

INDEX SEMINUM

GOTHENBURG BOTANICAL GARDEN
SWEDEN

2018



Eryngium maritimum L.

INDEX SEMINUM 2018

Gothenburg Botanical Garden, Sweden

Seeds from the Index Seminum are not for sale, but are available on an exchange basis exclusively for scientific, educational and nature conservation purposes.

Orders can be placed until **March 31, 2018**. We prefer orders to be posted online, but the desiderata found in the end of this catalogue can also be used and sent by e-mail or mail (reaching us by March 31 at the latest). The orders will be dispatched according to the availability of seeds.

Index Seminum online: gotbot.indexseminum.org

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The seed catalogue

- The family classification follows APGIII.
- All seeds were collected in 2017.
- Indicated provenance is for seeds.
- Index of collectors' initials can be found in the end of the catalogue.

The garden

- Latitude/longitude: 57.6805/11.9549
- Altitude: 27–120 m a.s.l.
- Mean temperature (past 10 years): 9.0 °C (0.6 °C for February, 18.4 °C for July)
- Mean annual precipitation (past 10 years): 948 mm

Amaryllidaceae

- 1 ***Allium acuminatum***
Coll.no: J.NIL 16-2, USA: Colorado, Elk River Road, Steamboat, Routt County. Prov: Garden - wild origin.
- 2 ***Allium anceps***
USA: Nevada. Prov: Garden - wild origin.
- 3 ***Allium bisceptrum***
USA: Nevada, Lyon Co. S of Como, 1950 m. Prov: Garden - wild origin.
- 4 ***Allium caesium***
UZB: S. slope of Kuramin Mt. range, near v. Rezoksai on Rd. Kokand-Taschkent, 1500 m. Prov: Garden - wild origin.
- 5 ***Allium caesium* 'Wijnrode Selektion'**
Prov: Garden.
- 6 ***Allium candolleianum***
Coll.no: LST 315, TUR: Artvin, near Barhal. Prov: Garden - wild origin.
- 7 ***Allium cyaneum***
Coll.no: HeHeHe 159, CHN: Shaanxi, Quin Ling mountains, Taibai Shan, 2700 m. Prov: Garden - wild origin.
- 8 ***Allium douglasii***
USA: OR, Umatilla Co., Blue Mtns, 1524 m. Prov: Garden - wild origin.
- 9 ***Allium douglasii***
USA: WA, Kittitas Co., 14.5 miles NW of Ellensburg, The L.T. Murray Wildlife Area, 686 m, 47.06'56" N | 120.47'12" W. Prov: Garden - wild origin.
- 10 ***Allium gunibicum***
Coll.no: NCE072, RUS: Stavropol'skiy Kray, Perkalsky Reserve, Komarov Botanical Station. Prov: Garden.
- 11 ***Allium hookeri* var. *muliense***
Coll.no: CLD 1205, CHN: Yunnan, Lijiang, Yulong Shan, Xie Ren Ji valley, above Mu Zhou Go, 3000 m. Prov: Garden - wild origin.
- 12 ***Allium komarowii***
TJK: Seravschan, Antara-Sara Valley. Prov: Garden - wild origin.
- 13 ***Allium kunthianum***
Coll.no: NCE032, RUS: Stavropol'skiy Kray, Mt. Beshtau, 1000–1400 m, 44.05 N | 43.01 E. Prov: Garden - wild origin.
- 14 ***Allium lycoanicum***
Coll.no: BATMAN 354, TUR: Sivas, Sivas - Gürün, 15 km N G., 1800 m. Prov: Garden - wild origin.
- 15 ***Allium nemrutdaghense***
Coll.no: LST 338, TUR: Adiyaman, Nemrut Dag, 2035 m, 37° 58' N | 38° 44' E. Prov: Garden - wild origin.
- 16 ***Allium nigrum***
Coll.no: Strid & al. 87-67, GRC: Island of Lesvos, cultivated field between Polichnitos and Vrisa, 39° 04' N | 26° 12' E. Prov: Garden - wild origin.
- 17 ***Allium oschaninii***
UZB: SE part of Fergana valley, Mt. N of Aravan, 25 km W. of Osch, 1000–1100 m. Prov: Garden - wild origin.
- 18 ***Allium ovalifolium***
Coll.no: ACE 1785, CHN: Yunnan, E of Summit Pass on Big Snow Mt., 4200–4600 m, 28°34.71' N | 99°49.59' E. Prov: Garden - wild origin.
- 19 ***Allium ovalifolium* var. *leuconeurum***
Prov: Garden.
- 20 ***Allium prattii***
Coll.no: KGB 126, CHN: Yunnan, Da Xue Shan, near the pass, 4400 m. Prov: Garden - wild origin.

- 21 ***Allium protensum***
Prov: Garden.
- 22 ***Allium pseudostrictum***
Coll.no: NCE076, RUS: Stavropol'skiy Kray, Perkalsky Reserve, Komarov Botanical Station. Prov: Garden.
- 23 ***Allium scabriscapum***
Coll.no: T4Z 1142, IRN: Khorasan, Bajgiran, 1770 m, 37° 37.51' N | 58° 25.53' E. Prov: Garden - wild origin.
- 24 ***Allium sikkimense***
CHN: Sichuan, Da Xue Shan, 4200 m. Prov: Garden - wild origin.
- 25 ***Allium sikkimense***
Coll.no: HeHeHe 076, CHN: Shaanxi, Quin Ling mountains, Taibai Shan, 3460 m. Prov: Garden - wild origin.
- 26 ***Allium siskiyouense***
USA: Oregon, Jackson Co., 1200 m. Prov: Garden - wild origin.
- 27 ***Allium aff. songpanicum/aciphyllum***
CHN: Sichuan, NE Aba, 3000 m. Prov: Garden - wild origin.
- 28 ***Allium wendelboanum***
Coll.no: BATMAN 039, TUR: Diyarbakir, Silvan - Kozluk, 8 km E S., ca 0.5 km N of the road. Prov: Garden - wild origin.
- 29 ***Narcissus bulbocodium var. pallidus***
Coll.no: ABS 4661, MAR: Atlas Mts. Prov: Garden - wild origin.
- 30 ***Narcissus triandrus var. cernuus***
PRT. Prov: Garden - wild origin.
- 31 ***Nectaroscordum siculum subsp. bulgaricum***
Coll.no: JP 91-73, TUR: Balikesir, Kaz Dag above Beypinar, 700 m. Prov: Garden - wild origin.
- 32 ***Nectaroscordum tripedale***
ARM: Mt. Aragats, valley of Kasah River. Prov: Garden - wild origin.

Apiaceae

- 33 ***Astrantia major***
Coll.no: NCE081, RUS: Karachayevo-Cherkessiya, Bermamyt Plateau, 1200 m, 43.42 N | 42.26 E. Prov: Garden - wild origin.
- 34 ***Astrantia maxima***
Coll.no: NCE270, RUS: Karachayevo-Cherkessiya, Arkhyz, path to Sofia Glacier, 2000–2200 m, 43.27 N | 41.16 E. Prov: Garden - wild origin.
- 35 ***Carum multiflorum***
Coll.no: AS 56263a, GRC: Ioanninon, Dodonis, Mt Timfi. Near the Vikos balcony NNE of the village of Monodendri, 1250 m, 39°54' N | 20°45' E. Prov: Garden - wild origin.
- 36 ***Eryngium maritimum***
Ipen: SE-0-GB-2017-1138, SWE: Bohuslän, Sydkoster, Saneslätten. Prov: Wild.
- 37 ***Ferula gracilis***
RUS: Altai, Krasnotschekovskiy Distr., Tigire Mt. ridge. Prov: Garden - wild origin.
- 38 ***Ferula ovina***
KGZ: Tian-Shan, Fergana Bergkette zum Pass Kok-Bel., 1000 m, 41°43'53" N | 72°53'58" E. Prov: Garden - wild origin.
- 39 ***Lomatium canbyi***
USA: Washington, Yakima Co., E of Cottonwood Ck, S of Umtanum Ridge, 670 m. Prov: Garden - wild origin.
- 40 ***Lomatium columbianum***
USA: OR, Columbia River Gorge, 183 m. Prov: Garden - wild origin.

- 41 ***Lomatium nudicaule***
USA: Washington, Kittitas Co., 14.5 miles NW of Ellensburg, L.T. Murray Wildlife Area, Morrison Canyon, 686 m, 47° 06' 57" N | 120° 47' 15" W. Prov: Garden - wild origin.
- 42 ***Lomatium triternatum***
USA: Washington, Kittitas Co., 14.5 miles NW of Ellensburg, L.T. Murray Wildlife Area, Morrison Canyon, 686 m, 47° 06' 57" N | 120° 47' 15" W. Prov: Garden - wild origin.
- 43 ***Molopospermum peloponnesiacum* subsp. *bauhinii***
ITA: Matajur. Prov: Garden - wild origin.
- 44 ***Pancicia serbica***
BIH: In fagitis Mt Maglic, 1700 m. Prov: Garden - wild origin.
- 45 ***Pimpinella rhodantha***
GEO: Caucasus, Chewi, between Kergeti and Sameba church, 1900–2100 m. Prov: Garden - wild origin.
- 46 ***Pleurospermum franchetianum***
Coll.no: HeHeHe 051, CHN: Shaanxi, Quin Ling mountains, Taibai Shan, 3400 m. Prov: Garden - wild origin.
- 47 ***Selinum wallichianum***
Coll.no: BNP 468, IND: Sikkim, Yumthang, 3000 m. Prov: Garden - wild origin.

