



UPPSALA
UNIVERSITET

Uppsala linneanska trädgårdar
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2022-12-01

Semina Selecta 2022

The Linnaean Gardens of Uppsala:
The Botanical Garden, The Linnaeus Garden,
Linnaeus' Hammarby

Uppsala University



Capsicum rhomboideum in the Tropical Greenhouse.
Photo: Jesper Kårehed.

Semina Selecta 2022

The Linnaean Gardens of Uppsala:

(The Botanical Garden, The Linnaeus Garden, Linnaeus' Hammarby)

We refer to www.botan.uu.se for further information on our gardens.

Requests can be sent to botanical.garden@botan.uu.se or to the postal address on the first page. Please send your orders before March 31, 2023.

The family classification follows APG IV (The Angiosperm Phylogeny Group. 2016. An update of the Angiosperm Phylogeny Group classification for the orders and families of flowering plants: APG IV. Botanical Journal of the Linnean Society 181: 1–20).

The species names are generally according to currently accepted names in either Svensk Kulturväxtdatabas (SKUD, Nomenclature of cultivated plants in Sweden, <http://www.slu.se/skud>), Botanikportalen (The Portal to Botany, <https://botanikportalen.se/home>), or Plants of the World Online (<https://powo.science.kew.org/>).

All seeds are if not otherwise indicated the result of open pollination.

We give no warranty of correct determination of the species. Any information on erroneously determined species are highly appreciated.

The Linnaean Gardens of Uppsala only deliver plant material under the condition that the receiver acts in a manner that is consistent to the letter and the spirit of the Convention on Biological Diversity, the Convention on International Trade in Endangered Species (CITES), the Code of Conduct of the International Plant Exchange Network (IPEN), and in compliance with all relevant conventions and laws relating to the protection of biological diversity. By requesting plant material, you confirm to accept the above condition.

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Seeds collected in our plantations for Scandinavian Alpine Plants 2022

Apiaceae

1. *Angelica archangelica* L. ssp. *archangelica*

Seeds collected 27 July 2022 from a cultivated plant of known wild origin: Sweden, Härjedalen, Grönfjället. Collectors: Christina Grusell, Magnus Lidén & Roger Holt. 11 August 2012.

SE-0-UPS-2012-0560

Asteraceae

2. *Antennaria alpina* (L.) Gaertn.

Seeds collected 23 June 2022 from a cultivated plant of known wild origin: Sweden, Härjedalen, Torkilsstöten. Collectors: Christina Grusell, Magnus Lidén & Roger Holt. 9 August 2012.

SE-0-UPS-2012-0525

3. *Antennaria alpina* (L.) Gaertn.

Seeds collected 23 June 2022 from a cultivated plant of known wild origin: Sweden, Härjedalen, Torkilsstöten. Collectors: Christina Grusell, Magnus Lidén & Roger Holt. 9 August 2012.

SE-0-UPS-2012-0551

4. *Cirsium heterophyllum* (L.) Hill.

Seeds collected 27 July 2022 from a cultivated plant of known wild origin: Finland, Kuusamo, Purkupuutaanoja, 66° 22.8493' N; 29° 25.6968' E. Collection date: 16 September 2020. Seed source: Botanical Garden, University of Oulu, Finland; Index Seminum 2020, item 14. Our accession number 2021-0163.

FI-0-OULU-2020-58

5. *Erigeron borealis* (Viehr.) Simmons

Seeds collected 5 July 2022 from a cultivated plant of known wild origin: Sweden, Jämtland, Handöls Övre Kraftstation. Collectors: Christina Grusell, Annika Vinnersten & Roger Holt. 29 July 2012.

SE-0-UPS-2012-0476

6. *Erigeron uniflorus* L.

Seeds collected 28 July 2022 from a cultivated plant of known wild origin: Norway, Troms, Kåfjord, Guolasjavri, 750 m.a.s.l. Collector: Arve Elvebakk. 2012. Seed source: Tromsø Botanic Gardens, Tromsø, Norway; Index Seminum 2012, item 108.

