

Utrecht University Botanic Gardens

P.O. Box 80.162 3508 TD Utrecht
The Netherlands

Index Seminum No. 63 - 2021-22

**Each order is limited to 25 numbers
Orders can be placed until 2022-03-31**

**Internet Orders: <https://utrecht.indexseminum.org/>
Contact: seedlist@uu.nl**

Situation and climate:

Geographical position of the Main Garden 52° 06' N : 5°11' E
Altitude 2 m above sea level
Mean daily minimum of the coldest month - 0,6°C
Mean daily maximum of the warmest month + 21,6°C
Highest temperature + 36,8°C
Lowest temperature - 24,8°C
Average rainfall 803 mm

In response to the Convention on Biological Diversity (**CBD**), the Utrecht

University Botanic Gardens supplies seeds and other plant material in accordance with the Code of Conduct for Botanic Gardens and similar collections. We are IPEN-member (International Plant Exchange Network) and can exchange material with other IPEN-members without bi-lateral agreements.

Non IPEN-members have to return the "Agreement on the supply of living plant material for non-commercial purposes leaving the International Plant Exchange Network (IPEN version 2b)" which must be signed by authorized staff. This agreement can be made valid for 1, 3 or 5 and will be send on request.

Seeds all Garden collected (most with known origin)

Amaryllidaceae

- 1 ***Allium angulosum* L.**
2021. Acc: 1995BL00214, FRA: Presvosges. IPEN: FR-0-U-1995BL00214.
Det. by a taxonomist.
- 2 ***Allium pskemense* B.Fedtsch.**
2021. Acc: 2014BL01330, UZB: Valley Tovasksai, Tienshan. IPEN: UZ-0-U-2014BL01330. Det. by comparison.
- 3 ***Allium pskemense* B.Fedtsch.**
2021. Acc: 2016BL00197, TKM:.. IPEN: TM-0-TUEB-3569. Det. by comparison.

Apiaceae

- 4 ***Olymposciadium caespitosum* (J.E.Sm.) Wolff**
2021. Acc: 1969BL00242. IPEN: XX-0-U-1969BL00242. Det. by a taxonomist.

Apocynaceae subfam. Asclepiadoideae

- 5 ***Araujia sericifera* Brot.**
2021. Acc: 1994GR01740. IPEN: xx-0-u-1994GR01740. Det. by a taxonomist.

Araceae

- 6 ***Aglaonema commutatum* Schott var. *commutatum***
2021. Acc: 1974GR00662. IPEN: xx-0-u-1974GR00662. Det. by a taxonomist.
- 7 ***Arisaema consanguineum* Schott**
2021. Acc: 1998BL00143, CHN: Tie Jie Shan, just before the summit pass on the drive from ali to Lijiang., 3000 m, 26 45 00 N | 100 00 00 E. IPEN: CN-0-U-1998BL00143. Det. by a taxonomist.
- 8 ***Arisaema ringens* (Thunb.) Schott**
2021. Acc: 1998BL00621, JPN: without location. IPEN: JP-0-U-1998BL00621. Det. by a taxonomist.
- 9 ***Arisaema tortuosum* (Wall.) Schott**
2021. Acc: 1997BL00004, IND: Uttar Pradesh, Kumaon area, C.Himalaya, 1500 - 2800 m. Chadwell, C. et al.; no. CC-1760. IPEN: in-0-u-1997BL00004. Det. by a taxonomist.
- 10 ***Arisaema triphyllum* (L.) Schott**
2021. Acc: 1998BL00681, USA: Massachusetts, Hadley. IPEN: us-0-u-1998BL00681. Det. by a taxonomist.

Aristolochiaceae

- 11 ***Aristolochia labiata* Willd.**
2021. Acc: 1993GR00378. IPEN: XX-0-U-1993GR00378. Det. by a taxonomist.