Araceae

- 48 ***Ambrosina bassii***
Coll.no: JP 79-09, ITA: Sicilien, Mt. Gibilmasi, 350 m. Prov: Garden - wild origin.
- 49 ***Arisaema griffithii***
Prov: Garden.
- 50 ***Arisaema limbatum***
Prov: Garden.
- 51 ***Arisaema maxwellii***
Prov: Garden.
- 52 ***Arisaema speciosum* var. *mirabile***
Coll.no: BNP 085, IND: Sikkim, Lachung, just above hotel, 2900 m. Prov: Garden - wild origin.
- 53 ***Arisaema utile* 'Black'**
Prov: Garden.

Araliaceae

- 54 ***Eleutherococcus* aff. *henryi***
CHN: Sichuan, Wolong, 2700 m. Prov: Garden - wild origin.

Asparagaceae

- 55 ***Albuca fastigiata* var. *floribunda***
Coll.no: LEG 257, LSO: Drakensberg, Sehlabathebe National Park, 2440 m, 29° 51' 73" S | 29° 07' 78" E. Prov: Garden - wild origin.
- 56 ***Bellevalia forniculata***
Coll.no: BATMAN 191, TUR: Erzurum, Erzurum - Cat, 25–28 km from turnoff in E., 2090 m. Prov: Garden - wild origin.
- 57 ***Bellevalia pycnantha***
Coll.no: LST 279, TUR: Erzurum, between Tortum and Narman, Kireçli Geçidi, 1670 m, 40° 20' N | 41° 41' E. Prov: Garden - wild origin.
- 58 ***Bellevalia pycnantha***
UZB: Seravschan Mtn range, Agalik valley. Prov: Garden - wild origin.

- 59 ***Dipcadi serotinum***
Coll.no: AS 56215, ESP: Andalusia, near El Chorro N. of Alona, 500 m. Prov: Garden - wild origin.
- 60 ***Hyacinthella campanulata***
Coll.no: PW 72-90A (413), TUR: V Konya, 1100 m. Prov: Garden - wild origin.
- 61 ***Hyacinthella lazulina***
Coll.no: OS 985, TUR: Sertuval pass, 1625 m. Prov: Garden - wild origin.
- 62 ***Hyacinthella lineata* var. *lineata***
Coll.no: OS 478, TUR: 35 km after Küthaya, 1300 m. Prov: Garden - wild origin.
- 63 ***Hyacinthoides hispanica***
Coll.no: AS 56221, ESP: Andalusia, between El Bosque and Grazalema, 800 m. Prov: Garden - wild origin.
- 64 ***Hyacinthoides reverchonii***
Coll.no: K&W 85-50, ESP: Sierra de Cazorola, 1100 m. Prov: Garden - wild origin.
- 65 ***Leopoldia tenuiflora***
Coll.no: BATMAN 224, TUR: Erzurum, Cat - Bingöl, 7 km before Cirisli gecidi, 1900 m. Prov: Garden - wild origin.
- 66 ***Maianthemum dilatatum***
Coll.no: H&S 92-190, KOR: Ullung-do, Song-in bong: trail from Dodong towards summit, 645 m. Prov: Garden - wild origin.
- 67 ***Muscari adilii***
Coll.no: LST 097, TUR: Ankara, between Beypazari and Sekli, Dogandede Tepe, 990 m. Prov: Garden - wild origin.
- 68 ***Muscari anatolicum***
Coll.no: JP 87-77, TUR: 8 km from Akseki towards Beysehir, 1500 m. Prov: Garden - wild origin.
- 69 ***Muscari armeniacum***
Coll.no: BATMAN 466, TUR: Antalya, Beysehir - Antalya, 25 km N Teke gecidi, 1425 m. Prov: Garden - wild origin.
- 70 ***Muscari armeniacum***
Coll.no: NCE054, RUS: Stavropol'skiy Kray, Mt. Beshtau, 1000–1400 m, 44.05 N | 43.01 E. Prov: Garden - wild origin.
- 71 ***Muscari armeniacum* 'Blue Mammoth'**
Coll.no: MZ 04-045, RUS: Krasnodarskiy Kray, Gelendzhik -Psada. Prov: Garden - wild origin.
- 72 ***Muscari armeniacum* f. *rosea***
TUR: Antalya, 15 km N of Ibradi (Aydinkent), 1100 m. Prov: Garden - wild origin.
- 73 ***Muscari armeniacum* 'Heaven'**
Coll.no: MZ 04-042, RUS: Krasnodarskiy Kray, N of Gelendzhik, 700 m. Prov: Garden - wild origin.
- 74 ***Muscari armeniacum* 'Reflections'**
Coll.no: LST 275, TUR: Erzurum, between Tortum and Narman, Kireçli Geçidi, 1670 m, 40° 20' N | 41° 41' E. Prov: Garden - wild origin.
- 75 ***Muscari bourgaei***
Coll.no: JKP 99 28, TUR: Isparta, Davras Dagi, ski center, 1700 m, 37° 47' N | 30° 45' E. Prov: Garden - wild origin.
- 76 ***Muscari coeleste***
Coll.no: LST 194, TUR: Erzincan, 7 km W of Refahiye, on road to Catalcam, 1620 m, 39° 58' N | 39° 58' E. Prov: Garden - wild origin.
- 77 ***Muscari commutatum***
Coll.no: JKP 98 016, GRC: Makedonia, Mt. Pangeon, N-side, road to Moni Ikosifinissos, 400 m, 40°58' N | 24°06' E. Prov: Garden - wild origin.
- 78 ***Muscari discolor***
Coll.no: J&JA 6686, TUR: Sivas, Zijaret, 2100 m. Prov: Garden - wild origin.

- 79 ***Muscari inconstictum***
Coll.no: EGO.IQ 114, IRQ: Kurdistan Region, before Sakran village, 1500 m, 36°35' N | 44°54' E. Prov: Garden - wild origin.
- 80 ***Muscari kerkis***
Coll.no: AS 54744, GRC: Samos, Mt. Karvouni, 2 km NW of Profitis Ilias, 950–1000 m, 37°46' N | 26°50' E. Prov: Garden - wild origin.
- 81 ***Muscari massayanum***
Coll.no: BATMAN 293, TUR: Ercincan, 18 km W Erzincan. Prov: Garden - wild origin.
- 82 ***Muscari mirum***
Coll.no: J&JA 690.150, TUR: Mugla, SE of Altinyayla, 1650 m. Prov: Garden - wild origin.
- 83 ***Muscari neglectum***
Coll.no: T4Z 1183, IRN: Mazanderan, Kuh-e-Damavand, Larejan, 2400 m, 35° 54.85' N | 52° 11.32' E. Prov: Garden - wild origin.
- 84 ***Muscari neglectum***
Coll.no: LST 056, TUR: Eskisehir, Sivrihisardag, between Kayakent and Cheltik, 6 km S of Kayakent near pass, 1100 m, 39° 15' N | 31° 47' E. Prov: Garden - wild origin.
- 85 ***Muscari neglectum***
Coll.no: AS 56076, GRC: Island of Rodos, Mt Ataviros just W of the summit, 1000–1100 m, 36°13' N | 27°52' E. Prov: Garden - wild origin.
- 86 ***Muscari neglectum***
Coll.no: EGO.IQ 101, IRQ: Kurdistan Region, above Rosti village in village Girtik, 1590 m, 36°42' N | 44°48' E. Prov: Garden - wild origin.
- 87 ***Muscari pallens***
RUS: Ossetien, prope pagum Holst. Prov: Garden - wild origin.
- 88 ***Muscari polyanthum***
Coll.no: BATMAN 082, TUR: Van, Gürpınar - Baskale, 10 km S Hosap (Chosab Fortress), 2150 m. Prov: Garden - wild origin.
- 89 ***Muscari polyanthum f. album***
Coll.no: BATMAN 220, TUR: Erzurum, Cat - Bingöl, 7 km before Cirisli gecidi, 1900 m. Prov: Garden - wild origin.
- 90 ***Muscari pulchellum subsp. pulchellum***
GRC: Peloponessos, Nomos Arkadias, Mts Menalon, Ostrakina, 1600 m. Prov: Garden - wild origin.
- 91 ***Muscari sivrihisardaghlarensis***
Coll.no: LST 051, TUR: Eskisehir, Sivrihisardag, between Kayakent and Cheltik, 1100 m. Prov: Garden - wild origin.
- 92 ***Ornithogalum arcuatum***
Coll.no: MZ 04-004, RUS: Krasnodarskiy Kray, Dederkoi, 8 km from Tuapse, 95 m. Prov: Garden - wild origin.
- 93 ***Ornithogalum montanum***
Coll.no: AS 97-96-01, GRC: Evritanias, around the OTE station ca 3 km E of Agrafa, 1400–1500 m, 39° 09' N | 21° 39' E. Prov: Garden - wild origin.
- 94 ***Ornithogalum narbonense***
Coll.no: BATMAN 034, TUR: Sanliurfa, Siverek - Diyarbakir, Alitash, at turnoff to village Bahce Koyu. Prov: Garden - wild origin.
- 95 ***Scilla armena***
Coll.no: LST 166, TUR: Erzincan, road between Refahiye and Iliç, 1940 m, 39° 49' N | 38° 44' E. Prov: Garden - wild origin.
- 96 ***Scilla cilicica***
Coll.no: AS 55910, CYP: Akama peninsula, northern side, along walking trail to Fontana Amoroza, 30 m. Prov: Garden - wild origin.