NO-0-UPS-2013-0116

7. *Hieracium* L. sect. *Alpina* (Griseb.) Grelli (*Hieracium alpinum* L. s. l.)

Seeds collected 16 June 2022 from a cultivated plant of known wild origin: Sweden, Härjedalen, Torkilsstöten. Collectors: Christina Grusell, Magnus Lidén & Roger Holt. 9 August 2012.

SE-0-UPS-2012-0514

8. *Solidago virgaurea* L. ssp. *lapponica* (With.) Tzvelev (*Solidago virgaurea* L. ssp. *alpestris* (Waldst. & Kit.) Gremli)

Seeds collected 5 July 2022 from a cultivated plant of known wild origin: Norway, Troms, Storfjord, Sallooaivi, 665 m.a.s.l., 68° 07' 33" N; 20° 41' 20" E. Collectors: Ritva Hiltunen, Aino Hämmäläinen, Tuomas Kauppila & Pasi Paavola. 2011-09-12. Seed source: Botanical Garden, University of Oulu, Finland; Index Seminum 2010/2011, item 56. Our accession number 2012-0172.
NO-0-OULU-2011-980

Brassicaceae

9. *Draba alpina* L.

Seeds collected 14 June 2022 from a cultivated plant of known wild origin: Sweden, Härjedalen, Stor-Mittåkläppen. Collectors: Christina Grusell, Magnus Lidén & Roger Holt. 10 August 2012.
SE-0-UPS-2012-0708

10. *Draba glabella* Pursh var. *glabella*

Seeds collected 14 June 2022 from a cultivated plant of known wild origin: Norway, Sør-Trøndelag, Oppdal, Dovrefjell mountains, by Kongsvoll Alpine Garden, 62° 18' N, 09° 36' E. Collector: Tommy Prestø. 19 September 2012. Seed source: Ringve Botanical Garden, Trondheim, Norway; Index Seminum 2013, item 102.
NO-0-UPS-2013-0135

11. *Draba glabella* Pursh var. *hebecarpa* (Lindblom) Karlsson

Seeds collected 14 June 2022 from a cultivated plant of known wild origin: Norway, Sør-Trøndelag, Oppdal, 2 km S of Kongsvoll, 850 m.a.s.l. Collector: Örjan Nilsson. 1996.
NO-0-UPS-1997-1091

Boraginaceae

12. *Lappula deflexa* (Wahlenb.) Garcke

Seeds collected August 2022 from a cultivated plant of known wild origin: Norway, Nordland, NNO, Saltdal, Storfjord, Skogvoktergården, UTM N 7410860, E 0516916. Collector: Mats Nettelbladt. 13 August 2012.
NO-0-UPS-2012-0665

Caryophyllaceae

13. *Arenaria norvegica* Gunnerus

Seeds collected 5 July 2022 from a cultivated plant of known wild origin: Iceland, Eyjafjörður district, Krossanesborgir. Collector: Elin Gunnlaugsdóttir. Seed source: Lystigardur Akureyrar, Public Park and Botanic Garden, Iceland; Index Seminum 2010, item 726.
IS-0-UPS-2012-0080

14. *Cerastium nigrescens* (H.C.Watson) H.C.Watson var. *laxum* (Lindblom) Brysting & Elven

Seeds collected 10 August 2022 from a cultivated plant of known wild origin: Norway, E Finnmark, Tana, Leirpollen, near the river Julelva, 75 m.a.s.l. Collector: Örjan Nilsson. 1998.
NO-0-UPS-1999-1041

15. *Silena tatarica* (L.) Pers.

Seeds collected 27 July 2022 from a cultivated plant of known wild origin: Finland, Kuusamo, Jäkäläniemi, 66° 17.4910' N; 29° 37.3813' E. Collection date: 17 September 2020. Seed source: Botanical Garden, University of Oulu, Finland; Index Seminum 2020, item 33. Our accession number 2021-0169.
FI-0-OULU-2020-58

16. *Viscaria alpina* (L.) G.Don.

