX-0-MJG-200004112. Det. by a taxonomist.
- 639 ***Betonica macrantha* K.Koch**
Acc: 190045050, lpen: XX-0-MJG-19--45050. Det. by a taxonomist.
- 640 ***Betonica officinalis* L. subsp. *officinalis***
Acc: 190044760, lpen: XX-0-MJG-19--44760. Det. by a taxonomist.
- 641 ***Blephilia ciliata* L.) Benth.**
Acc: 201303305, lpen: US-0-HBG-2010-F-311, USA: Missouri; Shaw Nature Reserve.
Det. by a taxonomist.
- 642 ***Callicarpa japonica* Thunb.**
Acc: 195006800, lpen: XX-0-MJG-195006800. Det. by a taxonomist.
- 643 ***Clerodendrum speciosissimum* Drapiez**
Acc: 190026700, lpen: XX-0-MJG-19--26700. Det. by a taxonomist.
- 644 ***Clinopodium thymifolium* (Scop.) Kuntze**
Acc: 200803102, lpen: IT-0-MJG-200803102, ITA: Friuli-Venezia Giulia, Triest, Sistiana, 75 m. Det. by a taxonomist.
- 645 ***Dracocephalum moldavicum* L.**
Acc: 190043310, lpen: XX-0-MJG-19--43310. Det. by a taxonomist.
- 646 ***Dracocephalum rupestre* Hance**
Acc: 190069510, lpen: XX-0-MJG-19--69510. Det. by a taxonomist.
- 647 ***Elsholtzia stauntonii* Benth.**
Acc: 195010630, lpen: XX-0-MJG-195010630. Det. by a taxonomist.
- 648 ***Galeopsis angustifolia* Ehrh. ex Hoffm.**
Acc: 190044790, lpen: XX-0-MJG-19--44790. Det. by a taxonomist.
- 649 ***Galeopsis pubescens* Besser**
Acc: 200307024, lpen: XX-0-MJG-200307024. Det. by a taxonomist.
- 650 ***Horminum pyrenaicum* L.**
Acc: 190033020, lpen: XX-0-MJG-19--33020. Det. by a taxonomist.
- 651 ***Hyssopus officinalis* L.**
Acc: 190044820, lpen: XX-0-MJG-19--44820. Det. by a taxonomist.
- 652 ***Isodon japonicus* var. *glaucocalyx* (Maxim.) H.W.Li**
Acc: 200208703, lpen: XX-0-MJG-200208703. Det. by a horticulturist.
- 653 ***Lallemantia canescens* (L.) Fisch. & C.A.Mey.**
Acc: 190036020, lpen: XX-0-MJG-19--36020. Det. by a taxonomist.

- 654 *Lavandula angustifolia* Mill.**
Acc: 190001550, Ipen: XX-0-MJG-19--01550. Det. by a taxonomist.
- 655 *Lavandula multifida* L.**
Acc: 190035900, Ipen: XX-0-MJG-19--35900. Det. by a taxonomist.
- 656 *Leonurus quinquelobatus* Gilib.**
Acc: 200914501, Ipen: DE-0-MJG-200914501, DEU: Rheinland-Pfalz, Landkreis Mainz-Bingen, Appenheim, Gemarkung "Westerberg". 2009. H. Ihm. Det. by a taxonomist.
- 657 *Marrubium incanum* Desr.**
Acc: 200601404, Ipen: ES-0-BONN-4178, ESP: Costa Blanca Urbanizacion La Zenia. Det. by a taxonomist.
- 658 *Marrubium peregrinum* L.**
Acc: 190064000, Ipen: XX-0-MJG-19--64000. Det. by a taxonomist.
- 659 *Marrubium vulgare* L.**
Acc: 190044850, Ipen: XX-0-MJG-19--44850. Det. by a taxonomist.
- 660 *Melittis melissophyllum* L.**
Acc: 190037820, Ipen: XX-0-MJG-190037820. Det. by a taxonomist.
- 661 *Mentha arvensis* L.**
Acc: 190058600, Ipen: XX-0-MJG-190058600. Det. by a taxonomist.
- 662 *Mentha cervina* L.**
Acc: 200802414, Ipen: FR-0-MJG-200802414, FRA: Dept. Herault, 2007. Det. by a taxonomist.
- 663 *Moluccella laevis* L.**
Acc: 200206002, Ipen: XX-0-MJG-200206002. Det. by a taxonomist.
- 664 *Monarda fistulosa* L.**
Acc: 190050570, Ipen: XX-0-MJG-19--50570. Det. by a taxonomist.
- 665 *Nepeta grandiflora* M.Bieb.**
Acc: 190044860, Ipen: XX-0-MJG-19--44860. Det. by a taxonomist.
- 666 *Nepeta nuda* L. subsp. *nuda***
Acc: 200812529, Ipen: 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.
- 667 *Ocimum basilicum* L.**
Acc: 190025840, Ipen: XX-0-MJG-19--25840. Det. by a taxonomist.
- 668 *Origanum vulgare* L.**
Acc: 200710708, Ipen: DE-0-MJG-200710708, DEU: Rheinland-Pfalz, Gangelberg bei Duchroth an der Nahe, 49,788939 | 7,739954. 2007. R. Omlor. Det. by a taxonomist.
- 669 *Perilla frutescens* var. *crispa* (Thunb.) H.Deane**
Acc: 190069470, Ipen: XX-0-MJG-19--69470. Det. by a taxonomist.
- 670 *Phlomis fruticosa* L.**
Acc: 190001410, Ipen: XX-0-MJG-19--01410. Det. by a taxonomist.
- 671 *Physostegia virginiana* (L.) Benth.**
Acc: 190044880, Ipen: XX-0-MJG-19--44880. Det. by a taxonomist.
- 672 *Prunella laciniata* (L.) L.**
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.
- 673 *Salvia argentea* L.**
Acc: 190044920, Ipen: XX-0-MJG-19--44920. Det. by a taxonomist.
- 674 *Salvia austriaca* Jacq.**
Acc: 200805305, Ipen: RO-0-M-2005/0305, ROU: Cluj, Satu. 2004. Det. by a taxonomist.

- 675 *Salvia coccinea* Buc'hoz ex Etl.**
Acc: 190044930, Ipen: XX-0-MJG-19--44930. Det. by a taxonomist.
- 676 *Salvia daghestanica* Sosn.**
Acc: 200302106, Ipen: RU-0-MJG-200302106, RUS: Republic of Dagestan, Ost-Kaukasus, Dazavgiss, 1000 m. 1986. Det. by a taxonomic specialist.
- 677 *Salvia judaica* Boiss.**
Acc: 200906910, Ipen: IL-0-MJG-200906910, ISR: Jerusalem District, Jerusalem. Det. by a taxonomic specialist.
- 678 *Salvia jurisicii* Kosanin**
Acc: 199627710, Ipen: XX-0-MJG-199627710. Det. by a taxonomist.
- 679 *Salvia nemorosa* L.**
Acc: 190044960, Ipen: XX-0-MJG-19--44960. Det. by a taxonomist.
- 680 *Salvia officinalis* L.**
Acc: 190049750, Ipen: XX-0-MJG-19--49750. Det. by a taxonomist.
- 681 *Salvia patens* Cav.**
Acc: 190050450, Ipen: XX-0-MJG-190050450. Det. by a taxonomist.
- 682 *Salvia pratensis* L.**
Acc: 200809901, Ipen: DE-0-MJG-200809901, DEU: Rheinland-Pfalz, Mainz, Stadtgebiet Mainz. 2008-06-06. B. Meyer. Det. by a horticulturist.
- 683 *Salvia scabra* Thunb.**
Acc: 199817703, Ipen: XX-0-MJG-199817703. Det. by a taxonomic specialist.
- 684 *Salvia sclarea* L.**
Acc: 200707107, Ipen: TR-0-MJG-200707107, TUR: Burdur, près du lac de Burdur. 2006. Det. by a horticulturist.
- 685 *Salvia splendens* Roemer & J.A.Schultes**
Acc: 190044980, Ipen: XX-0-MJG-19--44980. Det. by a taxonomist.
- 686 *Salvia transsylvanica* (Schur ex Griseb. & Schenk) Schur**
Acc: 200907613, Ipen: XX-0-MJG-200907613. Det. by a taxonomic specialist.
- 687 *Salvia verticillata* L.**
Acc: 190039270, Ipen: XX-0-MJG-19--39270. Det. by a taxonomist.
- 688 *Salvia viridis* L.**
Acc: 200709503, Ipen: IL-0-B-0891096, ISR: without locality. Det. by a taxonomic specialist.
- 689 *Satureja montana* L.**
Acc: 198801770, Ipen: XX-0-MJG-198801770. Det. by a taxonomist.
- 690 *Scutellaria alpina* L.**
Acc: 190025800, Ipen: XX-0-MJG-19--25800. Det. by a taxonomist.
- 691 *Scutellaria baicalensis* Georgi**
Acc: 190066820, Ipen: XX-0-MJG-19--66820. Det. by a taxonomist.
- 692 *Scutellaria galericulata* L.**
Acc: 190045020, Ipen: XX-0-MJG-19--45020. Det. by a taxonomist.
- 693 *Stachys germanica* L.**
Acc: 190045040, Ipen: XX-0-MJG-19--45040. Det. by a taxonomist.
- 694 *Stachys recta* L.**
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.
- 695 *Teucrium botrys* L.**
Acc: 190045070, Ipen: XX-0-MJG-19--45070. Det. by a taxonomist.
- 696 *Thymus vulgaris* L.**

Acc: 190001530, lpen: XX-0-MJG-19--01530. Det. by a taxonomist.

Liliaceae

697 *Lilium henryi* Baker

Acc: 190066990, lpen: XX-0-MJG-19--66990. Det. by a taxonomist.

698 *Lilium regale* E.H.Wilson

Acc: 190067000, lpen: XX-0-MJG-19--67000. Det. by a taxonomist.