- 97 ***Scilla litardierei***
Coll.no: HZ 85-02, YUG: Montenegro. Prov: Garden - wild origin.
- 98 ***Scilla morrisii***
Coll.no: AS 55925, CYP: Troodos mountains, SW part, 1 km S of the monastery of Panagia Chrysorrogiatissa, 700 m. Prov: Garden - wild origin.

Asteraceae

- 99 ***Ainsliaea acerifolia* var. *subapoda***
JPN: Tokyo, Okutama-machi. Prov: Garden - wild origin.
- 100 ***Anthemis macroglossa***
RUS: W Kaukasus, in Mt Musa Acitara supra vicum Dombaj, 2600 m. Prov: Garden - wild origin.
- 101 ***Aster maackii***
RUS: Primorsk, near Cape Mramorny. Prov: Garden - wild origin.
- 102 ***Centaurea abnormis***
RUS: Karachaevo-Cherkesskaya, Zelechukskiy district, Arkhyz, the Kizgich river, 2000 m. Prov: Garden - wild origin.
- 103 ***Crepis aurea***
AUT: Steiermark, Steirisch-Niederösterreichische Kalkalpen, Rax-Schneeberg-Gruppe, Schneealpe Plateau, ca 12 km NW Mürzzuschlag, 1700 m, 47.696 N | 15.609 E. Prov: Garden - wild origin.
- 104 ***Crepis pygmaea***
CHE: Valais, 1950 m. Prov: Garden - wild origin.
- 105 ***Erigeron elegantula***
Prov: Garden.
- 106 ***Erigeron venustus***
Coll.no: NCE100, RUS: Karachayevo-Cherkessiya, Bermamyt Plateau, 2500 m, 43.42 N | 42.26 E. Prov: Garden - wild origin.
- 107 ***Galatella dracunculoides***
Coll.no: NCE334, RUS: Stavropol'skiy Kray, Mount Strizament, 500 m, 44.50 N | 41.57 E. Prov: Garden - wild origin.
- 108 ***Hasteola robusta***
RUS: Sakhalin, Sakhalin Island, near Yuzhno-Sakhalinsk. Prov: Garden - wild origin.
- 109 ***Helichrysum aucheri***
TUR: Bursa, W slope of Mt. Olympus, Ulu Dag, 1600–1700 m. Prov: Garden - wild origin.
- 110 ***Inula orientalis***
Coll.no: NCE275, RUS: Karachayevo-Cherkessiya, Arkhyz, path to Sofia Glacier, 2000–2200 m, 43.27 N | 41.16 E. Prov: Garden - wild origin.
- 111 ***Jurinea arachnoidea***
RUS: Sarama, Kinel'ski, Krasnosanarskoye lesnichestvo. Prov: Garden - wild origin.
- 112 ***Ligularia subsagittata***
Coll.no: NCE282, RUS: Karachayevo-Cherkessiya, Arkhyz, path to Sofia Glacier, 2000–2200 m, 43.27 N | 41.17 E. Prov: Garden - wild origin.
- 113 ***Oreostemma alpigenum* var. *haydenii***
Prov: Garden.
- 114 ***Packera pseud aurea***
Coll.no: HZ 94-099, USA: Idaho, Idaho Co., Clearwater Nat. For., for. rd 101 24 mi from US 12, 1370 m. Prov: Garden - wild origin.
- 115 ***Parasenecio auriculatus***
KOR: Mt. Halla, 1940 m, 33°21' N | 126°31' E. Prov: Garden - wild origin.

- 116 *Rudbeckia occidentalis***
Coll.no: P.&Z. 92-259, USA: Idaho, Clearwater Co., Jaype (on Hwy 11), Meadows, 950 m. Prov: Garden - wild origin.
- 117 *Telekia speciosissima***
ITA: Lombardiet, Bergamasker Alpen, Grigna meridionale. Prov: Garden - wild origin.
- 118 *Townsendia hookeri***
Prov: Garden.
- 119 *Townsendia minima***
Prov: Garden.
- 120 *Townsendia spathulata***
Prov: Garden.

Berberidaceae

- 121 *Gymnospermium albertii***
Prov: Garden - wild origin.
- 122 *Gymnospermium altaicum***
KAZ: Loc. 325. Prov: Garden - wild origin.
- 123 *Gymnospermium odessanum***
Prov: Garden - wild origin.
- 124 *Podophyllum aurantiocaule***
Prov: Garden.

Bignoniaceae

- 125 *Incarvillea mairei* var. *multifoliata***
CHN: Sichuan, Litang, 4200 m. Prov: Garden - wild origin.

Boraginaceae

- 126 *Arnebia pulchra***
Coll.no: NCE302, RUS: Karachayevo-Cherkessiya, Arkhyz, path to Sofia lakes, 2100–2700 m, 43.27 N | 41.14 E. Prov: Garden - wild origin.
- 127 *Cerintho minor***
Coll.no: NCE190, RUS: Karachayevo-Cherkessiya, Musa Acitara, top station - cable car station, 2200–2900 m, 43.17 N | 41.39 E. Prov: Garden - wild origin.
- 128 *Echium candicans***
Prov: Garden.
- 129 *Mertensia maritima***
Ipen: SE-0-GB-2017-0879, SWE: Bohuslän, Grebbestad, Tjurpannan, 62.461567 | 14.501953. Prov: Wild.
- 130 *Phacelia grandiflora***
USA: CA, San Diego Co., San Ysidro Mtns, 792 m. Prov: Garden - wild origin.

Brassicaceae

- 131 *Aethionema rotundifolium***
RUS: W. Kaukasus, 2400 m. Prov: Garden - wild origin.
- 132 *Arabis blepharophylla***
Prov: Garden.
- 133 *Cardamine macrophylla***
Coll.no: ISSU 22, IND: Sikkim, Yumthang, E of river, 3600 m. Prov: Garden - wild origin.
- 134 *Draba dedeana* 'Eric Watson'**
Prov: Garden.

- 135 ***Draba longisiliqua***
RUS: Kaukasus, Skalistyj chr., 1100 m. Prov: Garden - wild origin.
- 136 ***Draba polytricha***
Coll.no: J.NIL 1307-9a. Prov: Garden - wild origin.
- 137 ***Draba rosularis***
TUR: Tech Dag, 3100 m. Prov: Garden - wild origin.
- 138 ***Hesperis nivea***
SVK: Stratenska Hornatina, Dolina Velkej Bielej Vody. Prov: Garden - wild origin.
- 139 ***Megacarpaea gigantea***
SUN: Pamir, Chobu-Robat Pass, 2600–3000 m. Prov: Garden - wild origin.
- 140 ***Pachyphragma macrophyllum***
Coll.no: NCE020, RUS: Stavropol'skiy Kray, Mt. Beshtau, 600–900 m, 44.07 N | 43.02 E. Prov: Garden - wild origin.

Campanulaceae

- 141 ***Adenophora aff. petiolata***
Coll.no: HeHeHe 257, CHN: Shaanxi, Qin Ling mountains, Houditang, 1900 m. Prov: Garden - wild origin.
- 142 ***Campanula formanekiana***
MKD: Pletva, Gibirsattel auf der Strasse Prilep-Gradsko, 900 m. Prov: Garden - wild origin.
- 143 ***Campanula pyramidalis***
ITA: TS, Carsiana. Prov: Garden - wild origin.
- 144 ***Campanula speciosa***
Prov: Garden.
- 145 ***Campanula tridentata***
Coll.no: J.NIL 1307-5, TUR: Rize, 8 km east of Ayder, 40°57'06.4" N 41°11'41.2" E. Prov: Garden - wild origin.
- 146 ***Campanula waldsteiniana***
Prov: Garden.
- 147 ***Codonopsis grey-wilsonii***
Prov: Garden.
- 148 ***Codonopsis ovata***
Prov: Garden.
- 149 ***Codonopsis pilosula***
Coll.no: HeHeHe 221, CHN: Shaanxi, Nan Gong Shan, 2100 m. Prov: Garden - wild origin.
- 150 ***Cyananthus lobatus***
Prov: Garden.
- 151 ***Edraianthus serpyllifolius***
Prov: Garden.
- 152 ***Edraianthus wettsteinii subsp. lovcenicus***
MNE: Lovcen, 1600 m. Prov: Garden - wild origin.
- 153 ***Hanabusaya asiatica***
KOR: Gyeonggi-do, Mt Yongmoon, 1157 m. Prov: Garden - wild origin.

Caprifoliaceae

- 154 ***Cephalaria gigantea***
Coll.no: NCE039, RUS: Stavropol'skiy Kray, Mt. Beshtau, 1000–1400 m, 44.05 N | 43.01 E. Prov: Garden - wild origin.