Seeds collected 27 July 2022 from a cultivated plant of known wild origin: Sweden, Härjedalen, Torkilsstöten, top of the mountain. Collectors: Christina Grusell, Magnus Lidén & Roger Holt. 9 August 2012.
SE-0-UPS-2012-0522

Cyperaceae

17. *Carex atrata* L.

Seeds collected 17 August 2022 from a cultivated plant of known wild origin: Sweden, Härjedalen, Torkilsstöten. Collectors: Christina Grusell, Magnus Lidén & Roger Holt. 9 August 2012.
SE-0-UPS-2012-0635

18. *Carex myosuroides* Vill.

Seeds collected 19 August 2022 from a cultivated plant of known wild origin: Iceland, Reykjavik area, Keldnaholt. Collection date: 2000-08-28. Seed source: Reykjavik Botanic Garden, Iceland; Index Seminum 2000-2001, item 0090.
IS-0-UPS-2001-1397

19. *Carex norvegica* Retz.

Seeds collected 19 August 2022 from a cultivated plant of known wild origin: Sweden, Härjedalen, Torkilsstöten. Collectors: Christina Grusell, Magnus Lidén & Roger Holt. 9 August 2012.
SE-0-UPS-2012-0637

Ericaceae

20. *Andromeda polifolia* L.

Seeds collected 8 September 2022 from a cultivated plant of known wild origin: Norway, Sør-Trøndelag, Røros, Kromberget. Collector: Örjan Nilsson. 15 July 1985.
NO-0-UPS-1985-8070

21. *Rhododendron lapponicum* (L.) Wahlenb.

Seeds collected September 2022 from a cultivated plant of known wild origin: Sweden, Torne Lappmark, Jukkasjärvi, Abisko, S of railway-station, 380 m.a.s.l. Collector: Örjan Nilsson. July 1985.
SE-0-UPS-1985-8021

Fabaceae

22. *Lotus corniculatus* L. var. *borealis* Hyl.

Seeds collected 5 July 2022 from a cultivated plant of known wild origin: Norway, Oppland, Vågå, Gjendesheim, 1,100 m.a.s.l. Collector: L. K. 5 September 2003. Seed source: Botanical Garden, University of Oslo, Oslo, Norway; Index Seminum 2005.
NO-0-UPS-2005-1036

Plantaginaceae

23. *Veronica fruticans* Jacq.

Seeds collected 17 August 2022 from a cultivated plant of known wild origin: Sweden, Torne Lappmark, Abisko, ca 500 m S of the railway-station. Collector: Örjan Nilsson. August 1991.
SE-0-UPS-1991-1505

24. *Veronica fruticans* Jacq. (“f. rosea”)

Seeds collected 28 July 2022 from a cultivated plant of known wild origin: Iceland, Geitagerdi, 65° 06' N; 14° 47' W, 8 September 2009. Seed source: Hortus Botanicus Reykjavikensis; Reykjavik, Iceland; Index Seminum 2011/2012, item 0056. Our accession number 2012-0120.
IS-0-REYK-2009/026

Poaceae

25. *Festuca ovina* L.

Seeds collected 14 June 2022 from a cultivated plant of known wild origin: Sweden, Härjedalen, Stor-Mittåkläppen. Collectors: Christina Grusell, Magnus Lidén & Roger Holt. 10 August 2012.
SE-0-UPS-2012-0603

26. *Trisetum spicatum* (L.) K.Richt.

