

INDEX SEMINUM 2022

Botanischer Garten
Innsbruck



Innsbrucker Küchenschelle
Pulsatilla oenipontana

Botanischer Garten und Alpengarten des Institutes für Botanik der Universität Innsbruck

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IPEN-Code: IB

CITES-registration number: AT 015

Samen gesammelt von / Seeds collected by: M. Bodner, M. Imhiavan, A. Kühr, S. Ritzenfeld, B. Siller, K. Uhrmann, K. Pagitz, P. Schönschwetter und unseren Lehrlingen und Heinzelmännchen / our apprentices and the hard working helping crew.

Layout: Cäcilia Lechner Pagitz

Abkürzungen:

G	Samen aus den Gewächshäusern
F	Samen aus dem Freigelände
A	Samen von Alpinpflanzen
P	Samen vom Alpengarten am Patscherkofel; 2000mNN
In	Wildaufsammlung
W/	Samen von kultivierten Pflanzen mit bekannter Wildherkunft....
WAG/Samen vom Alpengarten am Patscherkofel
WAH/Samen aus dem Alpinhaus; Temperaturminimum etwa -7°C

Hybridisierung ist nicht ausgeschlossen.

Abbreviations:

G	seeds from greenhouse plants
F	seeds from outdoor plants
A	seeds from alpine plants
P	seeds collected in the Alpine Garden on MT. Patscherkofel, 2000m a.s.l.
In	seeds collected from the wild
W/	seeds from cultivated plants with known wild origin....
WAG/seeds collected in the Alpine Garden on MT. Patscherkofel
WAH/seeds collected in the alpine house; minimum temperature about -7°C

Hybridisation cannot be excluded.

Nomenklatur / Nomenclatural sources: <http://www.worldfloraonline.org/> – <https://www.alpinegardensociety.net/encyclopaedia/> – Erhardt W. et al.: Der Große Zander – Enzyklopädie der Pflanzennamen. 19. Auflage 2014. – Aeschmann D., Lauber K. et al.: Flora Alpina. 2004. – Fischer M., Oswald K., Adler W.: Exkursionsflora für Österreich, Liechtenstein, Südtirol. 3. Auflage 2008. – Jelitto L., Schacht W., Simon H.: Die Freiland Schmuckstauden. 5. Auflage 2002. – Egli U. (Hrsg.): Sukkulenten-Lexikon. Bd.1-4, 2001-2003. – Edward F. Anderson: Das große Kakteen Lexikon. 2005. – Hartmann H.E.K. (Ed.): Aizoaceae. Bd. 1 & 2, 2001 – Hammer S. A.: Lithops–Treasures of the Veld. 1999.

Amaryllidaceae

- | | | | |
|----|-----|---|----------------|
| 1 | *A* | Allium altaicum Pall.
<i>W/RU-Altai-Chuya Steppe-1750m</i> | RU-0-IB-021058 |
| 2 | *A* | Allium cernuum Roth | XX-0-IB-009905 |
| 3 | *F* | Allium cristophii Trautv. | XX-0-IB-008061 |
| 4 | *A* | Allium cyathophorum Bureau & Franch. | XX-0-IB-026771 |
| 5 | *A* | Allium komarowii Lipsky | XX-0-IB-021813 |
| 6 | *A* | Allium leucocephalum Turcz. ex Ledeb.
<i>W/MN-Hentiy Mts., alt. 1200-1500 m, (bulbilis)</i> | MN-0-IB-020991 |
| 7 | *F* | Allium lusitanicum Lam.
<i>W/AT-Tirol-Nordtirol-Karwendel-Nordkette (Inntalkette)-Zirl-Kalvarienberg-11°15'2.5"E-47°16'30.5"N, 695 m</i> | AT-0-IB-018721 |
| 8 | *A* | Allium ochroleucum W.&K.
<i>W/BA-Dinaria-Mount Veliki Troglav-1900m</i> | BA-0-IB-017587 |
| 9 | *A* | Allium saxatile M.Bieb.
<i>W/ME-Prokletije-Kuci-Brezovica-Mt. Zijevo-1900m</i> | ME-0-IB-016904 |
| 10 | *F* | Allium schoenoprasum L. | XX-0-IB-000292 |
| 11 | *A* | Allium sphaerocephalon L.
<i>W/IT-Vinschgau - Laas-Untertröger-900m</i> | IT-0-IB-018571 |

Apiaceae

- | | | | |
|----|-----|---|----------------|
| 12 | *F* | Anethum graveolens L. | XX-0-IB-015189 |
| 13 | *F* | Angelica archangelica L. | XX-0-IB-000457 |
| 14 | *F* | Angelica sylvestris L.
<i>In/AT/Tirol-Nordtirol-westliche Mittelgebirge-Natters, LKH- 11°21'54.49"E-47°14'26.18"N, 855m (12.09.2021)</i> | AT-0-IB-000461 |
| 15 | *A* | Athamanta cretensis L.
<i>W/AT-Tirol-Hahntennjoch-1800m</i> | AT-0-IB-021371 |
| 16 | *A* | Athamanta turbith (L.) Brot.
<i>W/AL-Bicaj</i> | AL-0-IB-017566 |
| 17 | *A* | Chaerophyllum coloratum L.
<i>W/AL-Bicaj</i> | AL-0-IB-017506 |
| 18 | *F* | Conium maculatum L. | XX-0-IB-000490 |
| 19 | *F* | Daucus carota L. | XX-0-IB-000494 |
| 20 | *A* | Eryngium bourgatii Gouan | XX-0-IB-006449 |
| 21 | *F* | Ferula assa-foetida L. | XX-0-IB-000507 |
| 22 | *A* | Ferula glaucopruinosa (Rech.f.) Akhani
<i>W/IR-1570m</i> | IR-0-IB-017551 |
| 23 | *F* | Laserpitium latifolium L.
<i>W/AT-Tirol-Nordtirol-Karwendel-Thaur, Straße zur Thaurer Alm-11°26'59.37"E-47°18'40.18"N, 1400 m s.m. (17.10.2021)</i> | AT-0-IB-028711 |
| 24 | *A* | Laserpitium siler L.
<i>W/CH</i> | CH-0-IB-024657 |
| 25 | *F* | Levisticum officinale W.D.J.Koch | XX-0-IB-000524 |
| 26 | *A* | Ligusticum lucidum Mill.
<i>W/IT-Friuli Venezia-Giulia, Alpi Giulie/Julijske Alpe: Sella Nevea-alp Goriuda-bivouac-Elio Marussich-Mt. Sart/Zrd /crd-bivouac-Elio Marussich -Bela Pec</i> | IT-0-IB-023176 |

