

Index Seminum 2024

Utrecht University Botanic Gardens Netherlands

Each order is limited to 25 numbers

Please note our two deadlines for placing orders. For early orders the deadline is **4 January 2025**. For late orders the deadline is **28 March 2025**.

Contact: seedlist@uu.nl

- Seeds collected in the garden (incl. glasshouses), are from open- or hand-pollinated plants. Where known, the origin of the mother plant is given.
- Classification is based on the following sources:
 - Angiosperms: APG IV (2016), where for Bromeliaceae, the Encyclopaedia of Bromeliads is followed
 - Gymnosperms: Christenhusz et al. (2011)
 - Lycopods and Ferns: Christenhusz & Chase (2014)
 - Mosses: Goffinet et al. (2008) and Söderström et al. (2016)
 - Nomenclature follows POWO
- Our BGCI and IPEN institution code is U (CITES institution registration is NL007).
- Geographical position of the Garden is 52° 05' 17" N - 5° 10' 12" E.
- Average rainfall is 800 mm and Min./Max. temperatures are -24 / +37°C (mean daily coldest month -0,6°C, warmest month +21,6°C).

Collected in the gardens

Anacardiaceae

1 *Cotinus obovatus* Raf.

2024. Acc: 2021RD01758. Prov: Garden. IPEN: XX-0-U-2021RD01758. Det. by a taxonomist.

Apiaceae

2 *Angelica atropurpurea* L.

2024. Acc: 2015BL00282, USA: Michigan, Shiawassee Co., Wetland, Rose lake, Woodbury, Road Wildlife Flooding, 253 m, 42 48 59 N | 84 21 14 W. Prov: Known wild origin (from Garden). IPEN: US-0-U-2015BL00282. Det. by a taxonomist.

Araceae

3 *Arisaema ciliatum* H.Li var. *liubaense* Gusman & Gouda

2024. Acc: 1989BL00077, CHN: Sichuan, Liuba, 3600 m. 1981-09-14. Teune, C.; no. 369. Prov: Known wild origin (from Garden). IPEN: CN-0-U-1989BL00077. Det. by a taxonomic specialist.

4 *Arisaema consanguineum* Schott

2024. Acc: 2000BL00481, CHN: A Exp.-'94 China (A.G.S.); no. 2031. Prov: Known wild origin (from Garden). IPEN: CN-0-U-2000BL00481. Det. by a taxonomist.

5 *Arisaema flavum* (Forssk.) Schott

2024. Acc: 2016BL01619, IND: Garhwal Himal, 3100 m. 2014. Pavelka, M.. Prov: Known wild origin (from Garden). IPEN: IN-0-U-2016BL01619. Det. by comparison.

6 *Arisaema ringens* (Thunb.) Schott

2024. Acc: 1998BL00621, JPN: . Prov: Known wild origin (from Garden). IPEN: JP-0-U-1998BL00621. Det. by a taxonomist.

7 *Arisaema tortuosum* (Wall.) Schott

2024. Acc: 1997BL00004, IND: Uttar Pradesh, Kumaon area, C.Himalaya, 1500 - 2800 m. Chadwell, C. et al.; no. 1760. Prov: Known wild origin (from Garden). IPEN: IN-0-U-1997BL00004. Det. by a taxonomist.

8 *Pinellia ternata* (Thunb.) Makino

2024. Acc: 1996BL00736, KOR: S Korea, Pilye Medicinal Spring, Mt. Sorak, Inje-Gun, Kangwon-Do. Prov: Known wild origin (from Garden). IPEN: KR-0-U-1996BL00736. Det. by a taxonomist.

Araliaceae

9 *Aralia racemosa* L.

2024. Acc: 2023BL00248, USA: Massachusetts, Paradis Pond, Northampton (lowland), Hampshire County, 42 m. Prov: Known wild origin (from Garden).

IPEN: US-0-JENA-7433848. Det. by a taxonomist.

Aristolochiaceae

10 ***Aristolochia rotunda* L.**

2024. Acc: 2006BL01458. Prov: Garden. IPEN: XX-0-U-2006BL01458. Det. by a taxonomic specialist.

Asparagaceae

11 ***Disporum cantoniense* (Lour.) Merr.**

2024. Acc: 2007BL00945, CHN.: Chen Yi. Prov: Known wild origin (from Garden). IPEN: CN-0-U-2007BL00945. Det. by comparison.

12 ***Maianthemum racemosum* (L.) Link**

2024. Acc: 2002BL00723, CAN: Ontario, Niagara Glen, Niagara Falls. Prov: Known wild origin (from Garden). IPEN: CA-0-U-2002BL00723. Det. by a taxonomist.

13 ***Muscari pallens* (Fisch.) Garbari**

2024. Acc: 1997BL00925, ARM: Lago Sevan. Prov: Known wild origin (from Garden). IPEN: AM-0-U-1997BL00925. Det. by comparison.