- 155 *Lonicera pyrenaica***
Coll.no: HZ 87-50, FRA: C Pyrenees, Lac d'Oo. Prov: Garden - wild origin.
- 156 *Triosteum pinnatifidum***
Coll.no: HeHeHe 130, CHN: Shaanxi, Quin Ling mountains, Taibai Shan, 2500 m. Prov: Garden - wild origin.
- 157 *Valeriana alliariifolia***
Coll.no: NCE248, RUS: Karachayevo-Cherkessiya, Arkhyz, slopes W of the village, 1600 m, 43.34 N | 41.17 E. Prov: Garden - wild origin.

Caryophyllaceae

- 158 *Arenaria pseudoacantholimon***
TUR: Palandok, 2300 m. Prov: Garden - wild origin.
- 159 *Dianthus amurensis* 'Siberian Blues'**
Prov: Garden.
- 160 *Dianthus caucaseus***
Coll.no: NCE023, RUS: Stavropol'skiy Kray, Mt. Beshtau, 1000–1400 m, 44.05 N | 43.01 E. Prov: Garden - wild origin.
- 161 *Dianthus giganteiformis* subsp. *pontederae***
HUN: Near village Vackisufjalu. Prov: Garden - wild origin.
- 162 *Lychnis sieboldii***
Prov: Garden.
- 163 *Saponaria pumila***
AUT: Steiermark, Lavantaler Alpen, Seetaler Alpen, Zirbitzkogelgebiet: Ost-Aufstieg zum Zirbitzkogel von der Waldheimtte, 1850–2350 m. Prov: Garden - wild origin.
- 164 *Saponaria sicula***
Coll.no: JP 94-95, TUR: Mugla, Çal Dag, 1400 m, 36°52.0' N | 29°10.1' E. Prov: Garden - wild origin.
- 165 *Silene asterias***
Coll.no: AS 56304, GRC: Florinis, Pisoderi pass ESE of the village, 1400–1450 m, 40° 47' N | 21° 16' E. Prov: Garden - wild origin.
- 166 *Silene compacta***
GEO: Khevi, Sameba church to Tscicheris River, 1900–2200 m. Prov: Garden - wild origin.
- 167 *Silene multifida***
Coll.no: NCE004, RUS: Stavropol'skiy Kray, Mt Zhelznaya, 600–700 m, 44.08 N | 43.02 E. Prov: Garden - wild origin.
- 168 *Silene rupestris***
Coll.no: NCE239, RUS: Karachayevo-Cherkessiya, Arkhyz, slopes W of the village, 1600 m, 43.34 N | 41.17 E. Prov: Garden - wild origin.
- 169 *Silene sendtneri***
MNE: Durmitor. Prov: Garden - wild origin.

Colchicaceae

- 170 *Colchicum arenasii***
Coll.no: KP 547, ITA: Sardinien, Sassari, Stintino peninsula, SW of Stagno di Casaraccio close to the sea, 40 m. Prov: Garden - wild origin.
- 171 *Colchicum autumnale***
Coll.no: KP 232, ITA: Alto Adige, Kreuzberg (M. Croce), 1550 m. Prov: Garden - wild origin.
- 172 *Colchicum corsicum***
Coll.no: KP 546, ITA: Sardinien, Sassari, Costa Paradiso, Porto Leccio, 10–20 m. Prov: Garden - wild origin.

- 173 *Colchicum haynaldii***
Coll.no: S&Z 88-104, YUG: Serbien, E. Nis above the village Sicevo, 450 m. Prov: Garden - wild origin.
- 174 *Colchicum haynaldii***
ALB: Krujë, Mt.Salisalltektut, 1100 m. Prov: Garden - wild origin.
- 175 *Colchicum haynaldii***
Coll.no: AS 56145, GRC: Ioanninon, Dodonis. Near Mesovounion on road to Aristi, 2 km from turnoff from main Ioannina road, 700 m, 39°56' N | 20°39' E. Prov: Garden - wild origin.
- 176 *Colchicum kesselringii***
Prov: Garden.
- 177 *Colchicum kotschyi***
IRN: Hamadan, Alvand Mtn. Prov: Garden - wild origin.
- 178 *Colchicum kotschyi***
IRN: Azerbaijan. Prov: Garden - wild origin.
- 179 *Colchicum longifolium***
MAR: S of Marrakech. Prov: Garden - wild origin.
- 180 *Colchicum longifolium***
FRA: Brianconnet, 990 m. Prov: Garden - wild origin.
- 181 *Colchicum lusitanum***
ITA: Marche, Monti della Laga, 700 m. Prov: Garden - wild origin.
- 182 *Colchicum multiflorum***
ESP: Castilla la Nueva, Madrid, Sierra de Guadarrama, Nr. Mon. de Poular, 1100 m. Prov: Garden - wild origin.
- 183 *Colchicum neapolitanum***
Coll.no: KP 496, ITA: Campania, Salerno, 9.6 km from Acerno to Montecorvino, 600 m. Prov: Garden - wild origin.
- 184 *Colchicum szovitsii***
BGR. Prov: Garden - wild origin.
- 185 *Colchicum szovitsii***
Coll.no: KPPZ 90-216, TUR: Tunceli, 57 km from Tunceli along Munzur River just before Ovacik, 1200 m. Prov: Garden - wild origin.
- 186 *Colchicum szovitsii***
Coll.no: T4Z 1036, IRN: Chaharmahal va-Bakhtiyari, near Surab, about 22 km, WNW Margh-E-Malek, 32° 30.01' N | 50° 15.87' E. Prov: Garden - wild origin.
- 187 *Colchicum trigynum***
IRN: Azerbaijan, 9 km W of Kivi. Prov: Garden - wild origin.
- 188 *Colchicum wendelboi***
Coll.no: T4Z 167, IRN: Lorestan, pass between Aligoudarz and Shoulabad, Kuh-e Ali, 2450–2600 m, 33° 06' 42" N | 49° 25' 25" E. Prov: Garden - wild origin.

Convolvulaceae

- 189 *Convolvulus compactus***
TUR: Darende, 1600 m. Prov: Garden - wild origin.

Crassulaceae

- 190 *Pseudosedum bucharicum***
Prov: Garden - wild origin.

Diapensiaceae

- 191 ***Berneuxia thibetica***
Prov: Garden.
- 192 ***Schizocodon ilicifolius***
Prov: Garden.
- 193 ***Schizocodon intercedens***
JPN: Yamanashi Pref. Prov: Garden - wild origin.
- 194 ***Schizocodon soldanelloides***
Prov: Garden.
- 195 ***Schizocodon soldanelloides***
Coll.no: H&S 97-157, JPN: Kyushu, Kumamoto, Mt. Aso area, Mt. Kuju, above road between Senomot and Beppu, 1680 m. Prov: Garden - wild origin.
- 196 ***Schizocodon soldanelloides***
Coll.no: H&S 97-260, JPN: Honshu, Nagano, Mt Norikura, Norikura Kogen Onsen towards the Mt. Norikura massif, S of main road, at waterfall, 1580 m. Prov: Garden - wild origin.
- 197 ***Schizocodon soldanelloides***
JPN: Kyushu, Kuju San, Chojabara-Bogatsuru, 1045–1230 m. Prov: Garden - wild origin.
- 198 ***Schizocodon soldanelloides* var. *magnus***
Prov: Garden - wild origin.
- 199 ***Shortia uniflora***
Prov: Garden.

Dioscoreaceae

- 200 ***Dioscorea balcanica***
Coll.no: KT 27830, SRB: Vojvodina, SE Banat Prov., cultivated in Bot. Garden "Jevremovac". Prov: Garden - wild origin.

Ericaceae

- 201 ***Rhododendron camtschaticum* f. *album***
Prov: Garden - wild origin.

Fabaceae

- 202 ***Hedysarum caucasicum***
Coll.no: NCE253, RUS: Karachayevo-Cherkessiya, Arkhyz, path to Sofia Glacier, 2000–2200 m, 43.27 N | 41.16 E. Prov: Garden - wild origin.
- 203 ***Lathyrus aureus***
Coll.no: AG&WL 209-1, GEO: Ratscha, between Paracheti and M'Tiscalta, near Paracheti, 1800 m, 42°30' N | 43°21' E. Prov: Garden - wild origin.
- 204 ***Lathyrus pannonicus* subsp. *varius***
ITA: Friuli Venezia Giulia, Basovizza. Prov: Garden - wild origin.
- 205 ***Podocytisus caramanicus***
Coll.no: AS 56288, GRC: Ioanninon, Konitsis, 2 km W of the village of Agia Paraskevi, 650 m, 40° 09' N | 20° 53' E. Prov: Garden - wild origin.
- 206 ***Sophora stenophylla***
USA: Utah, LN. Utah, Kane Co. Prov: Garden - wild origin.
- 207 ***Trifolium incarnatum* subsp. *molinerii***
SVN: Syme - Lipnik. Prov: Garden - wild origin.