27	*F*	Molopospermum peloponnesiacum (L.) W.D.J.Koch <i>W/Slo/1.10/42</i>	SI-0-IB-000534
28	*A*	Musineon tenuifolium Nutt. <i>W/US-Colorado-Weld Co.-2000m</i>	US-0-IB-000535
29	*F*	Oenanthe pimpinelloides L.	XX-0-IB-015208
30	*A*	Orlaya grandiflora (L.) Hoffm.	XX-0-IB-000542
31	*F*	Pastinaca sativa L.	XX-0-IB-000544
32	*F*	Peucedanum cervaria (L.) Cusson ex Lapeyr. <i>W/AT-Tirol-Nordtirol-Karwendel-Nordkette (Inntalkette)-Innsbruck, Allerheiligen- 11°21'00"E-47°16'28"N, 830m (°01.10.2017)</i>	AT-0-IB-025708
33	*A*	Peucedanum oreoselinum (L.) Moench <i>W/AT-Tirol-Pettnau-620m</i>	AT-0-IB-014308
34	*F*	Peucedanum ostruthium (L.) W.D.J.Koch	XX-0-IB-000547
35	*F*	Pimpinella anisum L.	XX-0-HAL-941
36	*F*	Pimpinella major (L.) Huds. <i>W/AT-Tirol: Nordtirol - westliches Mittelgebirge - südlich Landeskrankenhaus Natters - 11°21'54.73"E - 47°14'20.32"N, 846m</i>	AT-0-IB-030011
37	*A*	Seseli annuum L. <i>W/AT-Kärnten-Dellach-Wieserberg-Sankt Helena-semi-dry meadow(Brometalia erecti), limestone-N46°39'54"-E13°06'30"-884m</i>	AT-0-KL-2017/4214
38	*A*	Seseli elatum L. subsp. gouanii (W.D.J.Koch) P.W.Ball <i>W/HR-Koprivnica-Krizevci-Kalnik-vrh(summit)Vranilac-16°27'20"E,46°7'53"N-600m (07.09.2018)</i>	HR-0-IB-022911

Apocynaceae

39	*G*	Mandevilla laxa (Ruiz & Pav.) Woodson	XX-0-IB-018947
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Aristolochiaceae

40	*G*	Aristolochia labiata Willd.	XX-0-IB-006883
41	*F*	Saruma henryi Oliv.	XX-0-IB-021607

Asparagaceae

42	*F*	Anthericum liliago L. <i>W/AT-Tirol-Nauders-1800m</i>	AT-0-IB-000440
43	*F*	Anthericum ramosum L. <i>W/AT/Tirol: Nordtirol - Karwendel: Nordkette (Inntalkette) - Thaur-Ochsner - 11°28'10.7"E - 47°18'34.7"N, 1214 m</i>	AT-0-IB-028554
44	*A*	Hastingsia alba (Durand) S.Watson <i>W/US-California-Siskiyou Co.-West of Weed-Stuarts Spring Road near junction with Old Highway 99- 976m</i>	US-0-GENT-20042011
45	*F*	Muscari comosum (L.) Mill. <i>W/IT-Sardinien</i>	IT-0-IB-021598
46	*A*	Paradisea liliastrum (L.) Bertol.	XX-0-IB-008047
47	*F*	Puschkinia scilloides Adams	XX-0-IB-003666

Asphodelaceae

48	*A*	Asphodeline lutea (L.) Rchb.	XX-0-IB-017467
49	*A*	Asphodeline taurica (Pall.) Endl.	XX-0-IB-000710
50	*A*	Asphodelus albus Mill. <i>W/MN-Durmitor nahe Boricje-1000m</i>	ME-0-IB-016596
51	*A*	Asphodelus ayardii Jahand. & Maire <i>W/MA-Atlas-1700m</i>	MA-0-IB-008521

Asteraceae

- | | | | |
|----|-----|---|-------------------|
| 52 | *A* | Achillea ageratifolia Benth.& Hook.f.
<i>W/GR - Mount Olymp-2200m</i> | GR-0-IB-017508 |
| 53 | *A* | Achillea clavennae L.
<i>W/AT-Niederösterreich-Ötscher-1830m</i> | AT-0-WU-AST100772 |
| 54 | *A* | Achillea crithmifolia Waldst. & Kit.
<i>W/AL-southern edge of Shija gorge surroundings of Bicaj-1500m</i> | AL-0-IB-016788 |
| 55 | *P* | Achillea erba-rota All. subsp. moschata (Wulfen) I.Richardson
<i>WAG/CH-Valais-2200m</i> | CH OG-20090647 |
| 56 | *A* | Achillea fraasii Sch.Bip.
<i>W/MK-Mavrovo, Mt. Korab: 2 km W of Donje Lukovo pole (Radika river valley); 1910 m- 20°36`7`` E 41°50`36`` N</i> | MK-0-IB-024688 |
| 57 | *A* | Achillea holosericea Sm.
<i>W/GR-2100m</i> | GR-0-IB-000755 |
| 58 | *F* | Achillea macrophylla L.
<i>W/IT-V. Gressoney-V. Giassit, 1700m</i> | IT-0-M-2001/0802 |
| 59 | *F* | Achillea millefolium L.
<i>W/AT-Tirol-Nordtirol-Karwendel-Nordkette (Inntalkette)-Zirl-Fuß der Martinswand-11°16'40"E-47°16'05"N, 700 m</i> | AT-0-IB-018738 |
| 60 | *A* | Achillea pyrenaica Sibth. ex Godr.
<i>W/ES-Catalonia - Ripollès, Querolbs - Gorges del Freser, ca. Costa Rubí - 2,21615700982511 E - 42,3823240119963 N, 2000 m s.m. (2/09/2018)</i> | ES-0-IB-022329 |
| 61 | *A* | Achillea tomentosa L.
<i>W/IT-Südtirol-Vinschgau-Obere Leiten-10°35'02"E-46°40'33" N, 1221m (06.08.2019)</i> | IT-0-IB-014148 |
| 62 | *A* | Achillea tomentosa L.
<i>W/IT- Cogne, Aymavilles, Cerignan, 1200 m</i> | IT-0-M-2018/1037 |
| 63 | *F* | Adenostyles rhombifolia (Willd.) Pimenov
<i>W/GE-Samtskhe-Javakheti-Bakuriani, slopes S of the village, NE of Tkhratskaro pass-N 41 41.917, O 43 31.789, 2431m</i> | GE-0-IB-025654 |
| 64 | *A* | Amberboa turanica Iljin
<i>W/TJ-Sughd-Fann (Fon) Mountains-between village Sarytag and Kaznok pass-E 68°16'40", N39°4'57"- 2421m</i> | TJ-0-IB-021151 |
| 65 | *A* | Amphoricarpos neumayerianus (Vis.) Greuter
<i>W/BA-along the road between Lastva and Orahovac W of Skocigrm</i> | BA-0-IB-016784 |
| 66 | *A* | Antennaria dioica (L.) Gaertn. | XX-0-IB-000779 |
| 67 | *F* | Arctium lappa L. | XX-0-IB-000789 |
| 68 | *A* | Arnica angustifolia Vahl
<i>W/US-Alaska-Thompson Pass-840m</i> | US-0-IB-018089 |
| 69 | *A* | Aster alpinus L. | XX-0-IB-007864 |
| 70 | *A* | Aster alpinus L. var. serpentimontanus (Tamamsch.) Ling
<i>W/NP-Samdo-4200m</i> | NP-0-IB-021295 |
| 71 | *A* | Aster himalaicus C.B.Clarke | XX-0-IB-000816 |
| 72 | *A* | Aster pyrenaicus Desf. ex DC.
<i>W/ES-Pyrenees</i> | ES-0-M-1983/2347 |
| 73 | *A* | Berkheya cirsiifolia (DC.) Roessler
<i>W/ZA</i> | ZA-0-IB-008865 |
| 74 | *A* | Berkheya macrocephala J.M.Wood. | XX-0-HAL-13439 |
| 75 | *A* | Buphthalmum salicifolium L.
<i>W/AT-Tirol-Petttau-620m</i> | AT-0-IB-014188 |