Asteraceae

14 ***Centaurea macrocephala* Muss.Puschk. ex Willd.**

2024. Acc: 2016ZS01710. Prov: Garden. IPEN: XX-0-U-2016ZS01710. Det. by a taxonomist.

15 ***Coreopsis lanceolata* L.**

2024. Acc: 2023BL00847, USA: Massachusetts, South Easton. Prov: Garden. IPEN: US-0-U-2023BL00847. Det. by a taxonomist.

16 ***Perezia multiflora* (Humb. & Bonpl.) Less.**

2024. Acc: 2022BL00399. Prov: Garden. IPEN: XX-0-MB-1974/157. Det. by comparison.

17 ***Sanvitalia procumbens* Lam.**

2024. Acc: 1990ZE00538, MEX: México State, Km.26, carretera Jolalpan-Axochiapa, Morelos. Prov: Known wild origin (from Garden). IPEN: MX-0-U-1990ZE00538. Det. by a taxonomist.

18 ***Zinnia peruviana* (L.) L.**

2024. Acc: 2017ZE00273, MEX.: Prov: Known wild origin (from Garden). IPEN: MX-0-DR-012377. Det. by comparison.

Balsaminaceae

19 ***Impatiens bicolor* Royle**

2024. Acc: 2009BL01607, PAK: Khagan Valley, 1463 m. Prov: Known wild origin (from Garden). IPEN: PK-0-U-2009BL01607. Det. by a taxonomist.

20 ***Impatiens flemingii* Hook.f.**

2024. Acc: 2011BL00023, IND: Himachal Pradesh, NW Himalaya, 2300 - 2400 m. 2010. Chadwell, C. et al.; no. 6856. Prov: Known wild origin (from Garden). IPEN: IN-0-U-2011BL00023. Det. by comparison.

21 ***Impatiens scabrida* DC.**

2024. Acc: 2006BL00328, IND: Manhalli, 2000 m. Chadwell & Rumsey. Prov: Known wild origin (from Garden). IPEN: IN-0-U-2006BL00328. Det. by a taxonomist.

Berberidaceae

22 *Berberis anhwaiensis* Ahrendt

2024. Acc: 2017RD01344, CHN: Anhui Province, Mt. Huanshan. 1977. Prov: Known wild origin (from Garden). IPEN: CN-0-U-2017RD01344. Det. by comparison.

23 *Mahonia repens* (Lindl.) G.Don

2024. Acc: 2008RD00672, USA: Oregon, Hood River County, Engineers Creek, 0.6 miles east from junction of un-numbered forest road with State Route 35, 1 mile north of Robinhood Campground, Mount Hood National Forest, 1170 m, 45 21 20 N | 121 33 28 W. 2000-09-09. Washington Park Arboretum Crew; no. 00-25. Prov: Known wild origin (from Garden). IPEN: US-0-U-2008RD00672. Det. by a taxonomist.

Brassicaceae

24 *Arabis nordmanniana* (Rupr.) Rupr.

2024. Acc: 2020BL00052, GEO: Prov. Samegrelo-Zemo Svaneti, Tekhura valley, E of Doberazeni, 550 m. Prov: Known wild origin (from Garden). IPEN: GE-0-M-2017/1361. Det. by comparison.

Campanulaceae

25 *Adenophora liliifolia* (L.) A.DC.

2024. Acc: 2020BL00228, AUT: Burgenland, Bezirk (HBV), 190 m. 2019. Prov: Known wild origin (from Garden). IPEN: AT-0-WU-0022639. Det. by a taxonomist.

26 *Campanula punctata* Lam.

2024. Acc: 2022BL01782. Prov: Garden. IPEN: XX-0-U-2022BL01782. Det. by a taxonomist.

27 *Codonopsis clematidea* (Schrenk) C.B.Clarke

2024. Acc: 2016BL00611, TJK: Tadjikistan, Pamir. Prov: Known wild origin (from Garden). IPEN: TJ-0-U-2016BL00611. Det. by a taxonomist.

28 *Codonopsis lanceolata* (Siebold & Zucc.) Benth. & Hook.f. ex Trautv.

2024. Acc: 2017BL00668, KOR: Yeongbuk-myeon, Pocheon-si, Gyeonggi-do. 2016-10-25. Prov: Known wild origin (from Garden). IPEN: KR-0-U-2017BL00668. Det. by a taxonomist.

29 *Jasione montana* L.

2024. Acc: 1991ZE00653, DEU: Nordrhein-Westfalen, Niederrhein, Brüggen, R.Seine. Prov: Known wild origin (from Garden). IPEN: DE-0-U-1991ZE00653. Det. by a taxonomist.

30 *Lobelia siphilitica* L.

2024. Acc: 2006BL00742, USA: Michigan, Clinton county, S Shrub-Carr, Rose Lake Fen 2-track, 256 m, 42 47 37 N | 84 22 51 W. Prov: Known wild origin (from Garden). IPEN: US-0-U-2006BL00742. Det. by comparison.

31 *Platycodon grandiflorus* (Jacq.) A.DC.