Seeds collected 8 September 2022 from a cultivated plant of known wild origin: Iceland, Kjarnaskógur, near Akureyri, 65° 39' N; 18° 08' W, 70-80 m.a.s.l. Seed source: Lystigardur Akureyrar, Public Park and Botanic Garden, Iceland; Index Seminum 2000, item 1173.
IS-0-UPS-2001-1319

Primulaceae

27. *Primula scandinavica* Bruun

Seeds collected 14 June 2022 from a cultivated plant of known wild origin: Norway, Sør-Trøndelag, Oppdal, Kongsvoll, 900 m.a.s.l. Collector: Tommy Prestø. Seed source: Ringve Botanical Garden, Trondheim, Norway; Index Seminum 2010, item 103.
NO-0-UPS-2010-0449

Ranunculaceae

28. *Aconitum lycoctonum* L. ssp. *septentrionale* (Koelle) Korsh.

Seeds collected 27 July 2022 from a cultivated plant of known wild origin: Sweden, Härjedalen, Grönfjället. Collectors: Christina Grusell, Magnus Lidén & Roger Holt. 11 August 2012.
SE-0-UPS-2012-0549

29. *Dryas octopetala* L.

Seeds collected 23 June 2022 from a cultivated plant of known wild origin: Sweden, Torne Lappmark, W Tornehamn, 500 m.a.s.l. Collector: Örjan Nilsson. 1990.
SE-0-UPS-1990-1753

30. *Pulsatilla vernalis* (L.) Mill.

Seeds collected 14 June 2022 from a cultivated plant of known wild origin: Norway, Oppland, Beitostölen. Seed source: Gothenburg Botanical Garden, Gothenburg, Sweden; their accession no. 2013-655.
NO-0-UPS-2014-0126

31. *Ranunculus platanifolius* L.

Seeds collected 10 August 2022 from a cultivated plant of known wild origin: Sweden, Härjedalen, Torkilsstöten, near birch forest at the SE side. Collectors: Christina Grusell, Magnus Lidén & Roger Holt. 9 August 2012.
SE-0-UPS-2012-0533

32. *Trollius europaeus* L.

Seeds collected 23 June 2022 from a cultivated plant of known wild origin: Sweden, Lappland, Hemavan, slope by the gardens. Collector: A. Karlsson. 2012. Seed source: Fjällbotaniska trädgården, Hemavan, Sweden.
SE-0-UPS-2012-0669

Rosaceae

33. *Alchemilla alpina* L.

Seeds collected 19 August 2022 from a cultivated plant of known wild origin: Sweden, Härjedalen, Tännäs, Fjällnäs, 1.5 km N of the hotel. Collector: Örjan Nilsson. July 1985.
SE-0-UPS-1985-8163

34. *Potentilla crantzii* (Crantz) Fritsch

Seeds collected 9 September 2022 from a cultivated plant of known wild origin: Sweden, Härjedalen, Skärvagsvallen. Collectors: Christina Grusell, Magnus Lidén & Roger Holt. 9 August 2012.
SE-0-UPS-2012-0603

35. *Potentilla nivea* L.

Seeds collected 23 June 2022 from a cultivated plant of known wild origin: Sweden, Härjedalen, Hede, Medskogen, Ulvberget, 500 m.a.s.l. Collector: Örjan Nilsson. 1987.
SE-0-UPS-1987-8564

Saxifragaceae

36. *Saxifraga cespitosa* L.

Seeds collected 28 July 2022 from a cultivated plant of known wild origin: Iceland, Mordalur, Vík, 63° 24' N; 19° 01' W. Collection date: 11 August 2010. Seed source: Hortus Botanicus Reykjavikensis; Reykjavik, Iceland; Index Seminum 2011/2012, item 0049. Our accession number 2012-0116.
IS-0-REYK-2010/044

37. *Saxifraga cespitosa* L.

Seeds collected 15 August 2022 from a cultivated plant of known wild origin: Sweden, Härjedalen, Torkilsstöten, top of the mountain. Collectors: Christina Grusell, Magnus Lidén & Roger Holt. 9 August 2012.
SE-0-UPS-2012-0518

38. *Saxifraga cotyledon* L.