76	*F*	Carlina vulgaris L. <i>W/AT-Tirol-Nordtirol-Karwendel-Zirl-Eigenhofen-11°12'51.6"E-47°16'50.8"N, 640 m</i>	AT-0-IB-018753
77	*A*	Carthamus pinnatus Desf.	XX-0-IB-000841
78	*F*	Centaurea atropurpurea Olivier <i>W/RS-Derdap</i>	RS-0-IB-025098
79	*A*	Centaurea ıpecensis Rech.f. <i>W/ME-Prokletije Mts-Gusinje saddle east of Zla Kolata- E 19°53'51", N 42°29'8"- 2470m</i>	ME-0-IB-028091
80	*F*	Centaurea jacea L. <i>W/AT-Tirol-Nordtirol-Karwendel-Nordkette, Planötzenhof-Höttinger Graben 11°22'11"E; 47°16'57"N; 900m</i>	AT-0-IB-018755
81	*A*	Centaurea stoebe Tausch <i>W/IT-Oberer Vinschgau-Mals-1000m</i>	IT-0-IB-014508
82	*F*	Chamaemelum nobile (L.) All.	XX-0-IB-000867
83	*F*	Cirsium purpuratum (Maxim.) Matsum. <i>W/JP-Iida-shi-Nagano-Pref., N35°28', E138°00', 1369m</i>	JP-0-FRP-27151
84	*A*	Erigeron altaicus Popov	XX-0-IB-024053
85	*A*	Erigeron compactus S.F.Blake <i>W/US-Utah-Emery Co.-2073m</i>	US-0-IB-018028
86	*A*	Erigeron glabratus Hoppe & Hornsch. ex Bluff & Fingerh. <i>W/AT-Steiermark, Totes Gebirge, Steirerseehtten, 8 km NE Bad Mitterndorf, N 47,598, E 14,0212, 1569m</i>	AT-0-IB-023812
87	*A*	Erigeron glacialis (Nutt.) A.Nelson	XX-0-IB-000924
88	*A*	Erigeron grandiflorus Hook.	XX-0-TUEB-00382
89	*F*	Eupatorium cannabinum L. <i>W/AT-Tirol: Nordtirol - westliches Mittelgebirge - westlich Landeskrankenhaus Natters - 11°21'53.32"E - 47°14'23.18"N, 852m</i>	AT-0-IB-030012
90	*A*	Gaillardia aristata Pursh <i>W/US-Montana-Ninemile Prarie-113°32'59"W-46°56'59"N, 1095m (21.07.2018)</i>	US-0-IB-022898
91	*A*	Heteropappus altaicus (Willd.) Novopokr. <i>W/RU- Altai Republic, Ongudaysky District, Ursul River, floodplain meadow, 723m</i>	RU-0-MW-2017-408
92	*F*	Hieracium racemosum Waldst. & Kit. ex Willd. <i>In/AT-Tirol-Nordtirol-Stubaier Alpen-Westliches Mittelgebirge-Ranggen, Itzlranggen-11°14'55.7"E-47°15'14.6"N, 680m</i>	AT-0-IB-028712
93	*A*	Hieracium tomentosum L. <i>W/IT-Liguria, Alpi Liguri, valley of Torrente Argentina:S slopes of Mt. Fronté between Passo della Garlenda and Colla Garezzo (GPS-964); 1699 m- 7°45'50`` E 44°02'55`` N- partly dry subalpine meadows</i>	XX-0-IB-000968
94	*A*	Hymenoxys grandiflora (Torr. & A.Gray ex Torr. & A.Gray) K.F.Parker <i>W/US-Custer Co., ID, 10200ft, 3110m</i>	US-0-IB-022393
95	*A*	Inula ensifolia L.	XX-0-IB-009345
96	*F*	Inula helenium L.	XX-0-IB-000983
97	*A*	Inula oculus-christi L. <i>W/MN-Durmitor nahe Boricje</i>	MN-0-IB-016595
98	*F*	Inula salicina L. <i>W/AT/Tirol-Nordtirol-Oberinntal, Talboden-Zirl gegen Unterperfuss, Feuchtfächen südlich Salzstraße-11°14'4.83"E-47°15'42.99"N, 600m</i>	AT-0-IB-024563
99	*A*	Lactuca perennis L. <i>W/IT-Südtirol-Vinschgau-Großboden-10°42'18" E-46°37'53" N, 1445m (06.08.2019)</i>	IT-0-IB-014373
100	*F*	Lactuca sativa L.	XX-0-IB-000991
101	*F*	Lactuca virosa Habl.	XX-0-IB-000993