2024. Acc: 2018ZS00227, RUS: Primorsky Krai, Telyakovsky Inlet. Prov: Known wild origin (from Garden). IPEN: RU-0-JENA-7600574. Det. by comparison.

Caprifoliaceae

- 32 ***Dipsacus sativus* (L.) Honck.**
2024. Acc: 2006ZE00320. Prov: Garden. IPEN: XX-0-U-2006ZE00320. Det. by a taxonomist.
- 33 ***Knautia dipsacifolia* Kreutzer**
2024. Acc: 1999BL00611, FRA: Briancon., 1300 m. Prov: Known wild origin (from Garden). IPEN: FR-0-U-1999BL00611. Det. by a taxonomist.
- 34 ***Lonicera involucrata* (Richardson) Banks ex Spreng. var. *involucrata***
2024. Acc: 2012BL00162, USA: Washington, Chattenbay, 10 m ü. NN, Olympic-Peninsula. Prov: Known wild origin (from Garden). IPEN: US-0-THARF-*S-193W79&. Det. by a taxonomist.
- 35 ***Patrinia* × *hybrida* Makino**
2024. Acc: 2023BL02119, JPN: 34.9471 | 135.6257. 2022-10-19. Prov: Known wild origin (from Garden). IPEN: JP-0-U-2023BL02119. Det. by a taxonomist.
- 36 ***Valeriana pyrenaica* L.**
2024. Acc: 2017ZS01057. Prov: Garden. IPEN: XX-0-U-2017ZS01057. Det. by a taxonomist.

Caryophyllaceae

- 37 ***Silene chalconica* (L.) E.H.L.Krause**
2024. Acc: 2017ZS00161, CHE: Vaud, Lausanne. IPEN: CH-0-BR-19871597. Det. by comparison.
- 38 ***Silene colorata* Poir.**
2024. Acc: 2022BL01996, GRC: Sparoza Hil. Prov: Known wild origin (from Garden). IPEN: GR-0-U-2022BL01996. Det. by a taxonomist.
- 39 ***Silene fabaria* (L.) Coyte**
2024. Acc: 2024BL00165, GRC: Central Macedonia, Chalkidiki, south of Ouranopolis towards the border of Athos, 5 - 50 m, 40 19 04.50 N | 24 00 03 E. 2017-08-16. M.Weigend. Prov: Known wild origin (from Garden). IPEN: GR-0-BONN-40468. Det. by a taxonomist.

Celastraceae

- 40 ***Tripterygium regelii* Sprague & Takeda**
2024. Acc: 1977RD00142, KOR: in Sorok National Park. 1977. Prov: Known wild origin (from Garden). IPEN: KR-0-U-1977RD00142. Det. by a taxonomist.

Chloranthaceae

- 41 ***Chloranthus sessilifolius* K.F.Wu 'Domino'**
2024. Acc: 2021ZS00072. Prov: Garden. IPEN: XX-0-U-2021ZS00072. Det. by comparison.

Crassulaceae

42 ***Hylotelephium ewersii* (Ledeb.) H.Ohba**

2024. Acc: 2006BL00191, IND: Himachal Pradesh, Borderlands of W.Tibet (from Lahoul), Chandra Valley, 4450 m. 2005. Chadwell, C. et al.; no. 5288. Prov: Known wild origin (from Garden). IPEN: IN-0-U-2006BL00191. Det. by comparison.

Cystopteridaceae

43 ***Cystopteris fragilis* (L.) Bernh.**

2024. Acc: 2014BL00747, NLD: Utrecht, Soesterberg (Airport). Prov: Known wild origin (from Garden). IPEN: NL-0-U-2014BL00747. Det. by a taxonomist.

Datisceae

44 ***Datisca cannabina* L.**

2024. Acc: 2003ZS01741, GRC: Lesvos Island, Parakila. 1997. Prov: Known wild origin (from Garden). IPEN: GR-0-U-2003ZS01741. Det. by a taxonomist.

Dryopteridaceae

45 ***Dryopteris sieboldii* (T.Moore) Kuntze**

2024. Acc: 2016ZS00938. Prov: Garden. IPEN: XX-0-U-2016ZS00938. Det. by a taxonomist.

Fabaceae

46 ***Lotus maritimus* (L.) Roth**

2024. Acc: 1999BL00727, HUN: Magyarorszag, Kishunsag between Duna R. and Tisza R. near Tatatszentgyorgy and Orgovany. Prov: Known wild origin (from Garden). IPEN: HU-0-U-1999BL00727. Det. by comparison.

Grossulariaceae

47 ***Ribes alpinum* L.**

2024. Acc: 2015RD00416, DEU: Hessen, Rheingau-Taunus, Ernstbach, forest path embankment. 2014-07-12. A. König. Prov: Known wild origin (from Garden). IPEN: DE-0-FRT-2014/258. Det. by a taxonomist.

Hydrangeaceae

48 ***Hydrangea radiata* Walter**

2024. Acc: 1998RD00297, USA: Tennessee. Prov: Known wild origin (from Garden). IPEN: US-0-U-1998RD00297. Det. by a taxonomist.