Limnanthaceae

699 *Limnanthes douglasii* R.Br.

Acc: 200801003, lpen: XX-0-MJG-200801003. Det. by a taxonomist.

Linaceae

700 *Linum austriacum* L.

Acc: 199704709, lpen: XX-0-MJG-199704709. Det. by a taxonomic specialist.

701 *Linum flavum* L.

Acc: 200005820, lpen: XX-0-MJG-200005820. Det. by a taxonomic specialist.

702 *Linum grandiflorum* Desf.

Acc: 199809602, lpen: XX-0-MJG-199809602. Det. by a taxonomic specialist.

703 *Linum hirsutum* L. subsp. *hirsutum*

Acc: 201011210, lpen: UA-0-MJG-201011210, UKR: Vinnytsia, Chechelnytsky district, Romashkovo, 48,24592 | 29,30517. Det. by a taxonomist.

704 *Linum perenne* L.

Acc: 200916701, lpen: DE-0-MJG-200916701, DEU: Hessen, Darmstadt, Pfungstädter Düne. 2009-07-21. M. Repplinger. Det. by a taxonomic specialist.

705 *Linum usitatissimum* L.

Acc: 190035880, lpen: XX-0-MJG-19--35880. Det. by a taxonomic specialist.

Loasaceae

706 *Blumenbachia hieronymi* Urb.

Acc: 200105808, lpen: XX-0-MJG-200105808. Det. by a taxonomist.

707 *Caioophora lateritia* (Hook.) Klotzsch

Acc: 190035990, lpen: XX-0-MJG-19--35990. Det. by a taxonomist.

708 *Nasa triphylla* (Juss.) Weigend

Acc: 199702509, lpen: XX-0-MJG-199702509. Det. by a taxonomist.

Lythraceae

709 *Cuphea procumbens* Cav.

Acc: 190069680, lpen: XX-0-MJG-19--69680. Det. by a taxonomist.

710 *Lythrum hyssopifolia* L.

Acc: 190069660, lpen: XX-0-MJG-19--69660. Det. by a taxonomist.

711 *Lythrum salicaria* L.

Acc: 190023120, lpen: XX-0-MJG-19--23120. Det. by a taxonomist.

712 *Trapa natans* L.

Acc: 200801516, lpen: XX-0-MJG-200801516. Det. by a taxonomist.

Malvaceae

- 713 *Abelmoschus esculentus* (L.) Moench 'Kulturform'**
Acc: 190054270, lpen: XX-0-MJG-19--54270. Det. by a taxonomist.
- 714 *Abelmoschus esculentus* (L.) Moench 'Wildform'**
Acc: 190054230, lpen: XX-0-MJG-19--54230. Det. by a taxonomist.
- 715 *Abelmoschus moschatus* Medik.**
Acc: 200307006, lpen: XX-0-MJG-200307006. Det. by a taxonomist.
- 716 *Abutilon theophrasti* Medik.**
Acc: 190045100, lpen: XX-0-MJG-19--45100. Det. by a taxonomist.
- 717 *Althaea officinalis* L.**
Acc: 190077030, lpen: XX-0-MJG-190077030. Det. by a taxonomist.
- 718 *Althaea officinalis* L.**
Acc: 190050020, lpen: XX-0-MJG-19--50020. Det. by a taxonomist.
- 719 *Anoda cristata* (L.) Schidl.**
Acc: 190045110, lpen: XX-0-MJG-19--45110. Det. by a taxonomist.
- 720 *Brachychiton populneus* (Schott & Endl.) R.Br.**
Acc: 200016518, lpen: XX-0-MJG-200016518. Det. by a taxonomist.
- 721 *Corchorus capsularis* L.**
Acc: 190039200, lpen: XX-0-MJG-19--39200. Det. by a taxonomist.
- 722 *Corchorus olitorius* L.**
Acc: 190054240, lpen: XX-0-MJG-19--54240. Det. by a taxonomist.
- 723 *Entelea arborescens* R.Br.**
Acc: 190045780, lpen: XX-0-MJG-19--45780. Det. by a taxonomist.
- 724 *Gossypium herbaceum* L.**
Acc: 199803503, lpen: XX-0-MJG-199803503. Det. by a taxonomist.
- 725 *Gossypium hirsutum* L.**
Acc: 199739350, lpen: GR-0-MJG-199739350, GRC: without locality. 1997. U. Hecker. Det. by a taxonomist.
- 726 *Hibiscus calyphyllus* Cav.**
Acc: 190027070, lpen: XX-0-MJG-19--27070. Det. by comparison.
- 727 *Hibiscus sabdariffa* L.**
Acc: 190054250, lpen: XX-0-MJG-19--54250. Det. by a taxonomist.
- 728 *Hibiscus trionum* L.**
Acc: 190045120, lpen: XX-0-MJG-19--45120. Det. by a taxonomist.
- 729 *Kitaibelia vitifolia* Willd.**
Acc: 190047480, lpen: XX-0-MJG-19--47480. Det. by a taxonomist.
- 730 *Malope trifida* Cav.**
Acc: 190069060, lpen: XX-0-MJG-19--69060. Det. by a taxonomist.
- 731 *Malva alcea* L.**
Acc: 200109320, lpen: DE-0-MJG-200109320, DEU: Brandenburg, Luckau. Det. by a taxonomist.
- 732 *Malva pusilla* Sm.**
Acc: 190063640, lpen: XX-0-MJG-19--63640. Det. by a taxonomist.
- 733 *Malva trimestris* (L.) Salisb.**
Acc: 190036000, lpen: XX-0-MJG-19--36000. Det. by a taxonomist.
- 734 *Sida rhombifolia* L.**
Acc: 190028750, lpen: XX-0-MJG-19--28750. Det. by a taxonomist.
- 735 *Tilia cordata* Miller**
Acc: 195000260, lpen: XX-0-MJG-195000260. Det. by a taxonomist.

Marantaceae

736 *Marantochloa leucantha* (K.Schum.) Milne-Redh.

Acc: 190054130, lpen: XX-0-MJG-19--54130. Det. by a taxonomist.

Martyniaceae

737 *Ibicella lutea* (Lindl.) Van Eselt.

Acc: 200601415, lpen: XX-0-BONN-12688. Det. by a taxonomist.

738 *Proboscidea louisianica* (Mill.) Thell.

Acc: 200205701, lpen: XX-0-MJG-200205701. Det. by a taxonomist.

Mazaceae

739 *Mazus miquelii* Makino

Acc: 190066360, lpen: XX-0-MJG-19--66360. Det. by a taxonomist.

Melanthiaceae

740 *Anticlea elegans* (Pursh) Rydb. subsp. *elegans*

Acc: 190066310, lpen: XX-0-MJG-19--66310. Det. by a taxonomist.

741 *Anticlea elegans* subsp. *glauca* (Nutt.) A.Haines

Acc: 190066170, lpen: XX-0-MJG-19--66170. Det. by a taxonomist.

742 *Veratrum nigrum* L.

Acc: 190045150, lpen: XX-0-MJG-19--45150. Det. by a taxonomist.

Melastomataceae

743 *Calvoa orientalis* Taub.

Acc: 190057420, lpen: XX-0-MJG-19--57420. Det. by a taxonomist.

Menispermaceae

744 *Menispermum canadense* L.

Acc: 195517210, lpen: XX-0-MJG-195517210. Det. by a taxonomist.

745 *Menispermum dauricum* DC.

Acc: 195517220, lpen: XX-0-MJG-195517220. Det. by a taxonomist.

Menyanthaceae

746 *Menyanthes trifoliata* L.

Acc: 190063490, lpen: XX-0-MJG-19--63490. Det. by a taxonomist.

Molluginaceae

747 *Mollugo verticillata* L.

Acc: 199809504, lpen: XX-0-MJG-199809504. Det. by a taxonomist.

Montiaceae

748 *Calandrinia ciliata* var. *menziesii* (Hook.) J.F.Macbr.

- Acc: 190052220, lpen: XX-0-MJG-19--52220. Det. by a taxonomist.
- 749 *Cistanthe grandiflora* (Lindl.) Schltld.**
Acc: 190045580, lpen: XX-0-MJG-19--45580. Det. by a taxonomist.
- 750 *Claytonia perfoliata* Donn ex Willd.**
Acc: 199645590, lpen: XX-0-MJG-199645590. Det. by a taxonomist.

Moraceae

- 751 *Broussonetia kazinoki* Siebold**
Acc: 199631370, lpen: XX-0-MJG-199631370. Det. by a taxonomist.

Myrtaceae

- 752 *Psidium guajava* L.**
Acc: 199528410, lpen: XX-0-MJG-199528410. Det. by a taxonomist.

Nartheciaceae

- 753 *Narthecium ossifragum* (L.) Huds.**
Acc: 201600328, lpen: XX-0-MJG-201600328. Det. by a taxonomist.

Nyctaginaceae

- 754 *Mirabilis jalapa* L.**
Acc: 190069260, lpen: XX-0-MJG-19--69260. Det. by a taxonomist.
- 755 *Mirabilis longiflora* L.**
Acc: 190022960, lpen: XX-0-MJG-19--22960. Det. by a taxonomist.
- 756 *Mirabilis viscosa* Cav.**
Acc: 190045170, lpen: XX-0-MJG-19--45170. Det. by a taxonomist.
- 757 *Oxybaphus nyctagineus* (Michx.) Sweet**
Acc: 200801004, lpen: XX-0-MJG-200801004. Det. by a taxonomist.

Nyssaceae

- 758 *Davidia involucrata* Baill.**
Acc: 195017581, lpen: XX-0-MJG-195017581. Det. by a taxonomist.