102	*A*	Leontopodium alpinum Colm. ex Cass. <i>W/AT-Tirol-Stubaier Alpen-Regensburger Hütte</i>	XX-0-IB-007593
103	*A*	Leontopodium conglobatum (Turcz.) Hand.-Mazz.	XX-0-IB-001011
104	*A*	Leontopodium jacotianum Beauverd	XX-0-IB-007898
105	*A*	Leontopodium kurilense Takeda <i>W/NP-Nepal-Samdo-3800m</i>	NP-0-IB-025993
106	*A*	Liatris spicata (L.) Willd. <i>W/US-Michigan</i>	US-0-IB-024054
107	*A*	Rhaponticum coniferum (L.) Greuter <i>W/FR-Perpignan</i>	FR-0-IB-001019
108	*A*	Santolina pinnata Viv. <i>W/ES-Pyrenäen</i>	ES-0-IB-026378
109	*A*	Scorzonera austriaca Willd. <i>W/AT-Niederösterreich-Eichkogel-500m</i>	AT-0-IB-001067
110	*A*	Scorzonera tomentosa L. <i>W/MK-Jablanica-2016</i>	MK-0-IB-030014
111	*F*	Silybum marianum (L.) Gaertn.	XX-0-IB-001106
112	*F*	Staehelina uniflosculosa Sibth. & Sm. <i>W/AL-Bjeshkët e Namuna-Umgebung von Theth (27.08.2014)</i>	AL-0-IB-018757
113	*F*	Tanacetum parthenium (L.) Sch.Bip.	XX-0-IB-001122
114	*F*	Telekia speciosa (Schreb.) Baumg.	RO-0-IAGB20171993W
115	*A*	Telekia speciosissima DC.	RAMB-50908
116	*A*	Tetraneuris acaulis (Pursh) Greene <i>W/US-Colorado-Rio Blanco Co.-2591m</i>	US-0-IB-18329
117	*A*	Tetraneuris torreyana (Nutt.) Greene <i>W/US-Utah-Uintah Co.-7550ft, 2302m</i>	US-0-IB-008422
118	*A*	Tonestus lyallii (A.Gray) A.Nelson	XX-0-IB-007138
119	*A*	Townsendia hookeri Beaman <i>W/US-Jefferson Co.- Colorado- 5970ft, 1820m</i>	US-0-IB-001136
120	*G*	Townsendia montana M.E.Jones	XX-0-IB-025014
121	*A*	Tripleurospermum caucasicum (Willd.) Hayek <i>W/GE-Mestia</i>	GE-0-IB-021054
122	*F*	Xeranthemum annuum L. <i>W/Hortus Botanicus Vindobonensis; 190 m s.m, 2020</i>	AT-0-WU-0031253

Basellaceae

123	*G*	Basella alba L.	XX-0-IB-001177
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Bignoniaceae

124	*A*	Incarvillea compacta Maxim.	XX-0-IB-007478
125	*A*	Incarvillea olgae Regel <i>W/TJ-Gorno-Badakhshan-Western Pamir-S of the Koytezek pass (Pamir Highway)-E 72°45'21",N 37°29'4"- 4228m</i>	TJ-0-IB-021215

Boraginaceae

126	*F*	Lithospermum officinale L.	XX-0-IB-001291
127	*A*	Onosma alboroseum Fisch. et C.A.Mey. <i>W/TR-Ala Dag-1700m</i>	TR-0-IB-001317

- 128 *A* *Onosma dichroantha* Boiss. TJ-0-IB-021212
W/TJ-Gorno-Badakhshan-Panj valley-Kalaikhum village-70°47'17"E, 38°27'24"N-1279m
- 129 *A* *Onosma echioides* L. IT-0-IB-026373
W/IT-Abruzzen-Sulmona
- 130 *A* *Onosma stellulatum* Waldst. & Kit. ME-0-IB-017609
W/ME-Prokletij-Kuci-Brezovica - Mt. Zijevo-1900m
- 131 *A* *Onosma taurica* Willd. XX-0-IB-016886
- 132 *A* *Paramoltkia doerfleri* (Wettst.) Greuter & Burdet XX-0-IB-001299
- 133 *A* *Solenanthus apenninus* (L.) Fisch. & C.A.Mey IT-0-M-2002/2076
W/IT-Primo Colle-Pescocostanzo (AQ)-1400m

Brassicaceae

- 134 *A* *Aethionema capitatum* Boiss. & Balansa TR-0-IB-001337
W/TR-Ala Dag-2100m
- 135 *A* *Aethionema grandiflorum* Boiss. et Hohen. IR-0-IB-001339
W/IR-Ghazvin-2060m
- 136 *A* *Aethionema saxatile* (L.) R.Br. XX-0-IB-012748
- 137 *F* *Alliaria petiolata* (M.Bieb.) Cavara & Grande XX-0-IB-001347
- 138 *A* *Alyssoides utriculata* (L.) Medik. XX-0-IB-018091
- 139 *A* *Alyssum handelii* Hayek XX-0-IB-018433
- 140 *A* *Alyssum neglectum* Magauer, Frajman & Schönswetter AT-0-IB-017469
W/AT-Steiermark-Nordöstliche Kalkalpen-Hochschwab, entlang des Anstiegs von der Fölzalpe zum Fölzstein-15°11'9" E 47°35'53" N 1600m
- 141 *A* *Alyssum scardicum* Wettst. ME-0-IB-016821
W/ME-Prokletije-Mt. Kerrshat e Mdhaj-Mt. Marjashi/Marijas
- 142 *F* *Arabis alpina* L. subsp. *caucasica* (Willd.) Briq. XX-0-IB-001369
- 143 *A* *Aubrieta columnae* Guss. subsp. *croatica* (Schott, Nyman & Kotschy) Mattf. BA-0-IB-017115
W/BA-Dinara-from the village Gubin to Mt. Veliki Troglav-1900m
- 144 *F* *Aurinia saxatilis* (L.) Desv. XX-0-IB-007938
- 145 *A* *Boechera holboellii* (Hornem.) Á.Löve & D.Löve XX-0-GZU-13 420731
- 146 *F* *Brassica rapa* L. AT-0-SZU-2016-240
W/AT-Salzburg-Tennengau-Hallein-Gamp-Gewerbegebiet Gamp-E013°06'08"-N47°40'23" 440m
- 147 *A* *Braya alpina* Sternb. & Hoppe XX-0-IB-022373
- 148 *F* *Camelina sativa* (L.) Crantz XX-0-IB-015191
- 149 *A* *Coluteocarpus vesicaria* (L.) Holmboe TR-0-IB-001402
W/TR-Palandoken-2800m
- 150 *A* *Draba hispanica* Boiss. MA-0-IB-001414
W/MA-High Atlas-Jbel Toubkal-2200m
- 151 *A* *Draba polytricha* Ledeb. TR-0-IB-008928
W/TR-Van-Caldiran-Dogubayazit plain-about 15.1 km ESE Mount Tendürek (Tendürek Dagi)
- 152 *A* *Erysimum jugicola* Jord. IT-0-IB-009749
W/IT-Piemont-2200m
- 153 *A* *Erysimum rhaeticum* (Schleich. ex Hornem.) DC. IT-0-IB-014298
W/IT-Südtirol-Vinschgau-Obere Leiten-10°35'02"E-46°40'33" N, 1221m, (06.08.2019)
- 154 *A* *Fibigia clypeata* (L.) Medik. XX-0-IB-001443

155	*A*	Iberis simplex DC. <i>W/TR-Bolkar Dag-2600m</i>	TR-0-IB-001455
156	*F*	Isatis tinctoria L.	XX-0-IB-001458
157	*F*	Lunaria rediviva L. <i>W/DE-Bayern-Bei Flintsbach am Inn-Petersberg-12°7'30"-47°42'39"N</i>	DE-0-IB-018786
158	*A*	Noccaea caerulescens J.Presl & C.Presl	XX-0-IB-001500
159	*A*	Ptilotrichum spinosum Boiss. <i>W/ES-Sierra Nevada-2400m</i>	ES-0-IB-017953