Geraniaceae

- 208** *Geranium aristatum*
Coll.no: HZ 13-027, MKD: Galicica, below Magaro Peak, 1600 m, 40° 56' 12.7 N | 21° 49' 00.4 E. Prov: Garden - wild origin.
- 209** *Geranium gymnocaulon*
Coll.no: NCE159, RUS: Karachayevo-Cherkessiya, Musa Acitara, top station - cable car station, 2200–2900 m, 43.17 N | 41.39 E. Prov: Garden - wild origin.
- 210** *Geranium reflexum*
Coll.no: HZ 13-016, MKD: Mavrovska reka, between Volkovija and Mavrovi Anovi, 1120 m, 41° 42' 42.7 N | 20° 42' 41.6 E. Prov: Garden - wild origin.
- 211** *Geranium renardii*
Coll.no: NCE168, RUS: Karachayevo-Cherkessiya, Musa Acitara, top station - cable car station, 2200–2900 m, 43.17 N | 41.39 E. Prov: Garden - wild origin.
- 212** *Geranium subargenteum*
ESP: Picos de Europa, Puerto de las Senales. Prov: Garden - wild origin.
- 213** *Pelargonium endlicherianum*
Coll.no: KKPS 9316, TUR: Artvin, below Demirkent. Prov: Garden - wild origin.

Gesneriaceae

- 214** *Haberlea rhodopensis*
Coll.no: Strid & al. 54416, GRC: Dramas, Mt Falakro, between the ski centre and Chionotripa, 1800–2100 m, 41° 18' N | 24° 05' E. Prov: Garden - wild origin.
- 215** *Ramonda serbica*
Coll.no: HZ 13-014, MKD: Mavrovska reka, between Volkovija and Mavrovi Anovi, 1120 m, 41° 42' 42.7 N | 20° 42' 41.6 E. Prov: Garden - wild origin.

Hamamelidaceae

- 216** *Parrotia persica*
Ipen: AZ-0-GB-2017-1029, AZE: Lankaran, 51 m. Prov: Wild.
- 217** *Parrotia persica*
Ipen: AZ-0-GB-2017-1031, AZE: Lankaran, 184 m. Prov: Wild.

Hypericaceae

- 218** *Hypericum androseum*
RUS: Abkasiën, prope urbem Suchum. Prov: Garden - wild origin.
- 219** *Hypericum bupleuroides*
GEO: Guria, between Ascana and Bakhmaro, 1600 m. Prov: Garden - wild origin.
- 220** *Hypericum pseudohenryi*
Coll.no: KGB 008, CHN: Yunnan, Lijiang, S of Jian Chuan, 2520 m. Prov: Garden - wild origin.
- 221** *Hypericum cf. uralum*
CHN: Tibet, Nyingchi. Prov: Garden - wild origin.

Hypoxidaceae

- 222** *Rhodohypoxis baurii* × *milloides*
Coll.no: LEG 291, LSO: Drakensberg, Sehlabathebe National Park, 2970 m, 29° 50' 62" S | 29° 06' 68" E. Prov: Garden - wild origin.

Iridaceae

- 223** *Crocus gilanicus*
Prov: Garden.
- 224** *Crocus gilanicus* × *autranii*
Prov: Garden.
- 225** *Crocus kerndorffiorum*
Coll.no: HKEP 9010, TUR: Taurus Mts. Prov: Garden - wild origin.
- 226** *Crocus leichtlinii*
Coll.no: KPPZ 90-148, TUR: Urfa, Karaca Dag, nothern side. Way to radar station, 1650 m. Prov: Garden - wild origin.
- 227** *Crocus michelsonii*
Coll.no: T4Z 1116, IRN: Khorasan, Mashad to Kalat, ca 50 km NE Mashad, 1860 m, 36° 36.67' N | 59° 54.48' E. Prov: Garden - wild origin.
- 228** *Crocus vallicola*
Coll.no: AHEP 8328. Prov: Garden - wild origin.
- 229** *Gladiolus flanaganii*
Coll.no: GT 2000-015, ZAF: Drakensberg, Sani Pass, 2850 m. Prov: Garden - wild origin.
- 230** *Iris aucheri*
Coll.no: EGO.IQ 122, IRQ: Kurdistan Region, Rawandoz to Kahlan, Goras Mtn., 1400 m, 36°42' N | 44°27' E. Prov: Garden - wild origin.
- 231** *Iris aucheri* 'Olof'
Coll.no: KPPZ 90-157C, TUR: Diyarbakir, Leylek Station, 14 km N of Diyarbakir, 800 m. Prov: Garden - wild origin.
- 232** *Iris aucheri* 'Snowflake'
Coll.no: KPPZ 90-156C, TUR: Diyarbakir, Leylek Station, 14 km N of Diyarbakir, 800 m. Prov: Garden - wild origin.
- 233** *Iris caucasica*
Coll.no: BATMAN 176, TUR: Artvin, Ardahan - Artvin, 24 km after Savsat, 800 m. Prov: Garden - wild origin.
- 234** *Iris iberica* subsp. *elegantissima*
TUR: Izhan, 800 m. Prov: Garden - wild origin.
- 235** *Iris magnifica*
Coll.no: JR 98-62, UZB: pass Mt. Thata-karach (Aman-kutan) W of Serwschan mt. range, 1800 m. Prov: Garden - wild origin.
- 236** *Iris willmottiana*
SUN: Pamir, Pamir-Alai mts, 600 m. Prov: Garden - wild origin.
- 237** *Iris zenaidae*
KGZ: Fergana Mtn Range, Kugart, 2400–3250 m. Prov: Garden - wild origin.

Lamiaceae

- 238** *Dracocephalum austriacum*
Coll.no: NCE188, RUS: Karachayevo-Cherkessiya, Musa Acitara, top station - cable car station, 2200–2900 m, 43.17 N | 41.39 E. Prov: Garden - wild origin.
- 239** *Dracocephalum ruyschiana*
SWE: Småland, Köpstad, Vrigstad, 57.22 N | 14.29 E. Prov: Garden - wild origin.
- 240** *Eremostachys hissarica*
Prov: Garden - wild origin.
- 241** *Monarda bradburiana*
USA: Missouri, Franklin Co., Shaw Nature Reserve, Grey Summit. Prov: Garden - wild origin.

- 242** *Phlomis capitata*
TUR: Berit Dag, 2000 m. Prov: Garden - wild origin.
- 243** *Salvia canescens*
RUS: Dagestan, vallis flumen Andijskoe Kojso, locus nomine Sagdinskij most, 800 m. Prov: Garden - wild origin.
- 244** *Salvia cyanescens*
TUR. Prov: Garden - wild origin.
- 245** *Salvia dolichantha*
Prov: Garden.
- 246** *Salvia recognita*
TUR. Prov: Garden - wild origin.
- 247** *Scutellaria orientalis subsp. oreophila*
RUS: Kabardino Balkaria, 2000 m. Prov: Garden - wild origin.
- 248** *Scutellaria zhongdianensis*
Prov: Garden.
- 249** *Stachys balansae*
RUS: N Ossetia, Alagir district, the basin of Ardon river, Khalatsa river, 1500 m. Prov: Garden - wild origin.
- 250** *Stachys chamissonis var. cooleyae*
USA: Washington, King Co., Tiger Mt. State Forest, 0.5 mile E of Tradition Lake, 189 m, 47° 31' 47" N | 121° 59' 11" W. Prov: Garden - wild origin.
- 251** *Stachys macrantha*
Coll.no: LST 309, TUR: Artvin, Kaçkar Mts., Altiparmak, vicinity of Niznara village, 2600 m. Prov: Garden - wild origin.
- 252** *Teucrium orientale*
RUS: Kabardino Balkaria, 1500 m. Prov: Garden - wild origin.
- 253** *Thymus nummularius*
Coll.no: NCE116, RUS: Karachayevo-Cherkessiya, Bermamyt Plateau, 2500 m, 43.42 N | 42.26 E. Prov: Garden - wild origin.

Liliaceae

- 254** *Cardiocrinum giganteum var. yunnanense*
Coll.no: HeHeHe 036, CHN: Shaanxi, Quin Ling mountains, Taibai Shan, 1500–1550 m. Prov: Garden - wild origin.
- 255** *Fritillaria alburyana*
Coll.no: LST 246, TUR: Erzurum, Road from Erzurum to Ispir, Agiacik Geçidi, 2350 m, 40° 10' N | 40° 58' E. Prov: Garden - wild origin.
- 256** *Fritillaria aurea*
Coll.no: KPPZ 90-296, TUR: Kayseri, Ziyaret pass. 13 km from Gürün towards Pinarbasi, 1930–1950 m. Prov: Garden - wild origin.
- 257** *Fritillaria aurea* × *fleischeriana*
Coll.no: Rix 1601, TUR: Kayseri–Malıya. Prov: Garden - wild origin.
- 258** *Fritillaria bithynica*
Coll.no: J&JA 492.105, TUR: Denizli, S of Denizli, 1700 m. Prov: Garden - wild origin.
- 259** *Fritillaria bucharica*
TJK: Pamir-Alai, Hissar Mts., Kandara valley., 1100–1300 m. Prov: Garden - wild origin.
- 260** *Fritillaria caucasica*
Coll.no: LST 272, TUR: Erzurum, between Tortum and Narman, Kireçli Geçidi, 1670 m, 40° 20' N | 41° 41' E. Prov: Garden - wild origin.