Asparagaceae

- 12 ***Camassia scilloides* (Raf.) Cory**
2021. Acc: 1987BL00430, USA: Pennsylvania, Wildflower Preserve. IPEN: us-0-u-1987BL00430. Det. by comparison.
- 13 ***Ornithogalum montanum* Cirillo**
2021. Acc: 1995BL00504. IPEN: XX-0-U-1995BL00504. Det. by a taxonomist.
- 14 ***Ornithogalum sigmoideum* Freyn & Sint.**
2021. Acc: 1994BL01914. IPEN: XX-0-U-1994BL01914. Det. by a taxonomist.

Asphodelaceae

- 15 ***Asphodelus albus* Mill.**
2021. Acc: 2014BL01038, ITA: Monte Campestrino, Busana (RE), 1330 m, 44 22 60 N | 10 18 18 E. IPEN: IT-0-U-2014BL01038. Det. by comparison.

Asteraceae subfam. Asteroideae

- 16 ***Baccharis sagittalis* (Less.) DC.**
2021. Acc: 2015BL00440, CHL: Cordillera El Melón, Quebrada Carretón, 32 40 2.03 S | 71 03 25.14 W. 2008-04-04. IPEN: CL-0-FRP-24352. Det. by comparison.
- 17 ***Gaillardia aristata* Pursh**
2021. Acc: 2007BL00556, USA: Montana, Glacier Nat. Park, Iceberg Lake. IPEN: us-0-u-2007BL00556. Det. by comparison.
- 18 ***Helichrysum albobrunneum* S.Moore**
2021. Acc: 2011BL00320, LSO: Botha-Bothe distr., Mahlasela Pass, 3220 m. 2010-02-09. B.Ntloko. IPEN: ls-1-m-2010/2036. Det. by comparison.
- 19 ***Helichrysum nudifolium* (L.) Less. subsp. *pilosellum* (L.f.) Beentje**
2021. Acc: 2011BL00322, LSO: Qacha's Nek Distr., Ramatseliso's Gate, 2418 m. B.Ntloko. IPEN: LS-1-M-2010/0431. Det. by a taxonomist.

Brassicaceae

- 20 ***Aubrieta canescens* (Boiss.) Bornm.**
2021. Acc: 1999BL00918, TUR: Anatolia, Taurus near Pozanti. 1972. IPEN: TR-0-U-1999BL00918. Det. by a taxonomist.
- 21 ***Aubrieta thessala* Boiss.**
2021. Acc: 1997BL01116, GRC: Pieria, Olympus, Enipevs-Rema. IPEN: GR-0-U-1997BL01116. Det. by a taxonomist.
- 22 ***Erysimum pulchellum* (Willd.) Gay.**
2021. Acc: 2010BL00844, TUR: Boz Dag, 2000 m. IPEN: TR-0-U-2010BL00844. Det. by a taxonomist.
- 23 ***Matthiola incana* (L.) R.Br.**
2021. Acc: 1994BL00522, AFG: Pamir (Mnt), Darwas, 2300 m. Böhme, G.. IPEN: AF-0-U-1994BL00522. Det. by comparison.
- 24 ***Pachyphragma macrophyllum* (Hoffm.) N.Busch**
2021. Acc: 1998BL00720. IPEN: xx-0-u-1998BL00720. Det. by comparison.