Bromeliaceae

160	*G*	Aechmea coelestis (K.Koch) E.Morren	XX-0-IB-013488
161	*G*	Fosterella villosula (Harms) L.B.Sm.	XX-0-IB-014992
162	*G*	Tillandsia brachycaulos Schldl.	XX-0-IB-019694
163	*G*	Tillandsia schiedeana Steud.	XX-0-IB-027436

Cactaceae

164	*G*	Frailea phaeodisca (Speg.) Backeb. & F.M.Knuth	XX-0-IB-017015
165	*G*	Frailea pygmaea (Speg.) Britton & Rose	XX-0-IB-001701
166	*G*	Frailea schilinzkyana (F.Haage ex K.Schum.) Britton & Rose	XX-0-IB-001695
167	*G*	Gymnocalycium quehlianum Berger	XX-0-IB-001724
168	*G*	Parodia ayopayana Cárdenas	XX-0-IB-001999
169	*G*	Parodia leninghausii F.H.Brandt	XX-0-IB-006940
170	*G*	Parodia mueller-melchersii (Fric ex Backeb.) N.P. Taylor	XX-0-IB-017016
171	*G*	Parodia muricata (Otto) Hofacker	XX-0-IB-006958
172	*G*	Parodia scopa (Spreng.) N.P. Taylor subsp. succinea (F. Ritter) Hofacker & P.J. Braun	XX-0-IB-017014

Campanulaceae

173	*F*	Campanula persicifolia L. <i>W/AT-Kärnten-Drautal-Grafenstein, Saager 14°29'38.51"E 46°34'58.50"N 500-600m</i>	AT-0-IB-018794
174	*A*	Campanula saxifraga M.Bieb. subsp. aucheri (A.DC.) Ogan. <i>W/TR-Kalkanli Daglar-2600m</i>	TR-0-IB-002212
175	*G*	Campanula spicata L. <i>W/FR-2016-Valais-1403 m</i>	CHOG-20161454
176	*A*	Edraianthus graminifolius (L.) A.DC. <i>W/ME-Prokletije-Valley Mecukomlje-Mt. Kom Kucki</i>	ME-0-IB-016800
177	*A*	Edraianthus parnassicus (Boiss. & Spruner) Halácsy	XX-0-IB-002237
178	*A*	Edraianthus pumilio (Port. ex Schult.) A.DC.	XX-0-IB-002238
179	*F*	Jasione laevis Lam.	XX-0-Bern-19901312
180	*A*	Phyteuma scheuchzeri All.	XX-0-IB-002260

Cannabaceae

181	*F*	Cannabis sativa s.l. L.	XX-0-IB-004148
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Cannaceae

182	*G*	Canna indica L.	XX-0-IB-002274
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Caprifoliaceae

183	*F*	Cephalaria gigantea (Ledeb.) Bobrov	XX-0-IB-003007
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184	*A*	Morina longifolia Wall. ex DC. <i>W/NP.04</i>	NP-0-IB-006454
185	*F*	Patrinia gibbosa Maxim.	XX-0-IB-020066
186	*A*	Patrinia intermedia (Hornem.) Roem. & Schult. <i>W/KZ-Almaty-Tien Shan-Trans-Ili Alatau-between Medeu and skiing resort Shymbulak-2100m</i>	KZ-0-IB-006014
187	*A*	Scabiosa canescens Waldst. & Kit. <i>W/BA-Cvrsnica-Mt.Plocno-1500m</i>	BA-0-IB-014594
188	*A*	Scabiosa crenata Cirillo <i>W/AL-Bicaj</i>	AL-0-IB-017607
189	*A*	Scabiosa graminifolia L. <i>W/BA-Dinara-Mt. Veliki Troglav-1900m</i>	BA-0-IB-014593
190	*A*	Scabiosa lucida Vill. <i>W/AT-Steiermark-Steirersee-47°35'53.70"N-14°2'6.72"E</i>	AT-0-IB-018598
191	*F*	Succisa pratensis Moench <i>W/AT-Tirol: Nordtirol-Karwendel-Seefeld, Neuleutasch-11°10'47.51"E-47°20'51.55"N, 1210m</i>	AT-0-IB-024565

Caricaceae

192	*G*	Carica papaya L.	XX-0-IB-002308
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Caryophyllaceae

193	*A*	Cerastium carinthiacum Vest <i>W/IT-Trentino-Alto Adige: Trento-northern surroundings of Passo di San Pellegrino- Lom Picol-2457m-E 46.39944444,N11.79888889- scree slopes-limestone</i>	IT-0-IB-016860
194	*A*	Cerastium decalvans Schloss. & Vuk. subsp. doerfleri Niketic, Schönsw. & Frajman <i>W/AL-ProkletijeAlpet Shqiptare, Thethi: along the path from the saddle SE of the alp Denelle towards Maja Kakise; 1935m, 19°49'26`E, 42°21'34`N, slightly mobile limestone scree with long snow cover</i>	AL-0-IB-016765
195	*A*	Cerastium grandiflorum Waldst. & Kit. <i>W/ME-Prokletije-Kuci-Brezovica-Mt.Zijevo-786m</i>	ME-0-IB-016897
196	*F*	Cerastium tomentosum L. <i>W/IT-Mt. Velturin C 070/1</i>	IT-0-IB-009166
197	*A*	Dianthus angrenicus Vved. <i>W/KZ-Almaty-Tien Shan-Trans-Ili Alatau between Medeu and skiing resort Shymbulak-2100m</i>	KZ-0-IB-018355
198	*A*	Dianthus carthusianorum L. subsp. sanguineus (Vis.) Hegi <i>W/MN-Visitor- Prokletije</i>	MN-0-IB-016759
199	*A*	Dianthus cretaceus Adam <i>W/GE-Samtskhe-Javakheti-2050m</i>	GE-0-IB-021051
200	*A*	Dianthus integer Vis. <i>W/BA-Bosna, Dinara: from the village Gubin to Mt. Veliki Troglav-1500m, Limestone</i>	BA-0-IB-014869
201	*A*	Dianthus myrtinervius Griseb. <i>W/GR-MT.Ossa-1600m</i>	GR-0-IB-017486
202	*A*	Dianthus pinifolius Sm. subsp. serbicus Wettst. <i>W/GR - 1000m</i>	GR-0-IB-016855
203	*A*	Dianthus spiculifolius Schur	XX-0-IB-002378
204	*A*	Eremogone capillaris (Poir.) Fenzl var. americana (Maguire) R.L.Hartm. & Rabeler <i>W/US-Montana-Mt. Reynolds-2450m</i>	US-0-IB-002314
205	*A*	Eremogone ledebouriana (Fenzl) Ikonn.	XX-0-IB-002321
206	*A*	Eremogone longifolia (M.Bieb.) Fenzl	XX-0-IB-021071