49 ***Kirengeshoma palmata* Yatabe**

2024. Acc: 1983BL00048, KOR: Gwangyang. 1982. Prov: Known wild origin (from Garden). IPEN: KR-0-U-1983BL00048. Det. by a taxonomist.

Iridaceae

50 ***Iris clarkei* Baker ex J.D.Hook.**

2024. Acc: 2003BL00200, NPL: E. Nepal, Kangchenjunga Mnts. (near Ghunsa), 2300 m. 2002. Chadwell, C. et al.; no. 4181. Prov: Known wild origin

(from Garden). IPEN: NP-0-U-2003BL00200. Det. by a taxonomist.

Juncaceae

51 ***Juncus ensifolius* Wikstr.**

2024. Acc: 1993ZS00620. Prov: Garden. IPEN: XX-0-U-1993ZS00620. Det. by a taxonomist.

Juncaginaceae

52 ***Triglochin palustris* L.**

2024. Acc: 2021ZS01402, DEU: Niedersachsen, Oldenburg. Prov: Known wild origin (from Garden). IPEN: DE-0-M-2005/2765. Det. by a taxonomist.

Lamiaceae

53 ***Lepechinia hastata* (A.Gray) Epling**

2024. Acc: 2010ZS00595. Prov: Garden. IPEN: XX-0-U-2010ZS00595. Det. by comparison.

54 ***Nepeta nuda* L.**

2024. Acc: 2020BL00429, KGZ: flood-lands of the river Noruz (Chuy valley). 2018. Prov: Known wild origin (from Garden). IPEN: KG-0-U-2020BL00429. Det. by a taxonomist.

55 ***Nepeta subsessilis* Maxim.**

2024. Acc: 2022BL00316, JPN: Hokkaido Prefecture, Esashi-gun, Hamatonbetsu-nachi. 1986-08-06. Prov: Known wild origin (from Garden). IPEN: JP-0-REYK-2003/001. Det. by comparison.

56 ***Phlomis samia* L.**

2024. Acc: 2021ZS00069, GRC: Papingko, Pindos. 2019-09-10. Capel, I. van. Prov: Known wild origin (from Garden). IPEN: GR-0-U-2021ZS00069. Det. by a taxonomic specialist.

57 ***Stachys chamissonis* Hellerman var. *cooleyae* (A.Heller) G.A.Mulligan & D.B.Munro**

2024. Acc: 2009BL00861, USA: Washington. Prov: Known wild origin (from Garden). IPEN: US-0-U-2009BL00861. Det. by a taxonomist.

58 ***Teucrium flavum* L. subsp. *flavum***

2024. Acc: 2019BL00623, ITA: Prov. Trieste, Aurisina, 156 m. Massimo Palma. Prov: Known wild origin (from Garden). IPEN: IT-0-U-2019BL00623. Det. by comparison.

59 ***Teucrium scorodonia* L.**

2024. Acc: 2023BL00186, FRA: Le Havre, 100 m, 49 30.321 N | 0 5.6300 E. Prov: Known wild origin (from Garden). IPEN: FR-0-JSUS-20210063. Det. by comparison.

Liliaceae

60 ***Cardiocrinum giganteum* (Wall.) Makino**

2024. Acc: 2017BL00991. Prov: Garden. IPEN: XX-0-U-2017BL00991. Det. by comparison.

61 ***Erythronium caucasicum* Woronow**

2024. Acc: 2000BL00542. Prov: Garden. IPEN: XX-0-U-2000BL00542. Det. by a taxonomist.

62 *Tricyrtis maculata* (D.Don) J.F.Macbr.

2024. Acc: 2021BL01875, CHN: ex Shaanxi. 2021. Prov: Known wild origin (from Garden). IPEN: CN-0-U-2021BL01875. Det. by a taxonomist.

Loasaceae

63 *Blumenbachia insignis* Schrad.

2024. Acc: 2021BL01692, ARG: Buenos Aires Province, Sierra de Cura Malal, 820 m. Prov: Known wild origin (from Garden). IPEN: AR-0-U-2021BL01692. Det. by a taxonomist.

Malvaceae

64 *Malva thuringiaca* (L.) Vis.

2024. Acc: 2015ZS00183, ROU: Near Iasi. Prov: Known wild origin (from Garden). IPEN: RO-0-U-2015ZS00183. Det. by comparison.

Papaveraceae

65 *Corydalis ochotensis* Turcz.

2024. Acc: 1992BL01308, KOR: Mt. Chukyop, Pochon- Gun, Kyonggi-Do., 400 m. Prov: Known wild origin (from Garden). IPEN: KR-0-U-1992BL01308. Det. by comparison.

66 *Glaucium grandiflorum* Boiss. & A.Huet

2024. Acc: 2023BL00235, ISR: Jerusalem. Prov: Known wild origin (from Garden). IPEN: IL-0-U-2023BL00235. Det. by a taxonomist.