Bromeliaceae

- 25 *Aechmea bracteata* (Sw.) Griseb.**
2020. Acc: 1990GR00441. IPEN: XX-0-U-1990GR00441. Det. by a taxonomist.
- 26 *Aechmea bromeliifolia* (Rudge) Baker**
2021. Acc: 2005GR00239. IPEN: xx-0-u-2005GR00239. Det. by a taxonomic specialist.
- 27 *Aechmea longicuspis* Baker**
2021. Acc: 2018GR00610, PER: Loreto, Yurimaguas, 165 m. 2012-12-21. Fernandez, R., E.J.Gouda & R.Gouda; no. 3644. IPEN: PE-0-U-2018GR00610. Det. by a taxonomic specialist.
- 28 *Aechmea nudicaulis* (L.) Griseb. var. *nudicaulis***
2021. Acc: 2005GR01419, VEN: N. Venezuela. 2003. Peter Bak; no. s..n.. IPEN: ve-0-u-2005GR01419. Det. by a taxonomic specialist.
- 29 *Guzmania lingulata* (L.) Mez**
2021. Acc: 2020GR00381, PER: probably near Moyobamba. Karol. IPEN: PE-0-U-2020GR00381. Det. by a taxonomic specialist.
- 30 *Guzmania monostachia* (L.) Rusby ex Mez var. *alba* Ariza-Julia**
2021. Acc: 2006GR01084. IPEN: XX-0-FRP-17793. Det. by a taxonomic specialist.
- 31 *Guzmania osyana* (E.Morren) Mez**
2021. Acc: 2004GR01099, ECU: Hacienda Selva negra, road to Quito. Rauh, W.; no. 34472. IPEN: ec-0-u-2004GR01099. Det. by a taxonomic specialist.
- 32 *Guzmania sanguinea* (André) André ex Mez**
2021. Acc: 2020GR00380, PAN: 2018-02-02. Jeroen van der Steen. IPEN: PA-0-U-2020GR00380. Det. by a taxonomic specialist.
- 33 *Lutheria splendens* (Brongn.) Barfuss & W.Till**
2021. Acc: 1978GR00324, SUR: Lindeman, J.C.. IPEN: SR-0-U-1978GR00324. Det. by a taxonomist.
- 34 *Pitcairnia altensteinii* (Link, Klotzsch & Otto) Lem.**
2021. Acc: 2006GR01032, VEN: N.-Venezuela, rancher station National Park Henri Pittier near Aragua and Carabobo. IPEN: ve-0-u-2006GR01032. Det. by a taxonomic specialist.
- 35 *Pitcairnia bifrons* (Lindl.) Read**
2021. Acc: 2011GR00300, GLP: Gudeloupe, La Soufriere. IPEN: GP-0-NCY-19893627. Det. by a taxonomic specialist.
- 36 *Pitcairnia burchellii* (Mez) Mez**
2021. Acc: 2017GR00237, BRA: Pernambuco, São Francisco Cannion. 2017. Leme, E.; no. 9131. IPEN: BR-0-U-2017GR00237. Det. by a taxonomic specialist.
- 37 *Pitcairnia capixaba* Fraga & Leme**
2021. Acc: 2012GR00905, BRA: Espírito Santo, border Minas Gerais, Vargena Alta. IPEN: BR-0-U-2012GR00905. Det. by a taxonomic specialist.
- 38 *Pitcairnia heterophylla* (Lindl.) Beer**
2021. Acc: 2001GR00065, ECU: Prov. Esmeraldas., Lita-San Lorenzo. IPEN: ec-0-u-2001GR00065. Det. by a taxonomic specialist.