- 261 *Fritillaria chlororhabdota***
Coll.no: GBK 084, IRN: Loristan. Prov: Garden - wild origin.
- 262 *Fritillaria crassifolia***
IRN. Prov: Garden - wild origin.
- 263 *Fritillaria crassifolia* subsp. *kurdica***
Coll.no: BATMAN 104, TUR: Van, Gürpınar - Baskale, just south of Cug Pass (Günzeldere gecidi), 2700 m. Prov: Garden - wild origin.
- 264 *Fritillaria fleischeriana***
TUR: 3 km S Eskisehir, 960 m. Prov: Garden - wild origin.
- 265 *Fritillaria glauca***
USA: California, Glenn Co., NW of Elk Creek (town), N of Black Butte, 2250 m. Prov: Garden - wild origin.
- 266 *Fritillaria graeca***
Coll.no: S&V 55222, GRC: Mt. Giona, Kritiharolakka NE of Plativouna, 1700–1800 m, 38° 39' N | 22° 18' E. Prov: Garden - wild origin.
- 267 *Fritillaria graeca***
Coll.no: KT & GV 30855, GRC: Nomos Achaias/Korinthias, Mt Saitas. Prov: Garden - wild origin.
- 268 *Fritillaria hermonis***
Coll.no: Wallis 99-58, LBN: Above Faraya, 2000 m. Prov: Garden - wild origin.
- 269 *Fritillaria karelinii***
Coll.no: JR 98-30, UZB: SSE slopes of Baisun-Tau (SW end of Ghisar Mt.), valley of river Pulkhakim, between villages Kaghaniyata and Sarikamish, 800 m. Prov: Garden - wild origin.
- 270 *Fritillaria kotschyana* subsp. *grandiflora***
Coll.no: PF 3520. Prov: Garden - wild origin.
- 271 *Fritillaria meleagroides***
UKR: Donetsk. Prov: Garden - wild origin.
- 272 *Fritillaria messanensis***
Coll.no: JJH 000700315, GEO: Kartli, 2850 m. Prov: Garden - wild origin.
- 273 *Fritillaria montana***
Coll.no: Strid & al. 89-84-07, GRC: Florinis, Mt. Boutsis, central part, 1450–1550 m, 40° 39' N | 21° 08' E. Prov: Garden - wild origin.
- 274 *Fritillaria phaeanthera***
Prov: Garden.
- 275 *Fritillaria poluninii***
Prov: Garden.
- 276 *Fritillaria raddeana***
Coll.no: GBK 048, IRN: Mazendaran, Gorgan to Bojnurd, 900–1700 m. Prov: Garden - wild origin.
- 277 *Fritillaria reuteri***
Coll.no: GBK 092, IRN: Lorestan, 75 km east of Aligudarz, 2300 m. Prov: Garden - wild origin.
- 278 *Fritillaria ruthenica***
RUS: Samara, Kinel'ski, Krasnosamarskoye lesnichestvo. Prov: Garden - wild origin.
- 279 *Fritillaria sewerzowii***
UZB: Beldersy Ridge, by petroglyphs. Prov: Garden - wild origin.
- 280 *Fritillaria sororum***
Coll.no: JP 87-99, TUR: The road Anamur - Ermenek, 24 km from A., 500 m. Prov: Garden - wild origin.
- 281 *Fritillaria stenantha***
UZB: Aksakatasai, to S from Gazalkent, 1600–1700 m. Prov: Garden - wild origin.
- 282 *Fritillaria straussii***
Coll.no: OS 936, TUR: 12 km from Semdinli. Brown flowers. Prov: Garden - wild origin.
- 283 *Fritillaria straussii***
Coll.no: GBK 052, IRN: Kermanshah. Green flowers. Prov: Garden - wild origin.

- 284** *Fritillaria stribnyi*
Coll.no: OS 627, TUR: 7 km W of Kesan, 70 m. Prov: Garden - wild origin.
- 285** *Fritillaria thessala* var. *mutabilis*
GRC: Mt. Elati. Prov: Garden - wild origin.
- 286** *Fritillaria whittallii*
TUR: Bey Dag above Elmali. Prov: Garden - wild origin.
- 287** *Fritillaria whittallii*
TUR: 53.3 km from Beysehir towards Manavgat, E of road, rocky slope below cliffs, 1450 m. Prov: Garden - wild origin.
- 288** *Fritillaria whittallii*
TUR: Antalya, W. of Hadim, 1640 m. Prov: Garden - wild origin.
- 289** *Fritillaria zagrica*
Coll.no: GBK 029, IRN: Isfaham. Prov: Garden - wild origin.
- 290** *Gagea amblyopetala*
Coll.no: AS 98-52-01, GRC: Achaïas, Egialias. Just E of the village of Pircaki, 780 m, 38° 10' N | 22° 05' E. Prov: Garden - wild origin.
- 291** *Gagea gageoides*
Coll.no: T4Z 074, IRN: Farz, between Eglid and Sedeh, 2700–2850 m, 30° 51' 35" N | 52° 35' 31" E. Prov: Garden - wild origin.
- 292** *Gagea granatellii*
Coll.no: AS 53417, GRC: Peloponnesos, Argolidos, Navplias, NE of Arachneo, 600 m, 37°42' N | 23°01' E. Prov: Garden - wild origin.
- 293** *Lilium davidii* var. *willmottiae*
Coll.no: HeHeHe 245, CHN: Shaanxi, Nan Gong Shan, 2240 m. Prov: Garden - wild origin.
- 294** *Lilium mackliniae* 'White NAPE'
Prov: Garden.
- 295** *Lilium martagon* var. *album*
Prov: Garden.
- 296** *Lilium superbum*
Prov: Unrecorded.
- 297** *Nomocharis aperta*
CHN: Road to Tianchi Lake. Prov: Garden - wild origin.
- 298** *Nomocharis farreri*
Prov: Garden.
- 299** *Nomocharis saluenensis*
Prov: Garden.
- 300** *Tricyrtis latifolia*
Coll.no: HeHeHe 196, CHN: Shaanxi, Daba Shan above Langao, 1900 m. Prov: Garden - wild origin.
- 301** *Tulipa armena*
Coll.no: LST 205, TUR: Erzincan, road from Refahiye to Kemah, 15 km from turn to Kemah, 1700 m, 39° 48' N | 38° 51' E. Prov: Garden - wild origin.
- 302** *Tulipa armena* subsp. *lycica*
Coll.no: KP 507, TUR: Antalya, 47 km from Gencek towards Ibradi, 1300 m. Prov: Garden - wild origin.
- 303** *Tulipa graniticola*
UKR. Prov: Garden - wild origin.
- 304** *Tulipa heterophylla*
KGZ: Tian-Shan, Kirgisischer Alatau, Fl. Ala-Archa, 2300 m, 42°34'33 N | 74°28'40 E. Prov: Garden - wild origin.
- 305** *Tulipa humilis*
Coll.no: JN 2011-17, TUR: Bolkar dag, Karborgaz. Prov: Garden - wild origin.

- 306** *Tulipa systola*
Coll.no: EGO.IQ 112, IRQ: Kurdistan Region, before Sakran village, 1500 m, 36°35' N | 44°54' E. Prov: Garden - wild origin.

Melanthiaceae

- 307** *Heloniopsis orientalis* var. *breviscapa*
Prov: Garden.
- 308** *Stenanthium gramineum*
Prov: Unrecorded.
- 309** *Trillium grandiflorum* 'Gothenburg Pink Strain'
Prov: Garden.
- 310** *Trillium sulcatum*
Prov: Garden.
- 311** *Trillium tschonoskii*
Coll.no: H&S 92-321b, KOR: Ullung-do, Seong-in-bong, NW slope towards plateau and along slopes down again towards Do-dong, 640 m. Prov: Garden - wild origin.
- 312** *Veratrum oxysepalum*
JPN: Hokkaido, 1735 m. Prov: Garden - wild origin.

Oleaceae

- 313** *Syringa yunnanensis*
Coll.no: ACE 2281, CHN: Yunnan, road to Tianchi Lake, 3315 m, 27°36.80' N | 99°43.21' E. Prov: Garden - wild origin.

Paeoniaceae

- 314** *Paeonia* (Gansu Group) 'Krokgården Supreme'
Prov: Garden.
- 315** *Paeonia daurica* subsp. *mlokosewitschii*
Coll.no: JJH 9309165. Prov: Garden - wild origin.
- 316** *Paeonia mairei*
Prov: Garden.
- 317** *Paeonia obovata*
Prov: Garden.
- 318** *Paeonia obovata* var. *willmottiae*
Prov: Garden.
- 319** *Paeonia peregrina*
Coll.no: JJH 970610, BGR: Coastal Dobrudzha, 200 m. Prov: Garden - wild origin.
- 320** *Paeonia veitchii*
Coll.no: HeHeHe 100, CHN: Shaanxi, Quin Ling mountains, Taibai Shan, 2800–2760 m. Prov: Garden - wild origin.
- 321** *Paeonia wendelboi* × *mlokosewitschii* F2
Prov: Garden.

Papaveraceae

- 322** *Chelidonium asiaticum*
RUS: Primorsky Krai, Terenevsky District, Sikhote-Alin Nature Reserve, cordon Yasnaya, right-bank of Zabolochennaya River. Prov: Garden - wild origin.
- 323** *Corydalis bracteata*
Prov: Garden.