Oleaceae

- 759 *Chrysojasminum fruticans* (L.) Banfi**
Acc: 195001330, lpen: XX-0-MJG-195001330. Det. by a taxonomist.
- 760 *Fontanesia phillyreoides* Labill.**
Acc: 198305240, lpen: XX-0-MJG-198305240. Det. by a taxonomist.
- 761 *Forsythia giralddiana* Lingelsh.**
Acc: 195010570, lpen: XX-0-MJG-195010570. Det. by a taxonomist.
- 762 *Fraxinus xanthoxyloides* (G.Don) A.DC.**
Acc: 197603370, lpen: XX-0-MJG-197603370. Det. by a taxonomist.
- 763 *Osmanthus armatus* Diels**
Acc: 190016690, lpen: XX-0-MJG-19--16690. Det. by a taxonomist.
- 764 *Phillyrea latifolia* L.**

Acc: 195019420, lpen: XX-0-MJG-195019420. Det. by a taxonomist.

Onagraceae

- 765 *Boisduvalia densiflora* (Lindl.) S.Watson**
Acc: 190045180, lpen: XX-0-MJG-19--45180. Det. by a taxonomist.
- 766 *Circaea lutetiana* L. subsp. *canadensis* (L.) Asch. & Magnus**
Acc: 190063800, lpen: XX-0-MJG-19--63800. Det. by a taxonomist.
- 767 *Clarkia pulchella* Pursh**
Acc: 199803112, lpen: XX-0-MJG-199803112. Det. by a taxonomist.
- 768 *Clarkia unguiculata* Lindl.**
Acc: 190034390, lpen: XX-0-MJG-19--34390. Det. by a taxonomist.
- 769 *Epilobium angustifolium* L.**
Acc: 201700114, lpen: AT-0-MJG-201700114, AUT: Niederösterreich, Schneeberg, 700 - 2050 m. 2016-09. Det. by a horticulturist.
- 770 *Epilobium hirsutum* L.**
Acc: 190023330, lpen: XX-0-MJG-19--23330. Det. by a taxonomist.
- 771 *Fuchsia procumbens* R.Cunn.**
Acc: 201100503, lpen: XX-0-MJG-201100503. Det. by a taxonomist.
- 772 *Lopezia racemosa* Cav.**
Acc: 190045190, lpen: XX-0-MJG-19--45190. Det. by a taxonomist.
- 773 *Ludwigia suffruticosa* (L.) L.D.Gomez**
Acc: 190023100, lpen: XX-0-MJG-19--23100. Det. by a taxonomist.
- 774 *Oenothera acaulis* Cav.**
Acc: 190041340, lpen: XX-0-MJG-19--41340. Det. by a taxonomist.
- 775 *Oenothera fruticosa* L.**
Acc: 200200422, lpen: XX-0-MJG-200200422. Det. by a taxonomist.
- 776 *Oenothera macrocarpa* Nutt. subsp. *macrocarpa***
Acc: 190033830, lpen: XX-0-MJG-19--33830. Det. by a taxonomist.
- 777 *Oenothera oakesiana* (A.Gray) J.W.Robbins ex S.Watson & J.M.Coult.**
Acc: 200803811, lpen: DE-0-MJG-200803811, DEU: Hamburg, Steinwerder, Hafen.
Det. by a taxonomist.
- 778 *Oenothera tetraptera* Cav.**
Acc: 200115611, lpen: BO-0-MJG-200115611, BOL: without locality. Det. by a taxonomist.

Orchidaceae

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

Orobanchaceae

- 781 *Orobanche hederæ* Vaucher ex Duby**
Acc: 190023090, lpen: XX-0-MJG-19--23090. Det. by a taxonomist.
- 782 *Rhinanthus alectorolophus* (Scop.) Pollich**
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

783 *Paeonia mlokosewitschii* Lomakin

Acc: 190061390, lpen: XX-0-MJG-19--61390. Det. by a taxonomist.

Papaveraceae

784 *Argemone platyceras* Link & Otto

Acc: 190045210, lpen: XX-0-MJG-19--45210. Det. by a taxonomist.

785 *Capnoides sempervirens* (L.) Borkh.

Acc: 190044610, lpen: XX-0-MJG-19--44610. Det. by a taxonomist.

786 *Chelidonium majus* L.

Acc: 190058680, lpen: XX-0-MJG-19--58680. Det. by a taxonomist.

787 *Corydalis ophiocarpa* Hook.f. & Thomson

Acc: 190063780, lpen: XX-0-MJG-190063780. Det. by a taxonomist.

788 *Dicranostigma leptopodum* (Maxim.) Fedde

Acc: 190069590, lpen: XX-0-MJG-19--69590. Det. by a taxonomist.

789 *Eschscholzia californica* Cham.

Acc: 190022980, lpen: XX-0-MJG-19--22980. Det. by a taxonomist.

790 *Glaucium flavum* Crantz

Acc: 190069540, lpen: XX-0-MJG-19--69540. Det. by a taxonomist.

791 *Hypecoum leptocarpum* Hook.f. & Thomson

Acc: 190069580, lpen: XX-0-MJG-19--69580. Det. by a taxonomist.

792 *Lamprocapnos spectabilis* (L.) Fukuhara 'Alba'

Acc: 199811501, lpen: XX-0-MJG-199811501. Det. by a horticulturist.

793 *Papaver armeniacum* (L.) DC.

Acc: 190056440, lpen: XX-0-MJG-19--56440. Det. by a taxonomist.

794 *Papaver atlanticum* (Ball) Coss.

Acc: 190047250, lpen: XX-0-MJG-19--47250. Det. by a taxonomist.

795 *Papaver bracteatum* Lindl.

Acc: 199702510, lpen: XX-0-MJG-199702510. Det. by a taxonomist.

796 *Papaver cambricum* L.

Acc: 190020220, lpen: XX-0-MJG-19--20220. Det. by a taxonomist.

797 *Papaver pilosum* subsp. *spicatum* (Boiss. & Balansa) N.Wendt ex Kadereit

Acc: 190047260, lpen: XX-0-MJG-19--47260. Det. by a taxonomist.

Passifloraceae

798 *Passiflora quadrangularis* L.

Acc: 190039220, lpen: XX-0-MJG-19--39220. Det. by a taxonomist.

799 *Passiflora suberosa* L.

Acc: 190026610, lpen: XX-0-MJG-19--26610. Det. by a taxonomist.

Pedaliaceae

800 *Ceratotheca triloba* E.Meyer ex Bernhard

Acc: 190069390, lpen: XX-0-MJG-19--69390. Det. by a taxonomist.

801 *Sesamum indicum* L.

Acc: 190038170, lpen: XX-0-MJG-19--38170. Det. by a taxonomist.

Penthoraceae

802 *Penthorum sedoides* L.

Acc: 190037870, lpen: XX-0-MJG-19--37870. Det. by a taxonomist.

Phrymaceae

803 *Mimulus aurantiacus* Curtis

Acc: 200916501, lpen: US-0-MJG-200916501, USA: Kalifornien. 2010. G. Kadereit & J.W. Kadereit. Det. by a taxonomist.

804 *Mimulus guttatus* Fisch. ex DC.

Acc: 190064030, lpen: XX-0-MJG-19--64030. Det. by a taxonomist.

805 *Mimulus moschatus* Douglas ex Lindl.

Acc: 200309006, lpen: XX-0-MJG-200309006. Det. by a taxonomist.

806 *Phryma leptostachya* L.

Acc: 190069410, lpen: XX-0-MJG-19--69410. Det. by a taxonomist.

Phytolaccaceae

807 *Phytolacca acinosa* Roxb.

Acc: 190043140, lpen: XX-0-MJG-19--43140. Det. by a taxonomist.

Plantaginaceae

808 *Digitalis purpurea* L.

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.

809 *Digitalis purpurea* L. 'Campanulata'

Acc: 199905701, lpen: XX-0-MJG-199905701. Det. by a horticulturist.

810 *Erinus alpinus* L.

Acc: 190032980, lpen: XX-0-MJG-19--32980. Det. by a taxonomist.

811 *Globularia bisnagarica* L.

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.

812 *Globularia nudicaulis* L.

Acc: 190046520, lpen: XX-0-MJG-19--46520. Det. by a taxonomist.

813 *Gratiola officinalis* L.

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.

814 *Hebe pimeleoides* (Hook.f.) Cockayne & Allan

Acc: 190019650, lpen: XX-0-MJG-19--19650. Det. by a taxonomist.

815 *Linaria genistifolia* (L.) Mill. subsp. *genistifolia*

Acc: 199700709, lpen: AT-0-MJG-199700709, AUT: Burgenland, St. Margareten, Kalkflora, 220 m. Det. by a taxonomist.

816 *Linaria repens* (L.) Mill.

Acc: 200701203, lpen: XX-0-MJG-200701203. Det. by a taxonomist.

817 *Maurandya barclaiana* Lindl.

Acc: 190063350, lpen: XX-0-MJG-19--63350. Det. by a taxonomist.

818 *Misopates orontium* (L.) Raf.

Acc: 190041580, lpen: XX-0-MJG-19--41580. Det. by a taxonomist.