- 39 *Pitcairnia heterophylla* (Lindl.) Beer**
2021. Acc: 2015GR00778, HND: Dept. Lempira, N.P Celaque,. 2012-12. Koopmans, Reino. IPEN: HN-0-U-2015GR00778. Det. by a taxonomic specialist.
- 40 *Pitcairnia imbricata* (Brongn.) Regel**
2021. Acc: 2005GR00894, GTM: 20 km from Guatemala City towards el Rancho, 800 m. Radtke/Moldenhauer; no. 183. IPEN: GT-0-U-2005GR00894. Det. by a taxonomic specialist.
- 41 *Pitcairnia imbricata* (Brongn.) Regel**
2021. Acc: 2009GR01293, GTM: dept. Guatemala, CA9 to El Rancho, 24 km behind ciudad de Guatemala, 750 m. Radtke & Moldenhauer; no. 167. IPEN: GT-0-B-2794993. Det. by a taxonomic specialist.
- 42 *Pitcairnia longissimiflora* Ibisch, R.Vásquez & E.Gross**
2021. Acc: 2007GR01149, BOL: Cochabamba, Prov. Chapaie, Parque Nacional Carrusco, 300 m. T.Kromer; no. 8664. IPEN: bo-0-b-2890200. Det. by a taxonomic specialist.
- 43 *Pitcairnia maidifolia* (C.Morren) Decne.**
2021. Acc: 2016GR00700, COL: Lowlands to Medina Rd. near tower, 700 m. 2016. Peter Tristram. IPEN: CO-0-U-2016GR00700. Det. by a taxonomic specialist.
- 44 *Pitcairnia orchidifolia* Mez**
2020. Acc: 2012GR00664, VEN: Carabobo, along the old road from Valencia to Puerto Cabello, 250 m. 1997. IPEN: VE-0-U-2012GR00664. Det. by a taxonomic specialist.
- 45 *Pitcairnia orchidifolia* Mez**
2020. Acc: 2016GR00908, VEN: Cuyagua district in Aragua. IPEN: VE-0-U-2016GR00908. Det. by a taxonomic specialist.
- 46 *Pitcairnia recurvata* (Scheidw.) K.Koch**
2020. Acc: 2015GR00941, GTM: Semuc (Guatamala/Belize). Piet van Beest (BCG). IPEN: GT-0-U-2015GR00941. Det. by a taxonomic specialist.
- 47 *Pitcairnia scepstrigera* Mez**
2021. Acc: 2006GR00034, ECU: Azuay, Road Cuenca - Passaje, 700 m. 2005-11-22. E.J.Gouda & J.Manzanares; no. 05-24. IPEN: EC-0-U-2006GR00034. Det. by a taxonomic specialist.
- 48 *Pitcairnia villetaensis* Rauh**
2021. Acc: 2000GR00646, COL: Bogota - Villeta, 900 m. Rauh, W.; no. 37089. IPEN: co-0-u-2000GR00646. Det. by a taxonomic specialist.
- 49 *Racinaea tenuispica* (André) M.A.Spencer & L.B.Sm.**
2020. Acc: 2018GR00502, COL: Tolima, S of Fusagasugá, near La Vega, 1336 m. 2015. Monika Bruggaier & Timm Stolten; no. BS-CO-2015-33. IPEN: CO-0-U-2018GR00502. Det. by a taxonomic specialist.
- 50 *Tillandsia heterophylla* E.Morren**
2021. Acc: 2004GR01125, MEX: without further locality (Tropiflora 1992). IPEN: mx-0-u-2004GR01125. Det. by a taxonomic specialist.
- 51 *Tillandsia oerstediana* L.B.Sm.**
2019. Acc: 2005GR01563. IPEN: xx-0-u-2005GR01563. Det. by a taxonomic specialist.

- 52 *Tillandsia towarensis* Mez**
2019. Acc: 2009GR01171, VEN: 2500 m. Frank Hase (Bochum, Germany). IPEN: ve-0-u-2009GR01171. Det. by a taxonomic specialist.
- 53 *Vriesea rubra* (Ruiz & Pav.) Beer**
2020. Acc: 2016GR00717, COL: Buena Vista area, above Villavicencio, 800 m. 2016. Peter Tristram; no. #2. IPEN: CO-0-U-2016GR00717. Det. by a taxonomic specialist.
- 54 *Vriesea rubra* (Ruiz & Pav.) Beer**
2020. Acc: 2016GR00719, COL: above Choachi, 2500 m. 2016. Peter Tristram. IPEN: CO-0-U-2016GR00719. Det. by a taxonomic specialist.
- 55 *Wallisia cyanea* Barfuss & W.Till**
2021. Acc: 2004GR01092. IPEN: XX-0-U-2004GR01092. Det. by a taxonomic specialist.
- 56 *Zizkaea tuerckheimii* (Mez) W.Till & Barfuss**
2021. Acc: 2004GR01127, DOM: Hispaniola. IPEN: do-0-u-2004GR01127. Det. by a taxonomic specialist.