- 324 *Corydalis cava* var. *alba***
RUS: Mineralnye-Vody. Prov: Garden - wild origin.
- 325 *Corydalis chaerophylla***
Prov: Garden.
- 326 *Corydalis davidii***
CHN: Sichuan, SW Chengdu, Gao Miao, Wa Wu Shan forest reserve, 2200–2500 m. Prov: Garden - wild origin.
- 327 *Corydalis linstowiana***
Coll.no: CDR 605, CHN: Tienchuan. Prov: Garden - wild origin.
- 328 *Corydalis malkensis***
Prov: Garden.
- 329 *Corydalis nobilis***
KAZ. Prov: Garden - wild origin.
- 330 *Corydalis scouleri***
Prov: Unrecorded.
- 331 *Ichtyoselmis macrantha***
CHN: Sichuan, SW Chengdu, Gao Miao, Wa Wu Shan forest reserve, 2200–2500 m. Prov: Garden - wild origin.
- 332 *Meconopsis wallichii***
IND: West Bengal, Sandakphu, 4000 m. Prov: Garden - wild origin.
- 333 *Papaver atlanticum***
Coll.no: EAC 156, MAR: Marrakech, Haut Atlas, Okaimeden, 2850–3100 m. Prov: Garden - wild origin.
- 334 *Papaver lateritium***
Coll.no: J.NIL 1307-9b, TUR: Ispir, road between Ispir and Cayirösu. Prov: Garden - wild origin.
- 335 *Papaver lisae***
RUS: Kaukasus, Kabardino-Balkaria. Prov: Garden - wild origin.
- 336 *Papaver radicum* subsp. *relictum***
NOR: Vestlandet, Sogn og Fjorane, Bleia in Lärdaal, 500 m, UTM 045 | 762. Prov: Garden - wild origin.
- 337 *Pseudofumaria acaulis***
Prov: Garden - wild origin.
- 338 *Pseudofumaria alba***
Coll.no: HZ 85-03, YUG: Montenegro, 21 km E Bioce. Prov: Garden - wild origin.
- 339 *Stylophorum diphyllum***
Prov: Garden.
- 340 *Stylophorum lasiocarpum***
Prov: Garden.
- 341 *Stylophorum sutchuenense***
Prov: Garden.

Phrymaceae

- 342 *Mimulus dentatus***
Coll.no: HZ 94-103, USA: Oregon, Lane Co., Siuslaw Nat. For., Fall Creek, 150 m. Prov: Garden - wild origin.
- 343 *Mimulus tilingii***
Prov: Garden - wild origin.

Plantaginaceae

- 344 *Antirrhinum molle***
ESP. Prov: Garden - wild origin.

- 345 *Paederota bonarota***
ITA: Alpi Carniche. Prov: Garden - wild origin.
- 346 *Plantago argentea***
ROU: Cluj, Cojocna. Prov: Garden - wild origin.
- 347 *Veronica gentianoides***
Coll.no: NCE113, RUS: Karachayevo-Cherkessiya, Bermamyt Plateau, 2500 m, 43.42 N | 42.26 E. Prov: Garden - wild origin.
- 348 *Veronica kemulariae***
Coll.no: BARAKA 098, GEO: N of Lajanurpheki, 650 m. Prov: Garden - wild origin.
- 349 *Wulfenia carinthiaca***
Coll.no: HZ 85-25, YUG: Montenegro. Prov: Garden - wild origin.

Plumbaginaceae

- 350 *Acantholimon armenum***
TUR: Sipikor Dag, 200 m. Prov: Garden - wild origin.
- 351 *Bukiniczia cabulica***
Coll.no: SEP 018, PAK. Prov: Garden - wild origin.

Polemoniaceae

- 352 *Polemonium chinense***
Coll.no: HeHeHe 142, CHN: Shaanxi, Quin Ling mountains, Taibai Shan, 2500 m. Prov: Garden - wild origin.

Polygonaceae

- 353 *Eriogonum heracleoides* var. *angustifolium***
USA: WA, Wenatchee Mtns, Kittitias Co., Tronsen Ridge, 1798 m. Prov: Garden - wild origin.
- 354 *Pteroxygonum giraldii***
Coll.no: HeHeHe 029, CHN: Shaanxi, Quin Ling mountains, Taibai Shan, 1350–1400 m. Prov: Garden - wild origin.

Portulacaceae

- 355 *Calandrinia skottsbergii***
Coll.no: F&W 11578, ARG: Neuquen, Paso Rahue, 1600 m. Prov: Garden - wild origin.
- 356 *Lewisia nevadensis* f. *rosea***
Prov: Garden.
- 357 *Lewisia oppositifolia***
USA: OR, Josephine Co., E from hwy 199 2.6 miles on Waldo Rd, at Takilma Flat N side, 474 m. Prov: Garden - wild origin.
- 358 *Lewisia rediviva***
USA: Idaho, Borah Peak area, 2500 m. Prov: Garden - wild origin.
- 359 *Lewisia stebbinsii***
USA: California, Mendocino Co., North Coast Ranges, McCoy Ridge, 1700 m. Prov: Garden - wild origin.
- 360 *Lewisia tweedyi***
USA: WA, Wenatchee Mtns, Chelan Co., Tronsen Ridge, 1669 m. Prov: Garden - wild origin.
- 361 *Lewisia tweedyi* 'Rosea'**
Prov: Garden.

Primulaceae

- 362** *Primula jesoana*
KOR: Mt. Myeong Ji. Prov: Garden - wild origin.
- 363** *Primula ruprechtii*
Coll.no: NCE106, RUS: Karachayevo-Cherkessiya, Bermamyt Plateau, 2500 m, 43.42 N | 42.26 E. Prov: Garden - wild origin.
- 364** *Primula scotica*
Prov: Garden.
- 365** *Primula simensis*
Prov: Garden.
- 366** *Soldanella montana*
AUT: Salzburg, Thalgau, Thalgauberg, Fischbach, 770 m. Prov: Garden - wild origin.

Ranunculaceae

- 367** *Aconitum hemsleyanum* 'Red Vine'
CHN: Shaanxi, Quin Ling Mountains, 1500 m. Prov: Garden - wild origin.
- 368** *Aconitum orientale*
Coll.no: NCE201, RUS: Karachayevo-Cherkessiya, Teberda, Gonachkir Valley, Tumanli Köl (lake), 2000–2150 m, 43.17 N | 41.47 E. Prov: Garden - wild origin.
- 369** *Aconitum pubiceps*
RUS: Kabardino-Balkariya Rep., the Elbrussiskiy district, Terskol village, Mt Cheget, 2300 m. Prov: Garden - wild origin.
- 370** *Actaea asiatica*
Coll.no: KGB 668, CHN: Yunnan, Bei Ma Shan, the southern part, 24 km from Benzilan, 3100 m. Prov: Garden - wild origin.
- 371** *Actaea cimicifuga* (*Cimicifuga foetida*)
Coll.no: HeHeHe 092, CHN: Shaanxi, Quin Ling mountains, Taibai Shan, 2800–2760 m. Prov: Garden - wild origin.
- 372** *Actaea* (*Cimicifuga*) *europaea*
POL: Tarnogóra, 50°54' N | 23°09' E. Prov: Garden - wild origin.
- 373** *Adonis pyrenaica*
Prov: Garden.
- 374** *Anemone fasciculata*
RUS: Kabardino Balkaria, 2400 m. Prov: Garden - wild origin.
- 375** *Anemonopsis macrophylla*
JPN: Yamanashi Pref. Prov: Garden - wild origin.
- 376** *Aquilegia barbaricina*
ITA: Sardinia, Monte Spada? Prov: Garden - wild origin.
- 377** *Aquilegia bernardii*
FRA: Corsica. Prov: Garden - wild origin.
- 378** *Aquilegia buergeriana*
JPN: Honshu, Yamanashi Pref., Fujiyoshida-shi. Prov: Garden - wild origin.
- 379** *Aquilegia ecalcarata*
Prov: Garden.
- 380** *Aquilegia laramiensis*
Coll.no: HZ 91-150, USA: Wyoming, Albany Co., 402 Tunnel Road, 3.5 km after Dodge Creek Ranch, 34 km after Jct Rd. 34, 2450 m. Prov: Garden - wild origin.
- 381** *Aquilegia magellensis*
ITA: Abruzzo, Chieti, Palombaro, Grotta Nera, 1500 m. Prov: Garden - wild origin.