- 819 ***Penstemon campanulatus* (Cav.) Willd.**
Acc: 199700803, lpen: XX-0-MJG-199700803. Det. by a taxonomist.
- 820 ***Penstemon digitalis* (Sweet) Nutt.**
Acc: 190063310, lpen: XX-0-MJG-19--63310. Det. by a taxonomist.
- 821 ***Penstemon procerus* Douglas ex Graham**
Acc: 190043260, lpen: XX-0-MJG-19--43260. Det. by a taxonomist.
- 822 ***Penstemon serrulatus* Menzel ex Sm.**
Acc: 190043250, lpen: XX-0-MJG-19--43250. Det. by a taxonomist.
- 823 ***Plantago lanceolata* L.**
Acc: 190036850, lpen: XX-0-MJG-19--36850. Det. by a taxonomist.
- 824 ***Plantago major* L.**
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.
- 825 ***Veronica gentianoides* Vahl**
Acc: 190031140, lpen: XX-0-MJG-19--31140. Det. by a taxonomist.
- 826 ***Veronica longifolia* L.**
Acc: 190047730, lpen: XX-0-MJG-19--47730. Det. by a taxonomist.
- 827 ***Veronica officinalis* L.**
Acc: 199703204, lpen: XX-0-MJG-199703204. Det. by a taxonomist.
- 828 ***Veronica teucrium* L.**
Acc: 190047740, lpen: XX-0-MJG-19--47740. Det. by a taxonomist.
- 829 ***Veronica urticifolia* Jacq.**
Acc: 190043100, lpen: XX-0-MJG-19--43100. Det. by a taxonomist.
- 830 ***Veronicastrum virginicum* (L.) Farw.**
Acc: 190056590, lpen: XX-0-MJG-19--56590. Det. by a taxonomist.
- 831 ***Wulfenia carinthiaca* Jacq.**
Acc: 190049740, lpen: XX-0-MJG-19--49740. Det. by a taxonomic specialist.

Plumbaginaceae

- 832 ***Limonium platyphyllum* Lincz.**
Acc: 200915805, lpen: RU-0-MJG-200915805, RUS: Rostov Oblast, without locality. Det. by a taxonomist.
- 833 ***Psylliostachys spicata* (Willd.) Nevski**
Acc: 201306308, lpen: IL-0-MJG-201306308, ISR: Jordan Valley. Det. by a taxonomist.
- 834 ***Psylliostachys suworowii* (Regel) Roshkova**
Acc: 190047600, lpen: XX-0-MJG-19--47600. Det. by a taxonomist.

Poaceae

- 835 ***Achnatherum miliaceum* (L.) P.Beauv.**
Acc: 190043160, lpen: XX-0-MJG-19--43160. Det. by a taxonomist.
- 836 ***Aegilops geniculata* Roth**
Acc: 190021580, lpen: XX-0-MJG-19--21580. Det. by a taxonomist.
- 837 ***Aegilops speltoides* Tausch**
Acc: 190021570, lpen: XX-0-MJG-19--21570. Det. by a taxonomist.
- 838 ***Aegilops triuncialis* L.**
Acc: 201202603, lpen: XX-0-MJG-201202603. Det. by a taxonomist.

- 839 ***Agrostis gigantea* Roth**
Acc: 199707314, lpen: XX-0-MJG-199707314. Det. by a taxonomist.
- 840 ***Aira caryophyllea* L.**
Acc: 190036920, lpen: XX-0-MJG-19--36920. Det. by a taxonomist.
- 841 ***Aira elegans* Willd. ex Roem. & Schult.**
Acc: 199707904, lpen: XX-0-MJG-199707904. Det. by a taxonomist.
- 842 ***Alopecurus rendlei* Eig**
Acc: 190063030, lpen: XX-0-MJG-19--63030. Det. by a taxonomist.
- 843 ***Andropogon gerardii* Vitman**
Acc: 201301505, lpen: US-0-MJG-201301505, USA: Illinois, bei Chicago, Prärie. Det. by a taxonomist.
- 844 ***Antheophora pubescens* Nees**
Acc: 199666180, lpen: XX-0-MJG-199666180. Det. by a taxonomist.
- 845 ***Anthoxanthum aristatum* Boiss.**
Acc: 199803602, lpen: XX-0-MJG-199803602. Det. by a taxonomist.
- 846 ***Anthoxanthum odoratum* L.**
Acc: 190038540, lpen: XX-0-MJG-19--38540. Det. by a taxonomist.
- 847 ***Apera spica-venti* (L.) P.Beauv.**
Acc: 190021860, lpen: XX-0-MJG-19--21860. Det. by a taxonomist.
- 848 ***Arrhenatherum elatius* subsp. *bulbosum* (Willd.) Schübl. & G.Martens**
Acc: 199707313, lpen: FR-0-MJG-199707313, FRA: Dep. Calvados, Parc de Croisilles, Ville de Caen. 1996. Det. by a taxonomist.
- 849 ***Arthraxon ciliaris* P.Beauv.**
Acc: 190040030, lpen: XX-0-MJG-19--40030. Det. by a taxonomist.
- 850 ***Avena fatua* L.**
Acc: 199702336, lpen: XX-0-MJG-199702336. Det. by a taxonomist.
- 851 ***Avena sativa* L.**
Acc: 199702316, lpen: XX-0-MJG-199702316. Det. by a taxonomist.
- 852 ***Avenella flexuosa* (L.) Drejer**
Acc: 199702936, lpen: XX-0-MJG-199702936. Det. by a taxonomist.
- 853 ***Avenula pubescens* (Huds.) Dumort.**
Acc: 190021800, lpen: XX-0-MJG-19--21800. Det. by a taxonomist.
- 854 ***Beckmannia eruciformis* (L.) Host**
Acc: 190066730, lpen: XX-0-MJG-19--66730. Det. by a taxonomist.
- 855 ***Bouteloua curtipendula* (Michx.) Torr.**
Acc: 190068910, lpen: XX-0-MJG-19--68910. Det. by a taxonomist.
- 856 ***Bouteloua gracilis* (Humb., Bonpl. & Kunth) Griffiths**
Acc: 190027450, lpen: XX-0-MJG-19--27450. Det. by a horticulturist.
- 857 ***Brachypodium distachyum* (L.) P.Beauv.**
Acc: 190021600, lpen: XX-0-MJG-19--21600. Det. by a taxonomist.
- 858 ***Brachypodium pinnatum* (L.) P.Beauv.**
Acc: 190021610, lpen: XX-0-MJG-19--21610. Det. by a taxonomist.
- 859 ***Briza minor* L.**
Acc: 190021230, lpen: XX-0-MJG-19--21230. Det. by a taxonomist.
- 860 ***Bromus erectus* Huds.**
Acc: 190021640, lpen: XX-0-MJG-19--21640. Det. by a taxonomist.
- 861 ***Bromus grossus* Desf. ex DC.**
Acc: 200313101, lpen: DE-0-MJG-200313101, DEU: Rheinland-Pfalz, Wengerohr bei Wittlich an der Mosel. 2002. A. Oesau. Det. by a taxonomist.
- 862 ***Bromus inermis* Leyss.**

- Acc: 190021650, lpen: XX-0-MJG-19--21650. Det. by a taxonomist.
- 863 *Bromus japonicus* Houtt.**
Acc: 190021680, lpen: XX-0-MJG-19--21680. Det. by a taxonomist.
- 864 *Bromus sterilis* L.**
Acc: 190021630, lpen: XX-0-MJG-19--21630. Det. by a taxonomist.
- 865 *Bromus tectorum* L.**
Acc: 199127740, lpen: DE-0-MJG-199127740, DEU: Hessen, Griesheim bei Darmstadt. 1991-07-02. U. Hecker. Det. by a taxonomist.
- 866 *Catapodium rigidum* (L.) C.E.Hubb.**
Acc: 190021220, lpen: XX-0-MJG-19--21220. Det. by a taxonomist.
- 867 *Chaetopogon fasciculatus* (Link) Hayek**
Acc: 190040040, lpen: XX-0-MJG-19--40040. Det. by a taxonomist.
- 868 *Chasmanthium latifolium* (Michx.) H.O.Yates**
Acc: 190021260, lpen: XX-0-MJG-19--21260. Det. by a taxonomist.
- 869 *Chloris barbata* (L.) Sw.**
Acc: 190040050, lpen: XX-0-MJG-19--40050. Det. by a taxonomist.
- 870 *Chloris submutica* Humb., Bonpl.Et.Kunth**
Acc: 190040060, lpen: XX-0-MJG-19--40060. Det. by a taxonomist.
- 871 *Chloris virgata* Sw.**
Acc: 199708203, lpen: XX-0-MJG-199708203. Det. by a taxonomist.
- 872 *Chrysopogon gryllus* (L.) Trin.**
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.
- 873 *Coix lacryma-jobi* L.**
Acc: 190040070, lpen: XX-0-MJG-19--40070. Det. by a taxonomist.
- 874 *Cornucopiae cucullatum* L.**
Acc: 190068880, lpen: XX-0-MJG-19--68880. Det. by a taxonomist.
- 875 *Cortaderia selloana* (Schult. & Schult.f.) Asch. & Graebn.**
Acc: 190021740, lpen: XX-0-MJG-19--21740. Det. by a taxonomist.
- 876 *Corynephorus canescens* (L.) P.Beauv.**
Acc: 200703104, lpen: DE-0-MJG-200703104, DEU: Niedersachsen, Spiekeroog. 2006-08-28. H. Barmbold & K. Bartsch. Det. by a taxonomist.
- 877 *Crypsis schoenoides* (L.) Lam.**
Acc: 199706129, lpen: XX-0-MJG-199706129. Det. by a taxonomist.
- 878 *Cynosurus echinatus* L.**
Acc: 190021210, lpen: XX-0-MJG-19--21210. Det. by a taxonomist.
- 879 *Dinebra retroflexa* (Vahl) Panz.**
Acc: 190068920, lpen: XX-0-MJG-19--68920. Det. by a taxonomist.
- 880 *Eleusine coracana* (L.) Gaertn.**
Acc: 190040110, lpen: XX-0-MJG-19--40110. Det. by a taxonomist.
- 881 *Eleusine indica* (L.) Gaertn.**
Acc: 190036290, lpen: XX-0-MJG-19--36290. Det. by a taxonomist.
- 882 *Eleusine tristachya* (Lam.) Lam.**
Acc: 190040120, lpen: XX-0-MJG-19--40120. Det. by a taxonomist.
- 883 *Eragrostis minor* Host**
Acc: 190062940, lpen: XX-0-MJG-19--62940. Det. by a taxonomist.
- 884 *Eragrostis tef* (Zuccagni) Trotter**
Acc: 190055880, lpen: XX-0-MJG-19--55880. Det. by a taxonomist.
- 885 *Eremopyrum orientale* (L.) Jaub. & Spach**