Cannaceae

- 57 *Canna paniculata* Ruiz & Pav.**
2021. Acc: 1976GR00106, PER: dept. Huanuco, Puente Durand, herb. 5 m, fls. red/orange; 76-03-22, 1000 m. Plowman, T. & Kennedy, H.; no. 5700. IPEN: pe-0-u-1976GR00106. Det. by a taxonomic specialist.

Caryophyllaceae

- 58 *Cerastium boissieri* Gren.**
2021. Acc: 2005BL01077, ESP: Granada, Sierra Nevada. IPEN: ES-0-U-2005BL01077. Det. by a taxonomist.
- 59 *Cerastium candidissimum* Correns**
2021. Acc: 1978BL00051, GRC: Macedonia, Mts. Parnassos., 1750 m. IPEN: GR-0-U-1978BL00051. Det. by a taxonomist.
- 60 *Dianthus arenarius* L.**
2021. Acc: 2016BL00589, EST: WS, Saaremaa, Salme Community, Tehumardi. 2015. IPEN: EE-0-U-2016BL00589. Det. by a taxonomist.
- 61 *Dianthus plumarius* L.**
2021. Acc: 1991BL00209, AUT: Niederösterreich, Hundsheimer Berge., 400 m. IPEN: AT-0-U-1991BL00209. Det. by a taxonomist.
- 62 *Minuartia circassica* (Albov) Woron.**
2021. Acc: 2002BL00794, TUR: Kalkanli Dag. IPEN: TR-0-U-2002BL00794. Det. by a taxonomist.

Costaceae

- 63 *Costus malortieanus* H.Wendl.**
2021. Acc: 1968GR20228. IPEN: XX-0-U-1968GR20228. Det. by a taxonomic specialist.

Crassulaceae

- 64 ***Sedum dasyphyllum* L.**
2021. Acc: 1992HR32295, MAR.: H.'t Hart (also HTH); no. 50.107. IPEN: ma-0-u-1992HR32295. Det. by a taxonomic specialist.
- 65 ***Sedum gracile* C.A.Meyer**
2021. Acc: 1993BL00011, TUR: Prov. Kars, 7 km S. of Camçavuş along the river Mozra, 15 km N. of Kars along the road to Susuz, volcanic rocks and cliffs., 1650 m. Alpinar, K. & H.'t Hart; no. 329. IPEN: TR-0-U-1993BL00011. Det. by a taxonomic specialist.
- 66 ***Sedum gracile* C.A.Meyer**
2021. Acc: 1995BL01099, TUR: Ziganapass., 2100 m. IPEN: TR-0-U-1995BL01099. Det. by a taxonomist.
- 67 ***Sempervivum tectorum* L. subsp. *alpinum* (Griseb. & Sch.) Wettst.**
2021. Acc: 1962BL00246. IPEN: xx-0-u-1962BL00246. Det. by a taxonomist.

Cupressaceae

- 68 ***Cupressus sempervirens* L.**
2021. Acc: 2004RD00255, HRV: Kotisina. 2001-09-28. IPEN: HR-0-U-2004RD00255. Det. by comparison.

Fabaceae subfam. Faboideae

- 69 ***Anthyllis montana* L. subsp. *montana***
2021. Acc: 1987BL00366, FRA: Montagne de Tauch, Aude. IPEN: FR-0-U-1987BL00366. Det. by a taxonomist.
- 70 ***Dorycnium hirsutum* (L.) Ser.**
2021. Acc: 2003BL01367, ITA: Altopiano delle Manie (SV)., 300 m. 1999-07-14. IPEN: it-0-u-2003BL01367. Det. by comparison.