Seeds collected 28 July 2022 from a cultivated plant not of known wild origin. Seed source: Botanischer Garten Frankfurt am Main; Frankfurt am Main, Germany; Index Seminum 2002.
XX-0-UPS-2002-1302

39. *Saxifraga paniculata* Mill.

Seeds collected 5 July 2022 from a cultivated plant of known wild origin: Switzerland, Sankt Gallen, Alt St. Johann, Churfürsten, 1,620 m.a.s.l. Collection date: 2011-10-03. Seed source: Botanischer Garten der Universität Zürich, Zürich, Switzerland; Index Seminum 2011, item 368. Our accession number 2012-0012. CH-0-Z-20110588

40. *Saxifraga paniculata* Mill. ssp. *paniculata*

Seeds collected 15 August 2022 from a cultivated plant of known wild origin: Norway, Rogaland, Blåfjäll. Collector: Örjan Nilsson. July 1983. NO-0-UPS-1985-8145

Tofieldiaceae

41. *Tofieldia pusilla* (Michx.) Pers.

Seeds collected 10 August 2022 from a cultivated plant of known wild origin: Sweden, Jämtland, Lillulvåfjället, 930 m.a.s.l. Collectors: Christina Grusell, Annika Vinnersten & Roger Holt. 27 July 2012. SE-0-UPS-2012-0462

Violaceae

42. *Viola biflora* L.

Seeds collected 23 June 2022 from a cultivated plant of known wild origin: Sweden, Jämtland, Lillulvåfjället, 1,050 m.a.s.l. Collectors: Christina Grusell, Annika Vinnersten, Roger Holt & Siri Holmberg. 27 July 2012. SE-0-UPS-2012-0461

43. *Viola rupestris* F.W.Schmidt ssp. *relicta* Jalas

Seeds collected 16 June 2022 from a cultivated plant not of known wild origin. XX-0-UPS-0000-2566

Seeds collected in our plantations for plants from dry temperate regions 2022

Amaryllidaceae

44. *Allium altaicum* Pall.

Seeds collected 7 September 2022 from a cultivated plant of known wild origin: Mongolia, Tov aimag, Mongonmort sum, Erdenekhairkhan Uul, from Kherlen River to the top, 1,900 m.a.s.l. Collectors: Mattias Iwarsson, Magnus Lidén & Stefan Samuelsson. 12 August 2002.

MN-0-UPS-2002-1579

45. *Allium hymenorhizum* Ledeb.

Seeds collected 7 September 2022 from a cultivated plant of known wild origin: Kazakhstan, Almaty, Vost. Kazakhstanskaja Prov., Mt. Tinkoban, 2,000–2,400 m.a.s.l. Collectors: Mattias Iwarsson & Örjan Nilsson. 14 June 1993.

KZ-0-UPS-1993-1386

46. *Allium saxatile* M.Bieb.

Seeds collected 7 September 2022 from a cultivated plant of known wild origin: Russian Federation, Altai, Altai Mts., West Siberia. Seed source: Vera Csapody Hardy Plant Society of Hungary, Budapest, Hungary; Index Seminum 1997, item 303.

RU-0-UPS-1998-1001

Apiaceae

47. *Sanicula marilandica* L.

Seeds collected 7 September 2022 from a cultivated plant of known wild origin: Canada, Quebec, MRC Roussillon, Laprairie, 14 m.a.s.l., 45° 24' 23.45" N; 73° 27' 37.81" W. Collector: Stuart G. Hay. 7 August 2011. Seed source: Jardin botanique de Montréal, Montreal, Quebec, Canada; Index Seminum 2011, item 51.

CA-0-UPS-2012-0146

Asteraceae

48. *Tanacetum niveum* (Lag.) Sch.Bip.

Seeds collected 7 September 2022 from a cultivated plant of known wild origin: Russian Federation, Daghestan, Gunib district. Seed source: Komarov Botanical Institute of RAS, St. Petersburg, Russian Federation; Index Seminum 1954, item 2237.