- Acc: 190021470, lpen: XX-0-MJG-19--21470. Det. by a taxonomist.
- 886 ***Gaudinia fragilis* (L.) P.Beauv.**
Acc: 190021820, lpen: XX-0-MJG-19--21820. Det. by a taxonomist.
- 887 ***Hainardia cylindrica* (Willd.) W.Greuter**
Acc: 190021440, lpen: XX-0-MJG-19--21440. Det. by a taxonomist.
- 888 ***Harpochloa falx* (L.f.) Kuntze**
Acc: 200904108, lpen: XX-0-MJG-200904108. Det. by a taxonomist.
- 889 ***Holcus lanatus* L.**
Acc: 190040130, lpen: XX-0-MJG-19--40130. Det. by a taxonomist.
- 890 ***Hordelymus europaeus* (L.) Jessen ex Harz**
Acc: 190020560, lpen: XX-0-MJG-19--20560. Det. by a taxonomist.
- 891 ***Hordeum bulbosum* L.**
Acc: 190021120, lpen: XX-0-MJG-19--21120. Det. by a taxonomist.
- 892 ***Hordeum distichon* L.**
Acc: 199706404, lpen: XX-0-MJG-199706404. Det. by a taxonomist.
- 893 ***Hordeum distichon* L. 'Braugerste'**
Acc: 200811002, lpen: XX-0-MJG-200811002. Det. by a taxonomist.
- 894 ***Hordeum jubatum* L.**
Acc: 190021100, lpen: XX-0-MJG-19--21100. Det. by a taxonomist.
- 895 ***Hordeum vulgare* L. var. *vulgare***
Acc: 200205702, lpen: XX-0-MJG-200205702. Det. by a taxonomist.
- 896 ***Lagurus ovatus* L.**
Acc: 190021870, lpen: XX-0-MJG-19--21870. Det. by a taxonomist.
- 897 ***Lamarckia aurea* (L.) Moench**
Acc: 190021280, lpen: XX-0-MJG-19--21280. Det. by a taxonomist.
- 898 ***Lolium temulentum* L.**
Acc: 190021400, lpen: XX-0-MJG-19--21400. Det. by a taxonomist.
- 899 ***Lygeum spartum* Loefl. ex L.**
Acc: 190021730, lpen: XX-0-MJG-19--21730. Det. by a taxonomist.
- 900 ***Melica ciliata* L.**
Acc: 190021160, lpen: XX-0-MJG-19--21160. Det. by a taxonomist.
- 901 ***Melica nutans* L.**
Acc: 201403703, lpen: XX-0-ULM-2000F-268. Det. by a taxonomist.
- 902 ***Melinis repens* (Willd.) Zizka**
Acc: 190042840, lpen: XX-0-MJG-19--42840. Det. by a taxonomist.
- 903 ***Miscanthus sacchariflorus* (Maxim.) Benth. & Hook.f. ex Franch.**
Acc: 190063050, lpen: XX-0-MJG-19--63050. Det. by a taxonomist.
- 904 ***Muhlenbergia mexicana* (L.) Trin.**
Acc: 190052260, lpen: XX-0-MJG-19--52260. Det. by a taxonomist.
- 905 ***Oryza sativa* L.**
Acc: 190040200, lpen: XX-0-MJG-19--40200. Det. by a taxonomist.
- 906 ***Panicum clandestinum* L.**
Acc: 190061260, lpen: XX-0-MJG-190061260. Det. by a taxonomist.
- 907 ***Paspalum racemosum* Lam.**
Acc: 201013019, lpen: XX-0-MJG-201013019. Det. by a taxonomist.
- 908 ***Pennisetum macrourum* Trin.**
Acc: 190052240, lpen: XX-0-MJG-19--52240. Det. by a taxonomist.
- 909 ***Pennisetum villosum* R.Br. ex Fresen.**
Acc: 190044640, lpen: XX-0-MJG-19--44640. Det. by a taxonomist.
- 910 ***Phalaris arundinacea* L.**

- Acc: 190040210, lpen: XX-0-MJG-19--40210. Det. by a taxonomist.
- 911 *Phalaris canariensis* L.**
Acc: 199713310, lpen: DE-0-MJG-199713310, DEU: Hamburg, Osdorf, Klein Flottbek, Ohnhorststraße. 1995-09-12. Holle Kuschel. Det. by a taxonomist.
- 912 *Pharus latifolius* L.**
Acc: 190076680, lpen: XX-0-MJG-190076680. Det. by a taxonomist.
- 913 *Phleum paniculatum* Huds.**
Acc: 190040220, lpen: XX-0-MJG-19--40220. Det. by a taxonomist.
- 914 *Phleum pratense* L.**
Acc: 190061220, lpen: XX-0-MJG-19--61220. Det. by a taxonomist.
- 915 *Phragmites australis* (Cav.) Trin. ex Steud.**
Acc: 190021760, lpen: XX-0-MJG-19--21760. Det. by a taxonomist.
- 916 *Poa bulbosa* L.**
Acc: 199621300, lpen: XX-0-MJG-199621300. Det. by a taxonomist.
- 917 *Polypogon monspeliensis* (L.) Desf.**
Acc: 190068890, lpen: XX-0-MJG-19--68890. Det. by a taxonomist.
- 918 *Psilurus incurvus* (Gouan) Schinz & Thell.**
Acc: 199900803, lpen: XX-0-MJG-199900803. Det. by a taxonomist.
- 919 *Rostraria cristata* (L.) Tzvelev**
Acc: 201300504, lpen: XX-0-MJG-201300504. Det. by a taxonomist.
- 920 *Saccharum ravennae* (L.) L.**
Acc: 190068990, lpen: XX-0-MJG-190068990. Det. by a taxonomist.
- 921 *Schizachyrium scoparium* (Michx.) Nash**
Acc: 190061310, lpen: XX-0-MJG-19--61310. Det. by a taxonomist.
- 922 *Secale cereale* L.**
Acc: 190021490, lpen: XX-0-MJG-190021490. Det. by a taxonomist.
- 923 *Secale montanum* Guss.**
Acc: 190044650, lpen: XX-0-MJG-19--44650. Det. by a taxonomist.
- 924 *Sesleria argentea* (Savi) Savi**
Acc: 201113409, lpen: XX-0-MJG-201113409. Det. by a taxonomist.
- 925 *Setaria italica* (L.) P.Beauv.**
Acc: 190042850, lpen: XX-0-MJG-19--42850. Det. by a taxonomist.
- 926 *Sorghastrum nutans* (L.) Nash**
Acc: 190061280, lpen: XX-0-MJG-19--61280. Det. by a taxonomist.
- 927 *Sorghum bicolor* (L.) Moench**
Acc: 190056080, lpen: XX-0-MJG-19--56080. Det. by a taxonomist.
- 928 *Sporobolus indicus* (L.) R.Br.**
Acc: 199801108, lpen: FR-0-MJG-199801108, FRA: Aquitaine, Dep. Landes. Det. by a taxonomist.
- 929 *Stipa capillata* L.**
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.
- 930 *Stipa lessingiana* Trin. & Rupr.**
Acc: 200811214, lpen: RU-0-MJG-200811214, RUS: Rostov Oblast, without locality. Det. by a taxonomist.
- 931 *Taeniatherum caput-medusae* (L.) Nevski**
Acc: 190021080, lpen: XX-0-MJG-19--21080. Det. by a taxonomist.
- 932 *Tragus racemosus* (L.) All.**
Acc: 190068940, lpen: XX-0-MJG-19--68940. Det. by a taxonomist.
- 933 *Trisetum flavescens* (L.) P.Beauv.**

- Acc: 190021830, lpen: XX-0-MJG-19--21830. Det. by a taxonomist.
- 934 *Triticum baeoticum* Boiss.**
Acc: 190021560, lpen: XX-0-MJG-19--21560. Det. by a taxonomist.
- 935 *Triticum monococcum* L.**
Acc: 190021550, lpen: XX-0-MJG-19--21550. Det. by a taxonomist.
- 936 *Triticum spelta* L.**
Acc: 190021520, lpen: XX-0-MJG-19--21520. Det. by a taxonomist.
- 937 *Triticum turgidum* subsp. *polonicum* (L.) Thell.**
Acc: 200701009, lpen: XX-0-MJG-200701009. Det. by a taxonomist.
- 938 *Vulpia myuros* (L.) C.C.Gmel.**
Acc: 199913103, lpen: DE-0-MJG-199913103, DEU: Rheinland-Pfalz, Oppenheim, Zuckerberg, 275 m. 1999-07-14. U. Hecker. Det. by a taxonomist.

Polemoniaceae

- 939 *Collomia grandiflora* Douglas ex Lindl.**
Acc: 199800311, lpen: XX-0-MJG-199800311. Det. by a taxonomist.
- 940 *Gilia achilleifolia* Benth.**
Acc: 190045490, lpen: XX-0-MJG-19--45490. Det. by a taxonomist.
- 941 *Ipomopsis rubra* (L.) Wherry**
Acc: 200806010, lpen: US-0-MJG-200806010, USA: Michigan, without locality. Det. by a taxonomist.
- 942 *Navarretia squarrosa* (Eschsch.) Hook. & Arn.**
Acc: 190045510, lpen: XX-0-MJG-19--45510. Det. by a taxonomist.
- 943 *Phlox drummondii* Hook.**
Acc: 190038150, lpen: XX-0-MJG-19--38150. Det. by a taxonomist.