Polemoniaceae

67 *Polemonium chinense* (Brand) Brand

2024. Acc: 2023BL00914, CHN: Shaanxi, Quin Ling mountains, Taibai Shan, 2500 m. 2008-09-20. H. Pettersson, H. Sjöman & H. Zetterlund; no. 142. Prov: Known wild origin (from Garden). IPEN: CN-0-GB-2008-2529. Det. by a taxonomist.

68 *Polemonium pauciflorum* subsp. *hinckleyi* (Standl.) Wherry

2024. Acc: 2009BL00514, USA: Arizona, Cochise Co., 2073 m. Alan Bradshaw (Alplains); no. 70095.17. Prov: Known wild origin (from Garden). IPEN: US-0-U-2009BL00514. Det. by comparison.

Polygonaceae

69 *Atraphaxis billardierei* Jaub. & Spach

2024. Acc: 2007BL00648, TUR: Mor Dag, 3000 m. Prov: Known wild origin (from Garden). IPEN: TR-0-U-2007BL00648. Det. by a taxonomist.

Polypodiaceae

70 *Polypodium cambricum* L.

2024. Acc: 2023BL02500, LUX.: Prov: Known wild origin (from Garden). IPEN: LU-0-U-2023BL02500. Det. by a taxonomist.

- 71 ***Polypodium glycyrrhiza* D.C.Eaton**
2024. Acc: 2015BL00717, CAN: British Columbia, Vancouver Island. Prov: Known wild origin (from Garden). IPEN: CA-0-U-2015BL00717. Det. by a taxonomist.

Portulacaceae

- 72 ***Calandrinia ranunculina* J.M.Watson, A.R.Flores & Elvebakk**
2024. Acc: 2022BL00997. Prov: Garden. IPEN: XX-0-U-2022BL00997. Det. by comparison.

Primulaceae

- 73 ***Cyclamen coum* Mill.**
2024. Acc: 2014BL00337, TUR: Kavak, 650 m. Prov: Known wild origin (from Garden). IPEN: TR-0-BERN-1973/14. Det. by a taxonomist.
- 74 ***Dionysia involucrata* Zapriag. 'Alba'**
2024. Acc: 2023BL01201. Prov: Garden. IPEN: XX-0-U-2023BL01201. Det. by comparison.
- 75 ***Lysimachia minoricensis* J.J.Rodr.**
2024. Acc: 2023BL00284, ESP.: Prov: Known wild origin (from Garden). IPEN: ES-0-MA-00086. Det. by comparison.
- 76 ***Primula pulverulenta* Duthie**
2024. Acc: 2020BL00022. Prov: Garden. IPEN: XX-0-U-2020BL00022. Det. by comparison.

Ranunculaceae

- 77 ***Aconitum orientale* Mill.**
2024. Acc: 2017BL00409, RUS: North Caucasus: Karachayevo-Cherkessiya, Arkhyz, 1600 m. North Caucasus Expedition; no. 201. Prov: Known wild origin (from Garden). IPEN: RU-0-U-2017BL00409. Det. by a taxonomist.
- 78 ***Anemone multifida* Poir.**
2024. Acc: 2020BL00636, ARG: Chubut, Cordillera de Los Andes, 1580 m. Prov: Known wild origin (from Garden). IPEN: AR-0-U-2020BL00636. Det. by comparison.
- 79 ***Beesia deltophylla* C.Y.Wu**
2024. Acc: 2021ZS00073. Prov: Garden. IPEN: XX-0-U-2021ZS00073. Det. by comparison.
- 80 ***Clematis glauca* Willd.**
2024. Acc: 2021BL01033, KGZ.: Prov: Known wild origin (from Garden). IPEN: KG-0-U-2021BL01033. Det. by a taxonomist.
- 81 ***Clematis tibetana* Kuntze var. *vernayi* (C.E.C.Fischer) W.T.Wang**
2024. Acc: 2023RD00288, NPL: N.E. Annapurna, 3100 m. 1984. Krone; no. s.n.. Prov: Known wild origin (from Garden). IPEN: NP-0-B-2810484. Det. by a taxonomist.
- 82 ***Eriocapitella hupehensis* (É.Lemoine) Christenh. & Byng**
2024. Acc: 1988BL00270, CHN: Sichuan province, Mt. Omei, 700 m. Prov: Known wild origin (from Garden). IPEN: CN-0-U-1988BL00270. Det. by

comparison.