RU-0-UPS-1954-1077

Iridaceae

49. *Iris setosa* Link

Seeds collected 7 September 2022 from a cultivated plant of known wild origin: Russian Federation, Sakhalin, Khabarovskiy region, De Kastri. Seed source: Jardin Botanique Armand David, La Genête, France; Index Seminum 2010, item 060.

RU-0-UPS-2010-0045

Ranunculaceae

50. *Delphinium geyeri* Greene

Seeds collected 7 September 2022 from a cultivated plant of known wild origin:
United States of America, Colorado, Boulder Co, 1,750 m.a.s.l. Seed source:
Alplains, Kiowa, Colorado, United States of America; Index Seminum 2015, item
32299.15.

US-0-UPS-2015-0492

Tubers collected in our collection of Mediterranean (s.l.) orchids 2022

All of these are to be delivered in August but needs to be ordered before March 31st.

Orchidaceae

51. *Anacamptis papilionacea* (L.) R.M.Bateman & al.

Tubers collected 2022 from a cultivated plant of known (indirect) wild origin: Greece, Crete, Asfendos. Collector: Hans Erik Wanntorp. 1989. Plant source: Stockholm University, Stockholm, Sweden. 2018. GR-0-UPS-2018-1019

52. *Anacamptis papilionacea* (L.) R.M.Bateman & al.

Tubers collected 2022 from a cultivated plant not of known wild origin. An artificial pollination between the currently unrecognized subspecific taxon *Anacamptis papilionacea* ssp. *grandiflora* and *Anacamptis papilionacea* ssp. *papilionacea*. XX-0-UPS-2020-0277

53. *Anacamptis sancta* (L.) R.M.Bateman & al.

Tubers collected 2022 from a cultivated plant of known (indirect) wild origin: Greece. GR-0-UPS-2020-0289

54. *Gennaria diphylla* (Link) Parl.

Tubers collected 2022 from a cultivated plant not of known wild origin. XX-0-UPS-2018-0414

55. *Ophrys fusca* Link x *sicula* Tineo

Tubers collected 2022 from a cultivated plant not of known wild origin. An artificial pollination between two individuals from Italy. XX-0-UPS-2020-0326

56. *Ophrys lutea* (Gouan) Cav. x *speculum* Link

Tubers collected 2022 from a cultivated plant not of known wild origin. An artificial pollination between two individuals from Italy. XX-0-UPS-2020-0329

57. *Ophrys lutea* (Gouan) Cav. x *speculum* Link x *lutea* (Gouan) Cav.

Tubers collected 2022 from a cultivated plant not of known wild origin. An artificial pollination between a hybrid resulting from artificial pollination of two individuals from Italy and an individual from Italy. XX-0-UPS-2020-0330

58. *Ophrys lutea* (Gouan) Cav. x *speculum* Link x *lutea* (Gouan) Cav.

Tubers collected 2022 from a cultivated plant not of known wild origin. An artificial pollination between a hybrid resulting from artificial pollination of two individuals from Italy and an individual from Italy. XX-0-UPS-0000-3331

59. *Ophrys sicula* Tineo

Tubers collected 2022 from a cultivated plant of known (indirect) wild origin: Italy.
IT-0-UPS-2020-0325

60. *Ophrys speculum* Link

Tubers collected 2022 from a cultivated plant not of known wild origin.
XX-0-UPS-2018-0415

61. *Ophrys speculum* Link

Tubers collected 2022 from a cultivated plant of known (indirect) wild origin: Italy.
IT-0-UPS-2020-0341

62. *Ophrys speculum* Link

Tubers collected 2022 from a cultivated plant not of known wild origin. Plant source: Stockholm University, Stockholm, Sweden. 2018.
XX-0-UPS-2020-0362

63. *Ophrys speculum* Link

Tubers collected 2022 from a cultivated plant not of known wild origin. An artificial pollination between an individual from Italy and one from Greece.
XX-0-UPS-2020-0340

64. *Ophrys sphegodes* Mill. ssp. *helenae* (Renz) Soó & D.M. Moore

Tubers collected 2022 from a cultivated plant of known (indirect) wild origin: Greece.
GR-0-UPS-2020-0351

65. *Ophrys sphegodes* Mill. ssp. *spruneri* (Nyman) E. Nelson x *sicula* L.