Polygonaceae

- 944 *Atraphaxis frutescens* (L.) K.Koch**
Acc: 190011990, lpen: XX-0-MJG-19--11990. Det. by a taxonomist.
- 945 *Emex spinosa* (L.) Campd.**
Acc: 190045520, lpen: XX-0-MJG-19--45520. Det. by a taxonomist.
- 946 *Fagopyrum esculentum* Moench**
Acc: 190045530, lpen: XX-0-MJG-19--45530. Det. by a taxonomist.
- 947 *Fagopyrum tataricum* (L.) G.Gaertn.**
Acc: 190045540, lpen: XX-0-MJG-19--45540. Det. by a taxonomist.
- 948 *Oxyria digyna* (L.) Hill**
Acc: 190045560, lpen: XX-0-MJG-19--45560. Det. by a taxonomist.

Pontederiaceae

- 949 *Pontederia cordata* L.**
Acc: 190023280, lpen: XX-0-MJG-19--23280. Det. by a taxonomist.

Portulacaceae

950 *Portulaca grandiflora* Hook.

Acc: 190045600, lpen: XX-0-MJG-19--45600. Det. by a taxonomist.

951 *Portulaca pilosa* L.

Acc: 190069270, lpen: XX-0-MJG-19--69270. Det. by a taxonomist.

952 *Portulaca rubricaulis* Kunth

Acc: 190052230, lpen: XX-0-MJG-19--52230. Det. by a taxonomist.

Primulaceae

953 *Androsace maxima* L.

Acc: 190041460, lpen: XX-0-MJG-19--41460. Det. by a taxonomist.

954 *Ardisia humilis* Vahl

Acc: 190076700, lpen: XX-0-MJG-190076700. Det. by a taxonomist.

955 *Lysimachia clethroides* Duby

Acc: 190045620, lpen: XX-0-MJG-19--45620. Det. by a taxonomist.

956 *Lysimachia ephemerum* L.

Acc: 190065920, lpen: XX-0-MJG-19--65920. Det. by a taxonomist.

957 *Primula cortusoides* L.

Acc: 190070690, lpen: XX-0-MJG-190070690. Det. by a taxonomist.

958 *Samolus valerandi* L.

Acc: 190065900, lpen: XX-0-MJG-19--65900. Det. by a taxonomist.

Ranunculaceae

959 *Aconitum lycoctonum* L. subsp. *vulparia* (Rchb. ex Sreng) Nyman

Acc: 190049960, lpen: XX-0-MJG-19--49960. Det. by a taxonomist.

960 *Actaea pachypoda* Elliott

Acc: 190049970, lpen: XX-0-MJG-19--49970. Det. by a taxonomist.

961 *Actaea spicata* L.

Acc: 190020580, lpen: XX-0-MJG-19--20580. Det. by a taxonomist.

962 *Anemone sylvestris* L.

Acc: 190045640, lpen: XX-0-MJG-19--45640. Det. by a taxonomist.

963 *Aquilegia canadensis* L.

Acc: 190055450, lpen: XX-0-MJG-19--55450. Det. by a taxonomist.

964 *Aquilegia thalictrifolia* Schott & Kotschy

Acc: 190076830, lpen: XX-0-MJG-19--76830. Det. by a taxonomist.

965 *Clematis campaniflora* Brot.

Acc: 195017150, lpen: XX-0-MJG-195017150. Det. by a taxonomist.

966 *Clematis integrifolia* L.

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.

967 *Clematis serratifolia* Rehder

Acc: 195006250, lpen: XX-0-MJG-195006250. Det. by a taxonomist.

968 *Delphinium ajacis* L.

Acc: 190041540, lpen: XX-0-MJG-19--41540. Det. by a taxonomist.

969 *Delphinium consolida* L.

Acc: 190041550, lpen: XX-0-MJG-19--41550. Det. by a taxonomist.

970 *Delphinium elatum* Franch.

- Acc: 201600030, Ipen: CH-0-Z-20151069, CHE: St. Gallen, Alt St. Johann, Churfürsten, 1770 m. Det. by a taxonomist.
- 971 *Delphinium hispanicum* Costa**
Acc: 200705301, Ipen: HU-0-MJG-200705301, HUN: Jász-Nagykun-Szolnok, Jászkisér. 2006. Det. by a taxonomist.
- 972 *Helleborus argutifolius* Viv.**
Acc: 190020640, Ipen: XX-0-MJG-19--20640. Det. by a taxonomist.
- 973 *Helleborus foetidus* L.**
Acc: 190020340, Ipen: XX-0-MJG-19--20340. Det. by a taxonomist.
- 974 *Leptopyrum fumarioides* (L.) Rchb.**
Acc: 190056520, Ipen: XX-0-MJG-19--56520. Det. by a taxonomist.
- 975 *Nigella ciliaris* DC.**
Acc: 199817412, Ipen: IL-0-MJG-199817412, ISR: without locality. 1977. Det. by a taxonomist.
- 976 *Nigella damascena* L.**
Acc: 190045670, Ipen: XX-0-MJG-19--45670. Det. by a taxonomist.
- 977 *Nigella nigellastrum* (L.) Willk.**
Acc: 190045700, Ipen: XX-0-MJG-19--45700. Det. by a taxonomist.
- 978 *Nigella sativa* L.**
Acc: 190045710, Ipen: XX-0-MJG-19--45710. Det. by a taxonomist.
- 979 *Pulsatilla vulgaris* Mill.**
Acc: 200809101, Ipen: DE-0-MJG-200809101, DEU: Rheinland-Pfalz, Gangelberg bei Duchroth an der Nahe, 49,788939 | 7,739954. 2008-05-30. R. Omlor. Det. by a taxonomist.
- 980 *Thalictrum foetidum* L.**
Acc: 190069530, Ipen: XX-0-MJG-19--69530. Det. by a taxonomist.
- 981 *Thalictrum minus* L.**
Acc: 200907019, Ipen: HU-0-MJG-200907019, HUN: Veszprém, near Pét village, NE of Lake Balaton, 100 - 500 m, 47,157155 | 18,108044. Det. by a taxonomist.
- 982 *Trollius europaeus* L.**
Acc: 190005560, Ipen: XX-0-MJG-19--05560. Det. by a taxonomist.

Resedaceae

- 983 *Reseda glauca* L.**
Acc: 199704122, Ipen: XX-0-MJG-199704122. Det. by a taxonomist.
- 984 *Reseda luteola* L.**
Acc: 190064080, Ipen: XX-0-MJG-19--64080. Det. by a taxonomist.

Rhamnaceae

- 985 *Frangula rupestris* (Scop.) Schur**
Acc: 199201940, Ipen: XX-0-MJG-199201940. Det. by a taxonomist.
- 986 *Oreoherezia iberica* (Booth, Petz. & G.Kirchn.) W.Vent**
Acc: 199910103, Ipen: XX-0-MJG-199910103. Det. by a horticulturist.
- 987 *Rhamnus cathartica* L.**
Acc: 195004180, Ipen: XX-0-MJG-195004180. Det. by a taxonomist.

Rosaceae

- 988 ***Agrimonia eupatoria* L.**
Acc: 190049990, lpen: XX-0-MJG-19--49990. Det. by a taxonomist.
- 989 ***Agrimonia procera* Wallr.**
Acc: 190062160, lpen: XX-0-MJG-19--62160. Det. by a taxonomist.
- 990 ***Alchemilla alpina* L.**
Acc: 190049630, lpen: XX-0-MJG-19--49630. Det. by a taxonomist.
- 991 ***Alchemilla arvensis* (L.) Scop.**
Acc: 190070470, lpen: XX-0-MJG-19--70470. Det. by a taxonomist.
- 992 ***Amelanchier spicata* (Lam.) K.Koch**
Acc: 195000400, lpen: XX-0-MJG-195000400. Det. by a taxonomist.
- 993 ***Aruncus dioicus* (Walter) Fernald**
Acc: 190033450, lpen: XX-0-MJG-19--33450. Det. by a taxonomist.
- 994 ***Cercocarpus montanus* var. *blancheae* (C.K.Schneid.) F.L.Martin**
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.
- 995 ***Chamaebatiaria millefolium* (Torr.) Maxim.**
Acc: 199412660, lpen: XX-0-MJG-199412660. Det. by a taxonomist.
- 996 ***Crataegus azarolus* L.**
Acc: 200301604, lpen: XX-0-MJG-200301604. Det. by a taxonomist.
- 997 ***Crataegus mexicana* Moc. & Sessé ex DC.**
Acc: 200813001, lpen: XX-0-MJG-200813001. Det. by a horticulturist.
- 998 ***Dryas octopetala* L.**
Acc: 190004210, lpen: XX-0-MJG-19--04210. Det. by a taxonomist.
- 999 ***Drymocallis rupestris* (L.) Soják**
Acc: 190045760, lpen: XX-0-MJG-19--45760. Det. by a taxonomist.
- 1000 ***Filipendula ulmaria* (L.) Maxim.**
Acc: 190049720, lpen: XX-0-MJG-19--49720. Det. by a taxonomist.
- 1001 ***Filipendula vulgaris* Moench**
Acc: 190062120, lpen: XX-0-MJG-19--62120. Det. by a taxonomist.
- 1002 ***Geum rivale* L.**
Acc: 190031160, lpen: XX-0-MJG-19--31160. Det. by a taxonomist.
- 1003 ***Geum triflorum* Pursh**
Acc: 190031150, lpen: XX-0-MJG-19--31150. Det. by a taxonomist.
- 1004 ***Malus toringoides* (Rehder) Hughes**
Acc: 195007860, lpen: XX-0-MJG-195007860. Det. by a taxonomist.
- 1005 ***Physocarpus opulifolius* (L.) Maxim.**
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.
- 1006 ***Prinsepia uniflora* Batalin**
Acc: 195010440, lpen: XX-0-MJG-195010440. Det. by a taxonomist.
- 1007 ***Pyrus pyraeaster* Burgsd.**
Acc: 200610606, lpen: DE-0-MJG-200610606, DEU: Rheinland-Pfalz, without locality. EFA Winnweiler. Det. by a taxonomist.
- 1008 ***Pyrus ussuriensis* Maxim.**
Acc: 195010310, lpen: XX-0-MJG-195010310. Det. by a taxonomist.
- 1009 ***Rhodotypos scandens* (Thunb.) Makino**
Acc: 195008190, lpen: XX-0-MJG-195008190. Det. by a taxonomist.
- 1010 ***Rosa abietina* Gren. ex H.Christ**

Acc: 200414601, lpen: CH-0-MJG-200414601, CHE: Graubünden, Nähe von Briegels, 1200 m. Det. by a horticulturist.