- 382 *Aquilegia nugorensis***
ITA: Sardinia. Prov: Garden - wild origin.
- 383 *Aquilegia olympica***
Coll.no: NCE263, RUS: Karachayevo-Cherkessiya, Arkhyz, path to Sofia Glacier, 2000–2200 m, 43.27 N | 41.16 E. Prov: Garden - wild origin.
- 384 *Aquilegia scopulorum***
USA. Prov: Garden - wild origin.
- 385 *Aquilegia thalictrifolia***
ITA: Trentino. Prov: Garden - wild origin.
- 386 *Clematis addisonii***
USA: VA. Prov: Garden - wild origin.
- 387 *Clematis coactilis***
Prov: Garden.
- 388 *Clematis ochotensis***
JPN: Yamanashi. Prov: Garden - wild origin.
- 389 *Clematis ochroleuca***
USA: N. Carolina. Prov: Garden - wild origin.
- 390 *Clematis potaninii***
Coll.no: HeHeHe 307, CHN: Shaanxi, Qin Ling mountains, Kaizeping, 2360 m. Prov: Garden - wild origin.
- 391 *Delphinium giraldii***
Coll.no: HeHeHe 107, CHN: Shaanxi, Qin Ling mountains, Taibai Shan, 2800–2760 m. Prov: Garden - wild origin.
- 392 *Delphinium schmalhauseni***
Coll.no: NCE038, RUS: Stavropol'skiy Kray, Mt. Beshtau, 1000–1400 m, 44.05 N | 43.01 E. Prov: Garden - wild origin.
- 393 *Eranthis hyemalis* 'Aurantiaca'**
Prov: Garden.
- 394 *Eranthis hyemalis* 'Flore Pleno'**
Prov: Garden.
- 395 *Glaucidium palmatum***
Prov: Garden.
- 396 *Glaucidium palmatum* f. *album***
Prov: Garden.
- 397 *Helleborus bocconeii***
ITA: Siena, Val di Merse, 278 m. Prov: Garden - wild origin.
- 398 *Helleborus croaticus***
Coll.no: W.McL94-16, HRV: Near Osijek. Prov: Garden - wild origin.
- 399 *Ranunculus gouanii***
Coll.no: HZ 87-08, FRA: C Pyrenees, Superbagneres, Pic de Cesire, 1800 m. Prov: Garden - wild origin.
- 400 *Thalictrum filamentosum***
Coll.no: H&S 92-052, KOR: Taebaek, 14 km SW Taebaek towards Sangdong along small road nr. 414, 1010–1060 m. Prov: Garden - wild origin.
- 401 *Thalictrum rochebrunianum* var. *grandisepalum***
Prov: Garden.
- 402 *Trollius ranunculinus***
Coll.no: NCE161, RUS: Karachayevo-Cherkessiya, Musa Acitara, top station - cable car station, 2200–2900 m, 43.17 N | 41.39 E. Prov: Garden - wild origin.

Rhamnaceae

- 403** *Rhamnus imeretina*
Coll.no: BARAKA 047, GEO: Oni to Mamison pass, near village Glola, 1430 m, 42.42.090 N | 43.38.940 E.
Prov: Garden - wild origin.
- 404** *Rhamnus microcarpa*
RUS: W. Caucasus, 1800 m. Prov: Garden - wild origin.

Rosaceae

- 405** *Geum coccineum*
Coll.no: ZE&S 51674, GRC: Florinis/Pellis, Almopias/Florinis, Mount Voras, Kajmakcalan, around the ski centre, 1900–2100 m, 40° 55' N | 21° 49' E. Prov: Garden - wild origin.
- 406** *Geum elatum*
Coll.no: SSW 9020, NPL. Prov: Garden - wild origin.
- 407** *Petrophytum caespitosum*
Prov: Garden.
- 408** *Potentilla brachypetala*
Coll.no: NCE283, RUS: Karachayevo-Cherkessiya, Arkhyz, path to Sofia lakes, 2100–2700 m, 43.27 N | 41.14 E. Prov: Garden - wild origin.
- 409** *Potentilla nepalensis* 'Shogran'
Coll.no: SEP, PAK. Prov: Garden - wild origin.
- 410** *Rosa persica*
Coll.no: T4Z 1198, IRN: Tehran, Rudehen to Tehran, 1750 m, 35° 44' N | 51° 41' E. Prov: Garden - wild origin.

Saxifragaceae

- 411** *Chrysosplenium macrophyllum*
Coll.no: HeHeHe 222, CHN: Shaanxi, Nan Gong Shan, 2100 m. Prov: Garden - wild origin.
- 412** *Elmera racemosa* var. *puberulenta*
USA: WA, Wenatchee Mtns, Chelan Co., S Ingalls Peak, 2134 m. Prov: Garden - wild origin.
- 413** *Heuchera pulchella*
MEX: NM, Bernalillo Co., 3171 m. Prov: Garden - wild origin.
- 414** *Tiarella polyphylla*
Coll.no: HeHeHe 024, CHN: Shaanxi, Quin Ling mountains, Taibai Shan, 1350–1400 m. Prov: Garden - wild origin.

Schisandraceae

- 415** *Schisandra grandiflora*
Coll.no: NBA 018, IND: Sikkim, Toklung, valley E of Yumthang, 3300 m. Prov: Garden - wild origin.

Scrophulariaceae

- 416** *Verbascum phoeniceum*
RUS: C. Caucasus, 1600 m. Prov: Garden - wild origin.
- 417** *Verbascum rupestre*
Coll.no: AS 55681, GRC: Evrou, Soufliou, Hill 552 NW of the village of Lefkimi, by the road 0-1.5 km before the summit, 450–500 m, 41°06' N | 26°06' E. Prov: Garden - wild origin.

Solanaceae

- 418** *Solanum pseudopersicum*
RUS: Stavropol Territory, Kislovodsk, Borgustansky ridge, 850 m. Prov: Garden - wild origin.

Staphyleaceae

- 419 ***Staphylea pinnata***
YUG: Bosnia, Kanjon Miljacko, 750 m. Prov: Garden - wild origin.
- 420 ***Staphylea trifolia***
Coll.no: HZ 95-113, USA: Michigan, Clinton Co., Muir. Prov: Garden - wild origin.

Thymelaeaceae

- 421 ***Daphne mezereum f. alba***
Prov: Unrecorded.

Trochodendraceae

- 422 ***Trochodendron aralioides***
Coll.no: B 332, JPN: Kyushu, Fukuoka, Mt. Hiko-san, 1200 m, 33°28' N | 130°56' E. Prov: Garden - wild origin.

Tropaeolaceae

- 423 ***Tropaeolum speciosum***
Prov: Garden.

Ulmaceae

- 424 ***Zelkova carpinifolia***
Ipen: AZ-0-GB-2017-1030, AZE: Lankaran, 184 m. Prov: Wild.

Xanthorrhoeaceae

- 425 ***Eremurus altaicus***
CHN: Xinjiang, Tian Shan, Tian Chi near temple Wang Mu Miao, 1950 m, 43°53'50" N | 88°70'55" E. Prov: Garden - wild origin.
- 426 ***Eremurus comosus***
Prov: Garden.
- 427 ***Eremurus fuscus***
KAZ: Zailijskij Alatau, Almatay, 1400 m. Prov: Garden - wild origin.
- 428 ***Eremurus soogdiana***
KGZ: Jalah Abad, Fergana Range, Arslambob, oberhalb Djerada, 1400 m. Prov: Garden - wild origin.
- 429 ***Eremurus stenophyllus***
Coll.no: JR 98-17, UZB: Chulbair Mt. (SW corner of Ghisar Mt.), above village Sina, 2000–3000 m. Prov: Garden - wild origin.
- 430 ***Eremurus tianschanicus***
Prov: Garden.
- 431 ***Eremurus zenaidae***
Coll.no: J&JA 444.409, UZB: Near Dzhahalabad. Prov: Garden - wild origin.

Collectors' initials

ABS	Archibald, Blanchard & Salmon	K&W	Knoche & Wetzel
ACE	AGS China Expedition 1994	KGB	Kunming-Gothenburg Botanical Expedition to NW Yunnan 1993
AG&WL	A. Gröger & W. Lobin	KKPS	M. Kammerlander, V. Köpcke, E. Pasche & S. Seidel
AHEP	A. Hoog & E. Pasche	KP	K. Persson
AS	A. Strid	KPPZ	M. Kammerlander, E. Pasche, J. Persson & H. Zetterlund
B	The Nordic Arboretum Expedition to Japan 1976	KT & GV	K. Tan & G. Vold
BARAKA	Nordic Georgia Expedition 2007	KT	K. Tan
BATMAN	Nordic Expedition to Batman 2004	LEG	Lesotho-Edinburgh-Gothenburg Expedition 1997
BNP	J. Bengtsson, J. Nilson & F. Persson	LST	Latvian, Swedish Turkey Trip 2005
CC	C. Chadwell	MZ	M. Zurowetz
CDR	Compton, D'Arcy & Rix	NBA	J. Nilson, J. Bengtsson & T. Ahnby
CLD	Chungtien-Lijiang-Dali 1990	NCE	North Caucasus Expedition 2011
EAC	Expedition Atlas Ceder 1990	OS	O. Sønderhousen
EGO.IQ	Swedish Iraq Expedition 2007	P.&Z.	J. Persson & H. Zetterlund
F&W	Flores & Watson	PF	P. Furse
GBK	G. Bakshi Khaniki	PW	P. Wendelbo
GT	G. Tjeerdsma	Rix	M. Rix
H&S	M. Holmberg & U. Strindberg	S&V	Strid & Vassiliadis
HeHeHe	H. Pettersson, H. Sjöman & H. Zetterlund	S&Z	Strindberg & Zetterlund
HKEP	H. Kerndorff & E. Pasche	SEP	Swedish Expedition to Pakistan 1983
HZ	H. Zetterlund	SSW	Smith, Sykes & Williams
ISSU	Indien-Sikkim-Sweden-Uebelhart 2009	Strid & al.	A. Strid et al.
J&JA	J. & J. Archibald	T4Z	G. Tjeerdsma, H. Zetterlund, D. & R. Zschummel, Zagros 2002
JJH	J. & J. Halda	Wallis	R. & R. Wallis
JKP	J. & K. Persson	W.McL	W. McLewin
J.NIL	J. Nilson	ZE&S	H. Zetterlund, A.L. Eriksson & A. Strid
JN	J. Nilson		
JP	J. Persson		
JR	J. Ruksans		

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