Tubers collected 2022 from a cultivated plant not of known wild origin. Artificial pollination.
XX-0-UPS-2020-0359

66. *Orchis italica* Poir.

Tubers collected 2022 from a cultivated plant of known (indirect) wild origin: Italy.
IT-0-UPS-2020-0367

67. *Orchis quadripunctata* Ten.

Tubers collected 2022 from a cultivated plant not of known wild origin.
XX-0-UPS-2018-1010

68. *Serapias lingua* L.

Tubers collected 2022 from a cultivated plant of known (indirect) wild origin: Italy.
IT-0-UPS-2019-0418

Material collected in the Tropical Greenhouse 2022

Acanthaceae

69. *Crossandra infundibuliformis* (L.) Nees

Seeds collected 2022 from a cultivated plant not of known wild origin.

XX-0-UPS-0000-3331

Amaranthaceae

70. *Pleuropetalum darwinii* Hook.f.

Seeds collected 2022 from a cultivated plant not of known wild origin. Seed source: Botanical Garden of the University of Turku.

XX-0-UPS-1999-3039

Amaryllidaceae

71. *Scadoxus multiflorus* (Martyn) Raf. ssp. *multiflorus*

Seeds collected 2022 from a cultivated plant of known (indirect) wild origin. Bulb source: Gothenburg Botanical Garden, Gothenburg, Sweden. (Sierra Leone, 5 km SW Freetown, 0-100 m.a.s.l., 8° 26' N; 13° 16' W. Collector: Magnus Neuendorf, 21 November 1993, no. 1559).

SL-0-UPS-2010-0641

Apocynaceae

72. *Rauvolfia tetraphylla* L.

Seeds collected 2022 from a cultivated plant not of known wild origin. Seed source: Essen.

XX-0-UPS-1992-3037

Aristolochiaceae

73. *Aristolochia fimbriata* Cham. & Schldtl.

Seeds collected 2022 from a cultivated plant not of known wild origin. Seed source: Winterbourne Botanic Garden, Birmingham University, Birmingham, UK; Index Seminum 2008/2009, item 391 (H.B. Erlangen). Our accession number: 2009-0153.

XX-0-ULM-2004-G-33

74. *Aristolochia trilobata* L.

Seeds collected 2022 from a cultivated plant of known (indirect) wild origin. Seed source: Utrecht University Botanic Gardens, Utrecht, the Netherlands; Index Seminum 2009, item 9 (French Guiana, Saül. Collector: S. Mori, no. 22351. 2007.). Our accession number 2010-0436.

GF-0-U-1992GR00904

Asteraceae

75. *Kleinia caespitosa* Thulin

Rhizomes collected 2022 from a plant collected directly from wild: Somalia, Sanaag Region, escarpment S of Laasqoray, the Geldora Pass. 10° 59' N, 48° 21' E. Collectors: Mats Thulin, Abdi Dahir & Abdisalam Hassan. 20 January 1995.

SO-0-UPS-1996-1559

Commelinaceae

76. *Palisota bracteosa* C.B. Clarke

Seeds collected 2022 from a cultivated plant not of known wild origin. Seed source: Royal Botanic Gardens Kew, Richmond, UK; Index Seminum 1964, item 4165. XX-0-UPS-1965-3001

Dioscoricaceae

77. *Dioscoria polystachia* Turcz.