1011 *Rosa pendulina* L.

Acc: 190019120, lpen: XX-0-MJG-19--19120. Det. by a taxonomist.

1012 *Rosa rhaetica* Gremli

Acc: 200204802, lpen: CH-0-MJG-200204802, CHE: Wallis. Det. by a horticulturist.

1013 *Rosa rubiginosa* L.

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.

1014 *Rosa sempervirens* L.

Acc: 197215460, lpen: XX-0-MJG-197215460. Det. by a taxonomist.

1015 *Sanguisorba minor* Scop.

Acc: 190055500, lpen: XX-0-MJG-19--55500. Det. by a taxonomist.

1016 *Sorbaria sorbifolia* (L.) A. Braun

Acc: 190015080, lpen: XX-0-MJG-19--15080. Det. by a taxonomist.

1017 *Sorbus* × *ambigua* Michalet

Acc: 190005570, lpen: XX-0-MJG-19--05570. Det. by a taxonomist.

1018 *Spiraea japonica* L.f.

Acc: 190006410, lpen: XX-0-MJG-190006410. Det. by a taxonomist.

1019 *Spiraea salicifolia* L.

Acc: 190010290, lpen: XX-0-MJG-19--10290. Det. by a taxonomist.

Rubiaceae

1020 *Asperula arvensis* L.

Acc: 190041470, lpen: XX-0-MJG-19--41470. Det. by a taxonomist.

1021 *Asperula cynanchica* L.

Acc: 199700701, lpen: AT-0-MJG-199700701, AUT: Niederösterreich, Eichkogel, 230-360m, auf Kalk. Det. by a taxonomist.

1022 *Asperula rumelica* Boiss.

Acc: 201011245, lpen: UA-0-MJG-201011245, UKR: Vinnytsia, near Mohyliv-Podilsky town, Ozarynetska mountain between Nemyia i Derlo river, 48,467352 | 27,792256. 2010-07. U. Becker. Det. by a taxonomist.

1023 *Asperula taurina* L.

Acc: 190040720, lpen: XX-0-MJG-19--40720. Det. by a taxonomist.

1024 *Asperula tinctoria* L.

Acc: 190045770, lpen: XX-0-MJG-19--45770. Det. by a taxonomist.

1025 *Crucianella angustifolia* L.

Acc: 190047610, lpen: XX-0-MJG-19--47610. Det. by a taxonomist.

1026 *Galium album* Mill.

Acc: 199704213, lpen: NO-0-MJG-199704213, NOR: Oslo, Nordmarka, Svartor, 300 m. 1994-09-18. Harald Hunderi & Reidar Haugan. Det. by a taxonomist.

1027 *Galium aparine* L.

Acc: 199643090, lpen: XX-0-MJG-199643090. Det. by a taxonomist.

1028 *Galium verrucosum* Huds.

Acc: 199702318, lpen: XX-0-MJG-199702318. Det. by a taxonomist.

1029 *Phuopsis stylosa* (Trin.) B.D.Jacks.

Acc: 190041280, lpen: XX-0-MJG-19--41280. Det. by a taxonomist.

1030 *Psychotria hirtella* Oliver

Acc: 190054840, lpen: XX-0-MJG-190054840. Det. by a taxonomist.

1031 *Richardia scabra* L.

Acc: 190047640, lpen: XX-0-MJG-19--47640. Det. by a taxonomist.

1032 *Sherardia arvensis* L.

Acc: 190041660, lpen: XX-0-MJG-19--41660. Det. by a taxonomist.

1033 *Valantia hispida* L.

Acc: 190047650, lpen: XX-0-MJG-19--47650. Det. by a taxonomist.

Rutaceae

1034 *Citrus trifoliata* L.

Acc: 190008360, lpen: XX-0-MJG-19--08360. Det. by a taxonomist.

1035 *Erythrochiton brasiliensis* Nees & Mart.

Acc: 190036710, lpen: XX-0-MJG-19--36710. Det. by a taxonomist.

1036 *Ptelea trifoliata* L.

Acc: 200301611, lpen: XX-0-MJG-200301611. Det. by a taxonomist.

1037 *Ruta graveolens* L.

Acc: 190001610, lpen: XX-0-MJG-19--01610. Det. by a taxonomist.

1038 *Zanthoxylum americanum* Mill.

Acc: 199404750, lpen: XX-0-MJG-199404750. Det. by a horticulturist.

1039 *Zanthoxylum armatum* DC.

Acc: 190077567, lpen: XX-0-MJG-190077567. Det. by a horticulturist.

1040 *Zanthoxylum bungeanum* Maxim.

Acc: 198908340, lpen: XX-0-MJG-198908340. Det. by a horticulturist.

Salicaceae

1041 *Azara serrata* Ruiz & Pavon var. *serrata*

Acc: 199750130, lpen: XX-0-MJG-199750130. Det. by a taxonomist.

1042 *Poliothyrsis sinensis* Oliv.

Acc: 198708990, lpen: XX-0-MJG-198708990. Det. by a taxonomist.

Sapindaceae

1043 *Acer griseum* (Franch.) Pax

Acc: 195007950, lpen: XX-0-MJG-195007950. Det. by a taxonomist.

1044 *Aesculus flava* Sol.

Acc: 195012920, lpen: XX-0-MJG-195012920. Det. by a taxonomist.

1045 *Aesculus glabra* Willd.

Acc: 195013580, lpen: XX-0-MJG-195013580. Det. by a taxonomist.

1046 *Cardiospermum halicacabum* L.

Acc: 190038022, lpen: XX-0-MJG-19--38022. Det. by a taxonomist.

Saururaceae

1047 *Saururus cernuus* L.

Acc: 190023320, lpen: XX-0-MJG-19--23320. Det. by a taxonomist.

Saxifragaceae

1048 *Astilboides tabularis* (Hemsl.) Engl.

Acc: 190033580, Ipen: XX-0-MJG-19--33580. Det. by a taxonomist.

1049 *Heuchera pulchella* Wooton & Standl.

Acc: 200505001, Ipen: US-0-MJG-200505001, USA: New Mexico, Lincoln County, 2800 m. Det. by a taxonomist.

1050 *Mitella ovalis* Greene

Acc: 190062830, Ipen: XX-0-MJG-19--62830. Det. by a taxonomist.

1051 *Rodgersia pinnata* Franch.

Acc: 190050250, Ipen: XX-0-MJG-19--50250. Det. by a taxonomist.

1052 *Saxifraga granulata* L.

Acc: 200408302, Ipen: XX-0-MJG-200408302. Det. by a taxonomist.

1053 *Saxifraga rotundifolia* L.

Acc: 190032970, Ipen: XX-0-MJG-19--32970. Det. by a taxonomist.

1054 *Tellima grandiflora* (Pursh) Douglas ex Lindl.

Acc: 190037720, Ipen: XX-0-MJG-19--37720. Det. by a taxonomist.

Scrophulariaceae

1055 *Diascia barberae* Hook.f.

Acc: 190047680, Ipen: XX-0-MJG-19--47680. Det. by a taxonomist.

1056 *Nemesia floribunda* Lehm.

Acc: 190069440, Ipen: XX-0-MJG-19--69440. Det. by a taxonomist.

1057 *Nemesia strumosa* Benth.

Acc: 190047710, Ipen: XX-0-MJG-19--47710. Det. by a taxonomist.

1058 *Scrophularia auriculata* L.

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.

1059 *Scrophularia chrysantha* Jaub. & Spach

Acc: 190039730, Ipen: XX-0-MJG-19--39730. Det. by a taxonomist.

1060 *Scrophularia grandiflora* DC.

Acc: 190023060, Ipen: XX-0-MJG-19--23060. Det. by a taxonomist.

1061 *Scrophularia peregrina* L.

Acc: 190039760, Ipen: XX-0-MJG-19--39760. Det. by a taxonomist.

1062 *Sutera foetida* Roth

Acc: 199715806, Ipen: XX-0-MJG-199715806. Det. by a taxonomist.

1063 *Verbascum blattaria* L.

Acc: 200710202, Ipen: HU-0-MJG-200710202, HUN: Bács-Kiskun, Kecskemét, Kiskunság, sand dunes and alkaline sand-steppes near Tatárszentgyörgy and Orgovány. 2006. Géza Kósa. Det. by a taxonomist.

1064 *Verbascum lychnitis* L.

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.

1065 *Verbascum nigrum* L.

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.

1066 *Verbascum phoeniceum* L.

Acc: 200103802, Ipen: XX-0-MJG-200103802. Det. by a taxonomist.

1067 *Verbascum sinuatum* L.

Acc: 200808411, lpen: FR-0-MJG-200808411, FRA: Languedoc-Roussillon, Département Hérault, Saint-Jean-de-Védas, Garrigue. Det. by a taxonomist.

Solanaceae

1068 *Atropa bella-donna* L.

Acc: 190020360, lpen: XX-0-MJG-19--20360. Det. by a taxonomist.

1069 *Capsicum frutescens* L.

Acc: 190039050, lpen: XX-0-MJG-19--39050. Det. by a taxonomist.

1070 *Datura stramonium* L.

Acc: 190039970, lpen: XX-0-MJG-19--39970. Det. by a taxonomist.

1071 *Hyoscyamus albus* L.

Acc: 199817902, lpen: IT-0-MJG-199817902, ITA: Sicily, Fiume Eleuterio, Misilmeri (Palermo). 1997-07. Det. by a taxonomist.