- 83 ***Eriocapitella rivularis* (Buch.-Ham. ex DC.) Christenh. & Byng**
2024. Acc: 2004BL00172, IND: NW. Himalaya. Possibly in India?. 2003. Chadwell, C. et al.; no. 4587. Prov: Known wild origin (from Garden). IPEN: IN-0-U-2004BL00172. Not determined.
- 84 ***Knowltonia vesicatoria* Sims**
2024. Acc: 2021BL00587, ZAF: Western Cape, Table Mountain. Prov: Known wild origin (from Garden). IPEN: ZA-0-U-2021BL00587. Det. by a taxonomist.
- 85 ***Thalictrum minus* L.**
2024. Acc: 2014BL00277, JPN: Honshu, Yamanashi Pref., Fujikawaguchikomachi. Prov: Known wild origin (from Garden). IPEN: JP-0-U-2014BL00277. Det. by comparison.
- 86 ***Thalictrum pubescens* Pursh**
2024. Acc: 2017BL00664, USA: Massachusetts, Hampshire County, Northampton (lowland), Paradise Pond, 42 m, 42 19 02.83 N | 72 38 39.14 W. Prov: Known wild origin (from Garden). IPEN: US-0-U-2017BL00664. Det. by a taxonomist.

Resedaceae

- 87 ***Reseda lutea* L.**
2024. Acc: 1986ZE02541, HUN: Villany-Siklos range, Limestone sward, on steep exposed rock ridge of Szársomlyó Hill, above Nagyharsány. 1985. Prov: Known wild origin (from Garden). IPEN: HU-0-U-1986ZE02541. Det. by a taxonomist.

Rhamnaceae

- 88 ***Rhamnus saxatilis* Jacq. subsp. *tinctoria* Nyman**
2024. Acc: 2008RD00690. Prov: Garden. IPEN: XX-0-U-2008RD00690. Det. by comparison.

Rosaceae

- 89 ***Acaena myriophylla* Lindl.**
2024. Acc: 1994BL00281. Prov: Garden. IPEN: XX-0-U-1994BL00281. Det. by a taxonomist.
- 90 ***Acaena ovalifolia* Ruiz & Pav.**
2024. 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. Prov: Known wild origin (from Garden). IPEN: PE-0-U-2016BL00744. Det. by a taxonomist.
- 91 ***Crataegus coccinea* var. *pringlei* (Sarg.) J.A.Macklin & J.B.Phipps**
2024. Acc: 2017RD01072. Prov: Garden. IPEN: XX-0-U-2017RD01072. Det. by comparison.
- 92 ***Dasiphora parvifolia* (Fisch. ex Lehm.) Juz.**
2024. Acc: 2006BL01735, CHN: Gansu, Yao Shui Xia, Kang Le County, 2486 m, 35 14 53.4 N | 109 26 10.8 E. 2005-10-04. N. America China Plant Exploration Consortium; no. 2005-090. Prov: Known wild origin (from Garden). IPEN: CN-0-U-2006BL01735. Det. by a taxonomist.

- 93 ***Malus sikkimensis* (Wenz.) Koehne**
2024. Acc: 2016RD00916. Prov: Garden. IPEN: XX-0-U-2016RD00916. Det. by a taxonomist.
- 94 ***Potentilla thurberi* A.Gray**
2024. Acc: 2010ZS00425. Prov: Garden. IPEN: XX-0-U-2010ZS00425. Det. by a taxonomist.
- 95 ***Rosa hirtula* (Regel) Nakai**
2024. Acc: 2017RD01336, JPN: Honshu, Hakone. Prov: Known wild origin (from Garden). IPEN: JP-0-P-2006j314. Det. by comparison.
- 96 ***Rubus nepalensis* (Hook.f.) Kuntze**
2024. Acc: 2014RD01173, NPL: Khumbu Himal, 2800 m. Til Jung Rai et al. for C.Chadwell; no. 7626. Prov: Known wild origin (from Garden). IPEN: NP-0-U-2014RD01173. Det. by a taxonomist.
- 97 ***Sarcopoterium spinosum* (L.) Spach**
2024. Acc: 2017BL00819, GRC: Karpathos. 2017-05. Gouda, E.J.; no. EG17-02. Prov: Known wild origin (from Garden). IPEN: GR-0-U-2017BL00819. Det. by a taxonomist.

Rutaceae

- 98 ***Zanthoxylum armatum* DC. var. *armatum***
2024. Acc: 2015RD00222. Prov: Garden. IPEN: XX-0-U-2015RD00222. Det. by comparison.

Sapindaceae

- 99 ***Acer spicatum* Lam.**
2024. Acc: 2022RD00521. Prov: Garden. IPEN: XX-0-U-2022RD00521. Det. by a taxonomist.

Saxifragaceae

- 100 ***Tiarella polyphylla* D.Don**
2024. Acc: 2022ZS00883, CHN: Chengdu Xiling Xueshan, 1650 m. Prov: Known wild origin (from Garden). IPEN: CN-0-U-2022ZS00883. Det. by a taxonomist.

Schisandraceae

- 101 ***Schisandra chinensis* (Turcz.) Baill.**
2024. Acc: 2007RD01662. Prov: Garden. IPEN: XX-0-U-2007RD01662. Det. by comparison.

Scrophulariaceae

- 102 ***Diascia barberae* Hook.f.**
2024. Acc: 2020BL00011, LSO: Mokhotlong, Letseng-la-Terrae, Letseng Diamond Mine, 3122 m, 28°59'35.6" S | 28°52'25.3" E. Prov: Known wild origin (from Garden). IPEN: LS-0-M-2014/0477. Det. by a taxonomist.