Tubers collected 2022 from a cultivated plant not of known wild origin. XX-0-UPS-1985-3060

Gesneriaceae

78. *Achimenes dulcis* C.V. Morton

Tubers collected 2022 from a cultivated plant not of known wild origin. XX-0-UPS-1997-3153

79. *Corytoplectus capitatus* (Hook.) Wiehler

Seeds collected 2022 from a cultivated plant not of known wild origin. Seed source: Botanischer Garten der Justus-Liebig-Universität, Giessen, Germany; Index Seminum 1985. XX-0-UPS-2011-0086

80. *Gloxinella lindeniana* (Regel) Roason & Boggan

Seeds collected 2022 from a cultivated plant not of known wild origin. Seed source: Botanischer Garten der Universität Basel, Basel, Switzerland; Index Seminum 1992. XX-0-UPS-1993-3044

81. *Microchirita micromusa* (B.L. Burt) A. Weber & D.J. Middleton in A. Weber et al.

Seeds collected 2022 from a cultivated plant not of known wild origin. XX-0-UPS-2018-0475

82. *Niphaea oblonga* Lindl.

Tubers collected 2022 from a cultivated plant not of known wild origin. Plant source: Royal Botanic Gardens Kew, Richmond, UK. XX-0-UPS-1989-3155

83. *Rhyncoglossum obliquum* Blume

Seeds collected 2022 from a cultivated plant not of known wild origin. Seed source: Gesneriad Society Conservation Program; no. 1630. CN-0-UPS-2017-0925

Kewaceae

84. *Hypertelis bowkeriana* Sond.

Seeds collected 2022 from a cultivated plant of known wild origin: Madagascar, Toliara Province, E of Amboasary, 7 km after turning to Tsimelahy. Collectors: M. Thulin & H. Razafindraibe. 9 April 2010. MG-0-UPS-2015-0144

Melastomataceae

85. *Clidemia hirta* (L.) D. Don.

Seeds collected 2022 from a cultivated plant of known wild origin: Fiji, Mba Province, Viti Levu, Nandarivatu Forest Reserve, 800 m.a.s.l. Collector: Lars Jonsson. December 1986.

FJ-0-UPS-1987-3438

86. *Memecylon ovatum* Sm.

Seeds collected 2022 from a cultivated plant not of known wild origin. Plant source: Stockholm University, Stockholm, Sweden. 1997.

XX-0-UPS-1997-3128

Musaceae

87. *Musa velutina* H. Wendl. & Drude

Seeds collected 2022 from a cultivated plant not of known wild origin. Plant source: Bergius Botanic Garden, Stockholm, Sweden.

XX-0-UPS-2005-3003

Rubiaceae

88. *Morinda citrifolia* L.

Seeds collected 2022 from a cultivated plant not of known wild origin.

XX-0-UPS-2015-0374

Rutaceae

89. *Erythrochiton brasiliensis* Nees & Mart.

Seeds collected 2022 from a cultivated plant not of known wild origin.

XX-0-UPS-1998-3169

Solanaceae

90. *Capsicum rhomboideum* (L.) Jack

Seeds collected 2022 from a cultivated plant not of known wild origin. Seed source: Wilhelma, Der Zoologisch-Botanische Garten, Stuttgart, Germany; Index Seminum 2016, item 602. Our accession number 2017-0806.

XX-0-BONN-31580

91. *Solandra longiflora* Tussac

Seeds collected 2022 from a cultivated plant not of known wild origin. Plant source: Bergius Botanic Garden, Stockholm, Sweden.

XX-0-UPS-2007-3019

Tovariaceae

92. *Tovaria pendula* Ruiz & Pav.

Seeds collected 2022 from a cultivated plant not of known wild origin. Seed source: Utrecht University Botanic Gardens, Utrecht, the Netherlands; Index Seminum 1992.

XX-0-UPS-2018-0632

Vitaceae

93. *Leea indica* (Burm.f.) Merr.

Seeds collected 2022 from a cultivated plant not of known wild origin.

XX-0-UPS-1945-3004