207	*A*	Gypsophila imbricata Rupr. <i>W/RU-Caucasus-Kabardino Balkaria-2600m</i>	RU-0-IB-007558
208	*F*	Gypsophila paniculata L.	XX-0-HAL-890
209	*A*	Heliosperma macranthum Pancic <i>W/ME-Prokletije-valley Medukomlje - Mt. Kom Kucki-2200m</i>	ME-0-IB-014468
210	*F*	Lychnis coronaria (L.) Desr. <i>Samenmaterial aus kultivierten Beständen, Original-Herkunftsdaten vorhanden (BG Wien)-seeds of cultivated plants, original collecting data availabl</i>	GR-0-WU-0007574
211	*F*	Lychnis viscaria L. <i>W/AT-Tirol-Nordtirol-Stubaier Alpen-Westliches Mittelgebirge-Axams, Zifres 11°15'45.9"E 47°14'31.9"N 775m</i>	AT-0-IB-018816
212	*A*	Minuartia pestalozzae Mattf. <i>W/TR-Dedegol Dag-2000m</i>	TR-0-IB-002436
213	*A*	Minuartia pinifolia (M.Bieb.) Graebn.	XX-0-IB-027852
214	*A*	Minuartia verna (L.) Hiern <i>W/RU-Balea-Lac-2030m</i>	RU-0-IB-028196
215	*A*	Paronychia kapela (Hacq.) A.Kern. <i>W/IT-Aostatal-2300m</i>	IT-0-IB-011525
216	*A*	Saponaria caespitosa DC. <i>W/ES/Aragón - Ribagorza- Barbaruens - ibón de Armeña - 0,356 E - 42,5154 N-1850 m s.m. (13/09/2018)</i>	ES-0-IB-022325
217	*A*	Saponaria cyprea Boiss. <i>W/CY-Trodos Gebirge-1200m</i>	CY-0-IB-002455
218	*F*	Saponaria officinalis L.	XX-0-IB-002461
219	*A*	Saponaria x sündermannii hort.	XX-0-IB-002466
220	*A*	Silene alpestris Jacq. <i>W/IT-Friuli Venezia-Giulia-Mt. Sart-2200m</i>	IT-0-IB-002474
221	*A*	Silene araratica Schischk. <i>W/GR-Olymp-1980m</i>	GR-0-IB-016879
222	*A*	Silene nutans L. <i>W/AT-Tirol-Inzing-Schindeltal-750m</i>	AT-0-IB-014275
223	*A*	Silene parnassica Boiss. & Spruner <i>W/AL-Bicaj</i>	AL-0-IB-002492
224	*A*	Silene saxifraga L.	XX-0-IB-014929
<u>Cistaceae</u>			
225	*G*	Cistus albidus L. <i>(HB Bruxelles, 2012; Frankreich, Dep., Pyrénées-Orientales)</i>	FR-0-TUEB-10138
226	*A*	Cistus creticus L. <i>W/AL - Tomorr</i>	AL-0-IB-002548
227	*F*	Cistus laurifolius L.	XX-0-IB-002546
228	*A*	Helianthemum alpestre (L.) DC.	XX-0-IB-002551
229	*A*	Helianthemum apenninum (L.) Mill. <i>W/FR-SW-Alps</i>	FR-0-IB-002552
230	*A*	Helianthemum canum Baumg. <i>W/ME - Visitor</i>	ME-0-IB-002554
231	*A*	Helianthemum hirtum (L.) Mill. <i>W/ES-Sierra-Nevada-2500m</i>	ES-0-IB-002555

232 *A* Helianthemum violaceum (Cav.) Pers.
W/ES-Andalusien, Jaén, Sierra del Segura, 1050m

ES-0-BERN-1989/333 W S

Colchicaceae

233 *A* Colchicum montanum L.
W/ES-Pyrenees-Gavarnie-2000m

ES-0-IB-004020

Crassulaceae

234 *A* Rosularia serrata (L.) A.Berger
W/TR-750m

TR-0-IB-002790

235 *F* Sedum rosea (L.) Scop.

XX-0-IB-002786

236 *F* Sempervivum tectorum L.

XX-0-IB-002869

Cucurbitaceae

237 *G* Momordica charantia L.

XX-0-IB-002896

238 *G* Trichosanthes cucumerina L.

XX-0-MJG-190054530

Cyatheaceae

239 *G* Cyathea australis Domin

XX-0-IB-015623

Cyperaceae

240 *A* Carex atrofusca Schkuhr
W/AT-Nordtirol-Fimbatal und begrenzte Kämme-10,2796419896185 °E. 46,9300160184502 °N-2460m

AT-0-IB-027773

241 *A* Carex atosquama Mack.
W/US-Montana-Bluebird Lake-Kootenai-1600m

US-0-IB-002932

242 *A* Carex liparocarpos Gaudin
W/IT-Oberer Vinschgau-Vetzan-740m

IT-0-IB-014368

243 *A* Carex muskingumensis Schwein.

XX-0-IB-002950

244 *A* Carex supina Willd. ex Wahlenb.
W/IT-Oberer Vinschgau-Laas-870m

IT-0-IB-014369

245 *G* Cyperus alternifolius L.

XX-0-IB-002967

246 *G* Cyperus papyrus L.

XX-0-IB-002973

247 *G* Cyperus textilis Thunb.

XX-0-TUEB-7448

Ericaceae

248 *A* Erica herbacea L.
W/AT-Tirol-Mieminger Plateau-1000m

AT-0-IB-003107

Fabaceae

249 *G* Abrus precatorius L.

XX-0-UNKAR-2011-6288

250 *A* Anthyllis montana L. subsp. jaquinii (Rchb. f.) Rohlena

XX-0-IB-003234

251 *F* Anthyllis vulneraria L.

XX-0-IB-003237

252 *F* Astragalus alopecurus Pall.

XX-0-IB-018880

253 *A* Astragalus autranii Bald.
W/AL-Mali i Tomorit-Skrapar-2200m

AL-0-IB-016767

254 *F* Baptisia australis R.Br.

XX-0-IB-003264

255 *A* Cytisus hirsutus L.

XX-0-IB-013068

256 *G* Cytisus maderensis (Lowe) A. Chev.