Geraniaceae

- 71 ***Geranium magniflorum* Knuth**
2021. Acc: 2008BL00538, ZAF: Cape Provinces, Barkly East Division. IPEN: ZA-0-U-2008BL00538. Det. by comparison.
- 72 ***Pelargonium alchemilloides* (L.) L'Hér.**
2021. Acc: 2011ZS00378, ZAF: Balloch, Balloch Farm (near S border of Lesotho). IPEN: za-0-u-2011ZS00378. Det. by comparison.

Hypericaceae

- 73 ***Hypericum olympicum* L.**
2021. Acc: 2010BL00863, GRC: Taygetos mts., 1500 m. 2008. IPEN: GR-0-U-2010BL00863. Det. by a taxonomist.

Iridaceae

- 74 ***Iris lutescens* Lam.**
2021. Acc: 1964BL00083, AUT.: IPEN: AT-0-U-1964BL00083. Det. by a taxonomist.

- 75** *Iris sintenisii* Janka subsp. *sintenisii* Janka
2021. Acc: 2003BL01006, BGR: Black Sea coast, Perla N of Primorsko village., 2 m, 42 17 17 N | 027 45 18 E. IPEN: bg-0-u-2003BL01006. Det. by a taxonomist.

Lamiaceae

- 76** *Horminum pyrenaicum* L.
2021. Acc: 2002BL01250, ITA: Dolomites, Selva - Canazei, Passo di Sella., 1900 m. 2002-08-04. Gouda, E.J.; no. 2002-12. IPEN: it-0-u-2002BL01250. Det. by a taxonomist.
- 77** *Prunella grandiflora* (L.) Scholler
2021. Acc: 2018BL00062, ESP: Catalogne, prov. de barcelone, Santa Cecilia, Montserrat, Bages. IPEN: ES-0-M-1980/2258. Det. by comparison.
- 78** *Prunella grandiflora* (L.) Scholler subsp. *pyrenaica* (Gren. & Godr.) A. & O.Bolòs
2021. Acc: 1987BL00368, FRA: Aude, Laprade. 1986. IPEN: fr-0-u-1987BL00368. Det. by a taxonomist.
- 79** *Salvia dichroantha* Stapf
2021. Acc: 2006BL01620, TUR.: IPEN: tr-0-u-2006BL01620. Det. by comparison.
- 80** *Thymus pulegioides* L.
2021. Acc: 1977BL00189, CSK: Czechoslovakia, W Czechoslovakia, Montes Malá Fatra., 600 - 1700 m. 1977. IPEN: CS-0-U-1977BL00189. Det. by a taxonomist.

Liliaceae

- 81** *Erythronium caucasicum* Woronow
2021. Acc: 2000BL00542. IPEN: XX-0-U-2000BL00542. Det. by a taxonomist.
- 82** *Erythronium dens-canis* L.
2021. Acc: 1998BL01374, FRA: Ain, mnt. du Vuache (environ au sommet)., 1100 m. IPEN: FR-0-U-1998BL01374. Det. by a taxonomist.

Malvaceae

- 83** *Abroma augusta* (L.) L.f.
2021. Acc: 2019GR00951. IPEN: XX-0-Jena-7832766. Det. by a taxonomist.

Onagraceae

- 84** *Fuchsia magellanica* Lam.
2021. Acc: 2007BL00900, CHL: Magellanes (reg. XII), Aisen, Capitan Prat, Rio Bravo valley, between Rio Resbalon and El Sordo. IPEN: CL-0-U-2007BL00900. Det. by a taxonomist.

Plantaginaceae

- 85** *Digitalis viridiflora* Lindl.
2021. Acc: 2002BL01044, BGR: Eastern Rodopi., 1700 m. 2002. Prov: Garden - known wild origin. IPEN: bg-0-u-2002BL01044. Det. by a taxonomist.