Solanaceae

103 *Anisodus stramonifolius* (Wall.) G.Don

2024. Acc: 2015BL00109, NPL: Kypra to Ghunsa, 3300 m. 1989. Prov: Known wild origin (from Garden). IPEN: NP-0-REYK-2003-001. Det. by comparison.

Thymelaeaceae

104 *Daphne kosaninii* (Stoj.) Stoj.

2024. Acc: 2015BL00633, BGR: Pirin Mts., 2200 m. Prov: Known wild origin (from Garden). IPEN: BG-0-IB-005951. Det. by comparison.

Collected in the glasshouses

Alstroemeriaceae

105 *Alstroemeria psittacina* Lehm.

2024. Acc: 2007GR00924. Prov: Garden. IPEN: XX-0-U-2007GR00924. Det. by comparison.

Asteraceae

106 *Mutisia coccinea* A.St.-Hil.

2024. Acc: 2007GR00865. Prov: Garden. IPEN: XX-0-U-2007GR00865. Det. by a taxonomist.

107 *Onoseris albicans* (D.Don) Ferreyra

2024. Acc: 2015GR01044, ECU: Pichincha, Rd 28c Quito - Baeza, NW of Papallacta (S0 20 33.514 W78 13 7.358), 3906 m, 0 20 33.514 | -78 13 7.358. 2015-06-22. Gouda, E.J.; no. EG15-12. Prov: Known wild origin (from Garden). IPEN: EC-0-U-2015GR01044. Det. by comparison.

Bromeliaceae

108 *Aechmea bromeliifolia* (Rudge) Baker

2024. Acc: 2006GR00645. Prov: Garden. IPEN: XX-0-U-2006GR00645. Det. by a taxonomic specialist.

109 *Alcantarea regina* (Vell.) Harms

2024. Acc: 2021GR01095, BRA: Minas Gerais, Visconde de Mania. Peter Tristram. Prov: Known wild origin (from Garden). IPEN: BR-0-U-2021GR01095. Det. by a taxonomic specialist.

110 *Guzmania donnellsmithii* Mez

2024. Acc: 2022GR01448, PAN: Cocle, El Valle, 600 m. 1987. Wally Berg; no. P87-96. Prov: Known wild origin (from Garden). IPEN: PA-0-U-2022GR01448. Det. by a taxonomic specialist.

111 *Pitcairnia bergii* H.Luther

2024. Acc: 2015GR01039, ECU: Azuay, Rd 35 Cuenca - Loja, N of Oña, 2324 m, -3 24 34.723 | -79 10 44.662. 2015-06-16. Gouda, E.J.; no. EG15-16. Prov:

- Known wild origin (from Garden). IPEN: EC-0-U-2015GR01039. Det. by a taxonomic specialist.
- 112 *Pitcairnia burchellii* (Mez) Mez**
2024. Acc: 2017GR00237, BRA: Pernambuco, São Francisco Canyon. 2017. Leme, E.; no. 9131. Prov: Known wild origin (from Garden). IPEN: BR-0-U-2017GR00237. Det. by a taxonomic specialist.
- 113 *Pitcairnia capixaba* Fraga & Leme**
2024. Acc: 2012GR00905, BRA: Espírito Santo, border Minas Gerais, Vargena Alta. Prov: Known wild origin (from Garden). IPEN: BR-0-U-2012GR00905. Det. by a taxonomic specialist.
- 114 *Pitcairnia echinata* Hook.f.**
2024. Acc: 2010GR00365, ECU: Morona-Santiago, N of Tres Ranchos, road to Paraiso, 1140 m, 2 39 50.6 S | 78 23 52.2 W. 2008-04-01. E.J.Gouda, J.Manzanares & B.Patterson; no. 08-46. Prov: Known wild origin (from Garden). IPEN: EC-0-U-2008GR01065. Det. by a taxonomic specialist.
- 115 *Pitcairnia flammea* Lindl. var. *glabrior* L.B.Sm.**
2024. Acc: 2001GR00086, BRA: Teresopolis. Prov: Known wild origin (from Garden). IPEN: BR-0-U-2001GR00086. Det. by a taxonomic specialist.
- 116 *Pitcairnia flammea* Lindl. var. *roezlii* (E.Morr.) L.B.Sm.**
2024. Acc: 2000GR00771, BRA: Guanabara, Rio de Janeiro City. Leme, E.; no. s.n.. Prov: Known wild origin (from Garden). IPEN: BR-0-U-2000GR00771. Det. by a taxonomic specialist.
- 117 *Pitcairnia heterophylla* (Lindl.) Beer**
2024. Acc: 2009GR01351, ECU: Rio Los Cedros, 1100 m. 2008-11. Doug Binns (Aus). Prov: Known wild origin (from Garden). IPEN: EC-0-U-2009GR01351. Det. by a taxonomic specialist.
- 118 *Pitcairnia imbricata* (Brongn.) Regel**
2024. Acc: 2005GR00894, GTM: 20 km from Guatemala City towards el Rancho, 800 m. Radtke/Moldenhauer; no. 183. Prov: Known wild origin (from Garden). IPEN: GT-0-U-2005GR00894. Det. by a taxonomic specialist.
- 119 *Pitcairnia maidifolia* (C.Morren) Decne.**
2024. Acc: 2014GR00803, COL: Cauca, El Queremal Rd. 2014. Peter Tristram; no. s.n.. Prov: Known wild origin (from Garden). IPEN: CO-0-U-2014GR00803. Det. by a taxonomic specialist.
- 120 *Pitcairnia maidifolia* (C.Morren) Decne.**
2024. Acc: 2016GR00700, COL: Lowlands to Medina Rd. near tower, 700 m. 2016. Peter Tristram. Prov: Known wild origin (from Garden). IPEN: CO-0-U-2016GR00700. Det. by a taxonomic specialist.
- 121 *Pitcairnia paniculata* (Ruiz & Pav.) Ruiz & Pav.**
2024. Acc: 2005GR01560, PER: Tarapoto - Moyobamba, 700 m. 2003-09. Peter Bak; no. s.n.. Prov: Known wild origin (from Garden). IPEN: PE-0-U-2005GR01560. Det. by a taxonomic specialist.
- 122 *Pitcairnia villetaensis* Rauh**
2024. Acc: 2000GR00646, COL: Bogota - Villeta, 900 m. Rauh, W.; no. 37089. Prov: Known wild origin (from Garden). IPEN: CO-0-U-2000GR00646. Det. by a taxonomic specialist.
- 123 *Tillandsia caliginosa* W.Till**