XX-0-IB-003290

257	*F*	Galega officinalis L.	XX-0-IB-003302
258	*A*	Lotus corniculatus L.	XX-0-IB-003336
259	*G*	Lotus sessilifolius DC. <i>W/ES-Kanaren, El Hierro, El Pinar, La Restinga, Kanarische Halophytenvegetation, 4m</i>	ES-0-B-1880111
260	*F*	Lupinus luteus L.	XX-0-IB-003345
261	*A*	Oxytropis campestris (L.) DC. <i>W/AT-Nordtirol-Stubai Alpen-Rotkopf-Kesselspitze- N 47°5'53", O 11°21'29"-2400m</i>	AT-0-IB-003364
262	*A*	Oxytropis halleri Koch <i>W/AT-Nauders-2000m</i>	AT-0-IB-003368
263	*F*	Pisum sativum L.	XX-0-IB-021751
264	*F*	Securigera varia (L.) Lassen	XX-0-IB-003285
265	*F*	Trifolium rubens L.	XX-0-IB-003412
266	*F*	Trigonella foenum-graecum L.	XX-0-IB-003414
267	*F*	Vicia cracca L. <i>W/AT-Tirol-Nordtirol-Karwendel-Pettnau, südlich Dirschenbach-11°11'15.99"E-47°17'3.66"N-600m</i>	AT-0-IB-018892
268	*F*	Vicia faba L.	XX-0-IB-018893

Gentianaceae

269	*F*	Gentiana asclepiadea L. <i>W/AT-N-Kalkalpen-600m</i>	AT-0-IB-018898
270	*A*	Gentiana cruciata L. <i>W/SK-Kleine Karpaten-Bartolová</i>	SK-0-IB-022691
271	*A*	Gentiana dinarica Beck	XX-0-IB-003480
272	*A*	Gentiana lutea L.	XX-0-IB-021573
273	*A*	Gentiana occidentalis Jakow. <i>W/FR-Aude</i>	FR-0-IB-003490
274	*A*	Gentiana olivieri Griseb. <i>W/TJ-Gorno-Badakhshan-Western Pamir-S of Khorugh,E 71°35'54", N 37°28'16", 2138m</i>	TJ-0-IB-025666
275	*A*	Gentiana siphonantha Maxim.ex Kuzn. <i>W/CN- Sichuan, Mt.Emei, Jiuzhaigon area, 2700 m</i>	CN-0-M-1993/2566

Geraniaceae

276	*A*	Geranium dalmaticum (Beck) Rech.f.	XX-0-IB-003527
277	*A*	Geranium sanguineum L.	XX-0-IB-003541

Hypericaceae

278	*A*	Hypericum coris L. <i>W/FR-Lucéram (06)-Bon Cuor-778m</i>	FR-0-P-2017g022
279	*A*	Hypericum olympicum L. <i>W/GR-Thessalien-Nomos Magnisias-Pilion Gebirge-1300m</i>	GR-0-IB-002585
280	*A*	Hypericum orientale L. <i>W/RU-Kaukasus-2000m</i>	RU-0-IB-021191

Iridaceae

281	*G*	Freesia laxa (Thunb.) Goldblatt & J.C.Manning	XX-0-IB-003698
282	*A*	Iris acutiloba C.A.Mey. subsp. lineolata (Trautv.) B.Mathew & Wendelbo	XX-0-IB-022554

283	*A*	Iris alberti Regel <i>W/KZ-Aktobe-along route to Alimbetovka-northern shore of Kargalinskoe storage lake-280m</i>	KZ-0-IB-018271
284	*F*	Iris domestica (L.) Goldblatt & Mabb.	XX-0-IB-018907
285	*A*	Iris hookeri Penny ex G. Don <i>W/CA- Quebec: MRC Minganie: Havre-Saint-Pierre, Grand Point.Tourbiere, ca. 1m, 50°12'47"N, 63°26'38"W</i>	CA-0-BONN-36944
286	*A*	Iris paradoxa Steven <i>W/AM</i>	AM-0-IB-019667
287	*F*	Iris sibirica L. <i>W/AT-Tirol-Zirl- 600m</i>	AT-0-IB-003740
288	*F*	Iris vicaria Vved.	XX-0-IB-003747
289	*A*	Sisyrinchium montanum Greene var. crebrum Fernald	XX-0-IB-003765

Juncaceae

290	*A*	Luzula luzuloides (Lam.) Dandy & Wilmott	XX-0-IB-003786
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Lamiaceae

291	*F*	Betonica officinalis L.	XX-0-IB-003937
292	*A*	Dracocephalum austriacum L. <i>W/AT-Niederösterreich-Hainburg-200m</i>	AT-0-IB-003810
293	*F*	Galeopsis segetum Neck.	XX-0-IB-003823
294	*A*	Horminum pyrenaicum L.	XX-0-IB-003825
295	*F*	Hyssopus officinalis L.	XX-0-IB-003827
296	*A*	Hyssopus seravschanicus (Dubj.) Pazij <i>W/TJ-Pamir Gebirge-Schugnan Range-Darwas, 2600m</i>	TJ-0-GZU-08 700914
297	*A*	Lavandula angustifolia Mill.	XX-0-IB-003832
298	*F*	Leonurus cardiaca L.	XX-0-IB-003838
299	*F*	Marrubium vulgare L.	XX-0-IB-003843
300	*F*	Melissa officinalis L.	XX-0-IB-003844
301	*F*	Monarda citriodora Cerv. ex Lag.	XX-0-GZU-00 210036
302	*F*	Monarda didyma L.	XX-0-IB-003855
303	*A*	Nepeta argicola Bory & Chaub. subsp. vourinensis (Baden) Å.Strid & Kit Tan <i>W/AL-Tomorr</i>	AL-0-IB-019331
304	*A*	Nepeta nepetella L. <i>W/FR-Dauphiné-Écrins-Gruppe-Saint-Christophe-en-Oisans - Refuge Soreiller-6°15'13"E, 44°56'22"N - 1700m</i>	FR-0-IB-024987
305	*A*	Nepeta podostachys Benth. <i>W/TJ-Gorno-Badakhshan-Western Pamir-S of the Koytezek pass (Pamir Highway)-E 72°45'21",N 37°29'4"- 4228m</i>	TJ-0-IB-021294
306	*F*	Ocimum basilicum L. `Genovese` cult.	XX-0-IB-003865
307	*G*	Ocimum tenuiflorum L.	XX-0-IB-027387
308	*A*	Origanum dictamnus L. <i>W/GR-Crete-Dikti Mt.-2000m</i>	GR-0-IB-019547
309	*A*	Origanum vulgare L. <i>W/AT-Tirol-Zirl-620m</i>	AT-0-IB-014269
310	*F*	Perilla frutescens (L.) Britt.	XX-0-IAGBXXX9812G
311	*F*	Phlomis fruticosa L. <i>W/AL-Tomor</i>	AL-0-IB-017266
312	*F*	Salvia austriaca Jacq.	XX-0-IB-021832
313	*G*	Salvia canariensis L.	XX-0-IB-009305