- 86 ***Penstemon digitalis* Nutt.**
2021. Acc: 2008BL01647, USA: Texas, Edwards Co., 747 m. IPEN: US-0-U-2008BL01647. Det. by a taxonomist.
- 87 ***Plantago sempervirens* Crantz**
2021. Acc: 2014BL01168, ITA: Strada per Campo Imperatore, 1300 m. Det. by comparison.
- 88 ***Veronica spicata* L. subsp. *spicata***
2021. Acc: 2008BL00643, FRA: Lautaret, 2000 m. IPEN: FR-0-U-2008BL00643. Det. by a taxonomist.
- 89 ***Veronica surculosa* Boiss. & Bal.**
2021. Acc: 1992BL01025, TUR: Prov. Nigde, Bolkar Dag. IPEN: tr-0-u-1992BL01025. Det. by comparison.

Plumbaginaceae

- 90 ***Armeria maritima* (Mill.) Willd. subsp. *andina* (Poepp. ex Boiss.) Moore & H.O.Yates**
2021. Acc: 2016BL00503, ARG: Santa Cruz, Lago Argentina, Calafate, Peninsula Magellanes. IPEN: AR-0-M-2002/0912. Det. by comparison.
- 91 ***Armeria maritima* (Mill.) Willd. subsp. *elongata* (Hoffm.) Bonnier**
2021. Acc: 2009BL00714, ITA: Prov. Siena, Podernovo/Casole d'Elsa, gariga su serpentimo, 230 m. 2008-06-25. A. Donati & P. Castagnini (IT). IPEN: IT-0-U-2009BL00714. Det. by a taxonomist.
- 92 ***Armeria welwitschii* Boiss.**
2021. Acc: 1999BL00738, PRT: Quiaios, 40.13N, 8.51W; 98-10-21. IPEN: PT-0-U-1999BL00738. Det. by a taxonomist.

Poaceae subfam. Pharoideae

- 93 ***Melica nutans* L.**
2021. Acc: 2014BL01070, AUT: Salzburg, Fürstenbrunn NNW 500 m, 435 m. 2013-06. Johann Peter Gruber. IPEN: AT-0-U-2014BL01070. Det. by a taxonomist.

Poaceae subfam. Pooideae

- 94 ***Stipa gigantea* Link**
2021. Acc: 2000BL00380, ESP: Arcos de la Frontera, pinède de pins parasols avec chênes lièges. IPEN: ES-0-U-2000BL00380. Det. by comparison.

Polygonaceae

- 95 ***Atraphaxis billardierei* Jaub. & Spach**
2021. Acc: 2007BL00648, TUR: Mor DAg, 3000 m. IPEN: TR-0-U-2007BL00648. Det. by a taxonomist.
- 96 ***Eriogonum heracleoides* Nutt. var. *heracleoides* Boiss.**
2021. Acc: 2007BL00333, USA: Utah, Wasatch Mts. John Stirrans (Utah). IPEN: US-0-U-2007BL00333. Det. by a taxonomist.

Primulaceae

- 97 ***Ardisia solanacea* Roxb.**
2021. Acc: 1974GR00008. IPEN: xx-0-u-1974GR00008. Det. by a taxonomist.

Ranunculaceae subfam. Ranunculoideae

- 98 ***Pulsatilla montana* (Hoppe) Rchb.**
2021. Acc: 2016BL00189, SVK: Detva. IPEN: SK-0-GIESS-2011-J-385-2. Det. by a taxonomist.
- 99 ***Trollius europaeus* L. subsp. *europaeus***
2021. Acc: 1979BL00236, FRA: (Hautes Pyrenees) Gavarnie, on humid meadow. IPEN: fr-0-u-1979BL00236. Det. by a taxonomist.