2024. Acc: 1998GR01073, BOL: near Cochabamba or Sucre?. 1989-11. Gouda, C.S.; no. s.n.. Prov: Known wild origin (from Garden). IPEN: BO-0-U-1998GR01073. Det. by a taxonomic specialist.

124 *Tillandsia chapallillaensis* Ehlers

2024. Acc: 2004GR00599, MEX: Nayarit, near Chapallila, South of Tepic 15, km 18/19. 2004-02-18. Ehlers, Renate; no. EM041501. Prov: Known wild origin (from Garden). IPEN: MX-0-U-2004GR00599. Det. by a taxonomic specialist.

125 *Tillandsia disticha* Humb., Bonpl. & Kunth

2024. Acc: 1998GR01463, PER.: 1984. Prov: Known wild origin (from Garden). IPEN: PE-0-U-1998GR01463. Det. by a taxonomist.

126 *Tillandsia juncea* (Ruiz & Pav.) Poir.

2024. Acc: 2013GR00755, PER: Tarona Nini Pampa, 2750 m. 2003-09. Peter Bak; no. tisp187. Prov: Known wild origin (from Garden). IPEN: PE-0-U-2013GR00755. Det. by a taxonomic specialist.

127 *Tillandsia makoyana* Baker

2024. Acc: 1999GR01321, MEX: without locality. Prov: Known wild origin (from Garden). IPEN: MX-0-U-1999GR01321. Det. by a taxonomic specialist.

128 *Tillandsia pacifica* Ehlers

2024. Acc: 2008GR01147, MEX: Chiapas, East Chiapas. Prov: Known wild origin (from Garden). IPEN: MX-0-HEID-103956. Det. by a taxonomic specialist.

Fabaceae

129 *Leucaena leucocephala* (Lam.) de Wit

2024. Acc: 1988GR00056, VIR: Saint Thomas Island, on top of mountain near airlanding strip. 1967. Heemsbergen. Prov: Known wild origin (from Garden). IPEN: VI-0-U-1988GR00056. Det. by a taxonomist.

Passifloraceae

130 *Turnera ulmifolia* L.

2024. Acc: 2022GR01868. Prov: Garden. IPEN: XX-0-U-2022GR01868. Det. by a taxonomist.

Rubiaceae

131 *Coccocypselum guianense* K.Schum.

2024. Acc: 2022GR01945. Prov: Garden. IPEN: XX-0-OSN-2020-0205. Det. by a taxonomist.

Solanaceae

132 *Cestrum strigilatum* Ruiz & Pav.

2024. Acc: 1966GR01770, BRA: 1966. Lindeman, J.C.; no. 1738. Prov: Known wild origin (from Garden). IPEN: BR-0-U-1966GR01770. Det. by a taxonomist.

133 *Petunia exserta* Stehmann

2024. Acc: 2023GR00010. Prov: Garden. IPEN: XX-0-U-2023GR00010. Det. by a taxonomist.

Tropaeolaceae

134 *Tropaeolum minus* L.

2024. Acc: 2023ZS01898, PER: Arequipa, Condesuyos, Road from Aplao (Castillo) to Chuquibamba, 5.5 km from Chuquibamba, 2497 m. 2010-07-24. Prov: Known wild origin (from Garden). IPEN: PE-0-BONN-33606. Det. by comparison.

Tag: seminumsystem2024