1072 *Jaborosa sativa* (Miers) Hunz. & Barboza

Acc: 190023050, lpen: XX-0-MJG-19--23050. Det. by a taxonomist.

1073 *Nicandra physalodes* (L.) P.Gaertn.

Acc: 190038890, lpen: XX-0-MJG-19--38890. Det. by a taxonomist.

1074 *Nicotiana* × *sanderæ* W.Watson

Acc: 190063290, lpen: XX-0-MJG-19--63290. Det. by a taxonomist.

1075 *Nicotiana acuminata* (Graham) Hook.

Acc: 190047030, lpen: XX-0-MJG-19--47030. Det. by a taxonomist.

1076 *Nicotiana debneyi* Domin

Acc: 190039830, lpen: XX-0-MJG-19--39830. Det. by a taxonomist.

1077 *Nicotiana glauca* Graham

Acc: 190038010, lpen: XX-0-MJG-19--38010. Det. by a taxonomist.

1078 *Nicotiana knightiana* Goodspeed

Acc: 190039850, lpen: XX-0-MJG-19--39850. Det. by a taxonomist.

1079 *Nicotiana longiflora* Cav.

Acc: 190039870, lpen: XX-0-MJG-19--39870. Det. by a taxonomist.

1080 *Nicotiana megalosiphon* Heurck & Müll.Arg.

Acc: 190047040, lpen: XX-0-MJG-19--47040. Det. by a taxonomist.

1081 *Nicotiana rustica* L.

Acc: 190039890, lpen: XX-0-MJG-19--39890. Det. by a taxonomist.

1082 *Nicotiana sylvestris* Speg. & Comes

Acc: 190039900, lpen: XX-0-MJG-19--39900. Det. by a taxonomist.

1083 *Nicotiana tabacum* L.

Acc: 190039340, lpen: XX-0-MJG-19--39340. Det. by a taxonomist.

1084 *Nierembergia scoparia* Sendtn.

Acc: 200013101, lpen: XX-0-MJG-200013101. Det. by a taxonomist.

1085 *Nolana humifusa* (Gouan) I.M.Johnst.

Acc: 190038870, lpen: XX-0-MJG-19--38870. Det. by a taxonomist.

1086 *Physalis alkekengi* var. *franchetii* (Mast.) Makino

Acc: 190039010, lpen: XX-0-MJG-19--39010. Det. by a taxonomist.

1087 *Physalis ixocarpa* Brot. ex Hornem.

Acc: 201205505, lpen: XX-0-MJG-201205505. Det. by a taxonomist.

1088 *Physochlaina orientalis* (M.Bieb.) G.Don

Acc: 190038980, lpen: XX-0-MJG-19--38980. Det. by a taxonomist.

1089 *Saracha edulis* Thell.

- Acc: 190039030, lpen: XX-0-MJG-19--39030. Det. by a taxonomist.
- 1090 *Solanum citrullifolium* A.Braun**
Acc: 190027770, lpen: XX-0-MJG-19--27770. Det. by a taxonomist.
- 1091 *Solanum erianthum* D.Don**
Acc: 190039090, lpen: XX-0-MJG-19--39090. Det. by a taxonomist.
- 1092 *Solanum laciniatum* Aiton**
Acc: 190039080, lpen: XX-0-MJG-19--39080. Det. by a taxonomist.
- 1093 *Solanum lidii* Sunding**
Acc: 190032090, lpen: XX-0-MJG-19--32090. Det. by a taxonomist.
- 1094 *Solanum sodomeum* L.**
Acc: 190027670, lpen: XX-0-MJG-19--27670. Det. by a taxonomist.
- 1095 *Solanum uporo* Dun.**
Acc: 200414101, lpen: XX-0-MJG-200414101. Det. by a taxonomist.
- 1096 *Withania somnifera* (L.) Dunal**
Acc: 199715513, lpen: XX-0-MJG-199715513. Det. by a taxonomist.

Styracaceae

- 1097 *Pterostyrax hispida* Siebold & Zucc.**
Acc: 195006750, lpen: XX-0-MJG-195006750. Det. by a taxonomist.

Talinaceae

- 1098 *Talinum paniculatum* (Jacq.) Gaertn.**
Acc: 190052210, lpen: XX-0-MJG-19--52210. Det. by a taxonomist.

Taxaceae

- 1099 *Cephalotaxus fortunei* Hook.**
Acc: 195016160, lpen: XX-0-MJG-195016160. Det. by a taxonomist.
- 1100 *Cephalotaxus harringtonia* (J.Forbes) K.Koch**
Acc: 195008030, lpen: XX-0-MJG-195008030. Det. by a taxonomist.
- 1101 *Taxus baccata* L.**
Acc: 190000020, lpen: XX-0-MJG-19--00020. Det. by a taxonomist.
- 1102 *Taxus canadensis* Marshall**
Acc: 197919050, lpen: XX-0-MJG-197919050. Det. by a taxonomist.

Thymelaeaceae

- 1103 *Daphne laureola* L.**
Acc: 198319320, lpen: XX-0-MJG-198319320. Det. by a taxonomist.

Tropaeolaceae

- 1104 *Tropaeolum majus* L.**
Acc: 190045790, lpen: XX-0-MJG-19--45790. Det. by a taxonomist.

Typhaceae

1105 *Sparganium erectum* L.

Acc: 190020900, lpen: XX-0-MJG-19--20900. Det. by a taxonomist.

1106 *Typha latifolia* L.

Acc: 190020870, lpen: XX-0-MJG-19--20870. Det. by a taxonomist.

Urticaceae

1107 *Forsskaolea angustifolia* Retz.

Acc: 190045830, lpen: XX-0-MJG-19--45830. Det. by a taxonomist.

1108 *Urtica pilulifera* L.

Acc: 190055550, lpen: XX-0-MJG-19--55550. Det. by a taxonomist.

Verbenaceae

1109 *Lantana camara* L.

Acc: 190038800, lpen: XX-0-MJG-19--38800. Det. by a taxonomist.

1110 *Verbena bonariensis* L.

Acc: 190038810, lpen: XX-0-MJG-19--38810. Det. by a taxonomist.

1111 *Verbena canadensis* (L.) Britton

Acc: 190038820, lpen: XX-0-MJG-19--38820. Det. by a taxonomist.

1112 *Verbena hastata* L.

Acc: 190038830, lpen: XX-0-MJG-19--38830. Det. by a taxonomist.

1113 *Verbena officinalis* L.

Acc: 200801005, lpen: XX-0-MJG-200801005. Det. by a horticulturist.

1114 *Verbena rigida* Spreng.

Acc: 190038850, lpen: XX-0-MJG-19--38850. Det. by a taxonomist.

1115 *Verbena urticifolia* L.

Acc: 190038860, lpen: XX-0-MJG-19--38860. Det. by a taxonomist.

Viburnaceae

1116 *Viburnum* × *burkwoodii* Burkwood & Skipw.

Acc: 190010690, lpen: XX-0-MJG-190010690. Det. by a taxonomist.

1117 *Viburnum betulifolium* Batalin

Acc: 195010710, lpen: XX-0-MJG-195010710. Det. by a taxonomist.

1118 *Viburnum lantana* L.

Acc: 200707605, lpen: DE-0-MJG-200707605, DEU: Rheinland-Pfalz, EFA Gerolstein.
Det. by a taxonomist.

1119 *Viburnum lentago* L.

Acc: 195014420, lpen: XX-0-MJG-195014420. Det. by a taxonomist.

1120 *Viburnum utile* Hemsl.

Acc: 195019470, lpen: XX-0-MJG-195019470. Det. by a taxonomist.

Violaceae

1121 *Viola canina* L.

Acc: 201302506, lpen: PL-0-MJG-201302506, POL: 51,162122 | 22,313232. Det. by a horticulturist.

1122 *Viola elatior* Fr.

Acc: 199702923, lpen: XX-0-MJG-199702923. Det. by a taxonomist.

1123 *Viola tricolor* L. subsp. *tricolor*

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

1124 *Ampelopsis aconitifolia* Bunge

Acc: 195017520, lpen: XX-0-MJG-195017520. Det. by a taxonomist.

1125 *Ampelopsis brevipedunculata* (Maxim.) Trautv.

Acc: 195017510, lpen: XX-0-MJG-195017510. Det. by a taxonomist.

1126 *Ampelopsis glandulosa* var. *heterophylla* (Thunb.) Momiy.

Acc: 190017511, lpen: XX-0-MJG-19--17511. Det. by a taxonomist.

1127 *Cyphostemma juttae* (Dinter & Gilg.) Desc.

Acc: 190055560, lpen: XX-0-MJG-19--55560. Det. by a taxonomist.

1128 *Parthenocissus inserta* (A.Kern.) Fritsch

Acc: 195017480, lpen: XX-0-MJG-195017480. Det. by a taxonomist.

1129 *Parthenocissus tricuspidata* (Siebold & Zucc.) Planch.

Acc: 195017500, lpen: XX-0-MJG-195017500. Det. by a taxonomist.

1130 *Vitis amurensis* Rupr.

Acc: 195017450, lpen: XX-0-MJG-195017450. Det. by a taxonomist.

Zingiberaceae

1131 *Alpinia malaccensis* (Burm.f.) Roscoe

Acc: 190066230, lpen: XX-0-MJG-190066230. Det. by a taxonomist.

1132 *Hedychium horsfieldii* R.Br. ex Wall.

Acc: 190036400, lpen: XX-0-MJG-19--36400. Det. by a taxonomist.

1133 *Hedychium spicatum* Sm.

Acc: 190020170, lpen: XX-0-MJG-19--20170. Det. by a taxonomist.

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² im Idealfall der National Focal Point im Heimatland des Gartens.

**An den
Botanischen Garten der
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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 CBD⁴.
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

³ 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.

⁴ ideally, the national focal point in the garden's home country

Impressum

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