Rosaceae

- 100 ***Acaena inermis* Hook.f.**
2021. Acc: 1992BL00081, NZL.: IPEN: NZ-0-U-1992BL00081. Det. by a taxonomist.
- 101 ***Acaena ovalifolia* Ruiz & Pav.**
2021. Acc: 2016BL00744, PER: Amazonas, Prov. Chachapoyas, Rd. Leymebamba to Balsas, near Collonce, 3513 m, 6 43 41.79 S | 77 53 12.7 W. 2015-11-28. Gouda, E.J.; no. 15-321. IPEN: PE-0-U-2016BL00744. Det. by a taxonomist.
- 102 ***Acaena pallida* (T.Kirk) J.W.Dawson**
2021. Acc: 2015BL00294, NZL: 45 54 28 S | 170 33 19 E. IPEN: NZ-0-TUEB-4674. Det. by a taxonomist.
- 103 ***Aruncus dioicus* (Walter) Fernald**
2021. Acc: 2007BL01365, CHE: Hasliberg, near Meiringen, 1400 m. Gerard van Buiten; no. s.n.. IPEN: ch-0-u-2007BL01365. Det. by comparison.
- 104 ***Cotoneaster ogisui* J.Fryer & B.Hymlö**
2021. Acc: 2014BL01338, CHN: Sichuan, Hanyuan, Niba Shan. 2012. IPEN: CN-0-U-2014BL01338. Det. by a taxonomic specialist.
- 105 ***Geum montanum* L.**
2021. Acc: 2004BL00666, AUT: Voralberg, Montafon, Golmerjoch, 2100 m. 2003-07-22. Gerard van Buiten; no. 2003-54. IPEN: AT-0-U-2004BL00666. Det. by comparison.
- 106 ***Potentilla alba* L.**
2021. Acc: 1988BL00342, ITA: N.Italy, Rovereto. IPEN: IT-0-U-1988BL00342. Det. by a taxonomist.
- 107 ***Potentilla arguta* Pursh**
2021. Acc: 2008BL00502, USA: Idaho. IPEN: us-0-u-2008BL00502. Det. by a taxonomist.
- 108 ***Potentilla gracilis* Douglas ex Hook. var. *flabelliformis* (Lehm.) Nutt.**
2021. Acc: 1999BL00564, USA: Rocky Mountains, (1930) without details. IPEN: us-0-u-1999BL00564. Det. by a taxonomist.
- 109 ***Sorbaria arborea* C.K.Schneid.**
2021. Acc: 2004BL00158, 2003. Chadwell, C. et al.; no. 4547. IPEN: XX-0-U-2004BL00158. Det. by a taxonomist.

110 *Spiraea densiflora* Nutt.

2021. Acc: 1972BL00020, USA: Arkansas, Sis. Count, Kangaroo Lake, at edge of a spring,, 1980 m. 1971. Roderick, W.. IPEN: US-0-U-1972BL00020. Det. by a taxonomist.

Rubiaceae

111 *Hydnophytum formicarum* Jack

2021. Acc: 1990GR00260. IPEN: XX-0-U-1990GR00260. Det. by a taxonomist.

Saxifragaceae

112 *Heuchera chlorantha* Piper

2021. Acc: 2008BL00580, CAN: British Columbia, Lillooet R.50. IPEN: CA-0-MB-1990/367. Det. by a taxonomist.

113 *Heuchera cylindrica* Douglas

2021. Acc: 2016BL00344, USA: Wyoming. IPEN: US-0-RAMB-51094. Det. by a taxonomist.

114 *Saxifraga apiculata* Engl. 'Gregor Mendel' ×

2021. Acc: 1965BL00538, CHE: no further details !. 1955. IPEN: CH-0-U-1965BL00538. Det. by a taxonomist.

115 *Saxifraga cherlerioides* D.Don var. *rebunshirensis* (Engl. & Irmsch.) Hara

2021. Acc: 1997BL00485, JPN: Hokkaido, Mt. Nishi-kumaneschiri-dake, Katoh-gun. IPEN: JP-0-U-1997BL00485. Det. by a taxonomist.

Scrophulariaceae

116 *Verbascum blattaria* L.

2021. Acc: 1975BL00209, GBR: England, no further details !. IPEN: gb-0-u-1975BL00209. Det. by a taxonomist.