314	*F*	Salvia candelabrum Boiss.	XX-0-IB-021833
315	*A*	Salvia cyanescens Boiss. & Balansa <i>W/TR</i>	TR-0-IB-017812
316	*A*	Salvia glutinosa L.	XX-0-IB-003895
317	*A*	Salvia nutans L. <i>W/RU- Voronezhskaya Oblast-Bogutshar Raion, neben dem Dorf Krasnogorovka, ca. 220 km SE von Voronezh</i>	RU-0-OSN-2018-1651
318	*F*	Salvia officinalis L.	XX-0-IB-003900
319	*F*	Salvia sclarea L.	XX-0-IB-003893
320	*F*	Satureja hortensis L.	XX-0-IB-003908
321	*A*	Satureja montana L.	XX-0-IB-022856
322	*F*	Scutellaria alpina L.	XX-0-IB-019895
323	*A*	Sideritis scardica Griseb. <i>W/GR-Timfi-Micro Pagigo-Raitovoli</i>	GR-0-IB-016641
324	*A*	Stachys recta L. <i>W/AT-Tirol-Fritzens-600m</i>	AT-0-IB-014312
325	*A*	Teucrium botrys L.	XX-0-IB-024629
326	*A*	Teucrium flavum L. <i>W/AL-Theth-900m</i>	AL-0-IB-003945
327	*A*	Teucrium orientale L. <i>W/GE-Samtskhe-Javakheti, between Borjomi and Bakuriani, near Tsagveri, 41°48,334' N, 43°28.648' E, app. 1000m</i>	GE-0-M-2012/2456

Liliaceae

328	*A*	Fritillaria involucrata All. <i>W/FR-SW Alpen</i>	FR-0-IB-025572
329	*A*	Tricyrtis puberula Nakai et Kitag. <i>W/CN-Taibai-Shan-Nationalpark</i>	CN-0-IB-002627

Linaceae

330	*P*	Linum alpinum Jacq.	XX-0-IB-006377
331	*A*	Linum lewisii Pursh <i>W/CA-British Columbia</i>	CA-0-IB-007585
332	*A*	Linum suffruticosum L. <i>W/FR-Crete de Montanari-1000m</i>	FR-0-IB-004046
333	*A*	Linum tenuifolium L. <i>W/HU-Budapest-Sas hegy</i>	HU-0-IB-021446
334	*F*	Linum usitatissimum L.	XX-0-IB-004055
335	*F*	Linum viscosum L. <i>W/SI- Roje, 2018, J. B., B. R.</i>	SI-0-LJU-N-018-868

Lythraceae

336	*A*	Lythrum salicaria L.	XX-0-IB-004067
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Malvaceae

337	*G*	Abutilon indicum (L.) Sweet	XX-0-IB-004083
338	*A*	Alcea nudiflora (Lindl.) Boiss. <i>W/TJ-Gorno-Badakhshan-Panj valley-Kalaikhum village-70°47'17"E, 38°27'24"N-1279m</i>	TJ-0-IB-021333

- 339 *F* *Althaea officinalis* L. HR-0-IB-021647
W/HR/Slavonija - W surroundings of Osijek - Cepinski Martinci - 18°28'24"E - 45°30'54"N, 90 m s.m. (08.09.2018)
- 340 *G* *Gossypium barbadense* L. XX-0-KIEL-2004 2782 - 70 - 84
341 *G* *Gossypium herbaceum* L. XX-0-IB-004094
342 *F* *Hibiscus palustris* L. XX-0-IB-006535
343 *F* *Malva neglecta* Wallr. XX-0-IB-004107
344 *F* *Malva sylvestris* L. XX-0-IB-004108

Marantaceae

- 345 *G* *Maranta arundinacea* L. XX-0-IB-015681

Melanthiaceae

- 346 *F* *Veratrum album* L. XX-0-IB-004125

Melastomataceae

- 347 *G* *Arthrostemma parvifolium* Cogn. XX-0-IB-025642
348 *G* *Calvoa orientalis* Taub. XX-0-IB-004135

Montiaceae

- 349 *A* *Montiopsis umbellata* (Ruiz & Pav.) D.I.Ford XX-0-Z-20180248

Myrtaceae

- 350 *G* *Callistemon viridiflorus* (Sieber ex Sims) Sweet XX-0-IB-029771
351 *G* *Psidium guajava* L. XX-0-IB-004174

Onagraceae

- 352 *A* *Clarkia bottae* (Spach) F.R.Lewis & M.E.Lewis XX-0-NCY-20080035G
353 *A* *Epilobium dodonaei* Vill. XX-0-IB-004262
W/AT-Tirol
- 354 *F* *Oenothera biennis* L. AT-0-IB-018987
W/AT-Tirol-Nordtirol-Oberinntal-Zirl-südwestlich Eigenhofen-11°11'38.2"E-47°16'52.5"N, 600m

Paeoniaceae

- 355 *F* *Paeonia lactiflora* Pall. KG-0-IB-019153
W/KG-Bishkek
- 356 *A* *Paeonia officinalis* L. IT-0-IB-004445
W/IT- Monte Baldo-1800m

Papaveraceae

- 357 *F* *Chelidonium majus* L. AT-0-IB-018994
W/AT-Tirol-Nordtirol-Stubaier Alpen-Westliches Mittelgebirge-Ranggen-Itzlranggen -11°14'55.7"E- 47°15'14.6"N, 680m
- 358 *A* *Papaver alpinum* L. CH-0-Bern-2010/212
W/CH-Berner Oberland-Alpengarten Schynige Platte
- 359 *F* *Papaver orientale* L. XX-0-IB-004490
360 *F* *Papaver rhoeas* L. XX-0-PORTY-10295

Plantaginaceae

361	*A*	<i>Digitalis lutea</i> L. <i>W/IT-Mt. Leco-1030m</i>	IT-0-IB-023169
362	*F*	<i>Digitalis purpurea</i> L.	XX-0-IB-005710
363	*A*	<i>Erinus alpinus</i> L.	XX-0-IB-005713
364	*A*	<i>Globularia cordifolia</i> L.	XX-0-IB-003594
365	*F*	<i>Globularia punctata</i> Lapeyr.	XX-0-IB-003599
366	*A*	<i>Globularia repens</i> Lam. <i>W/ES-Provinz Huesca-Cotiella, im Kar oberhalb der Hütte-N 42°31'6", O 0°19'55"- 2200m</i>	ES-0-IB-024986
367	*A*	<i>Globularia trichosantha</i> Fisch. et C.A.Mey. <i>W/TR-Pelli-Dag-2200m</i>	TR-0-IB-003601
368	*A*	<i>Penstemon alpinus</i> Torr. <i>W/US-Colorado, Jefferson County, 2300m</i>	US-0-GZU-11 704016
369	*A*	<i>Penstemon azureus</i> Benth.	XX-0-GZU-12 210085
370	*F*	<i>Penstemon cobaea</i> Nutt. <i>ex US-Prairie Moon Nursery-Winona-Minnesota</i>	US-0-IB-019905
371	*A*	<i>Penstemon grandiflorus</i> Nutt.	XX-0-IB-017632
372	*A*	<i>Penstemon menziesii</i> Hook.	XX-0-IB-018262
373	*A*	<i>Penstemon rydbergii</i> A.Nelson <i>W/US-Washington-Chinook Pass-2500m</i>	US-0-IB-005801
374	*A*	<i>Penstemon utahensis</i> Eastw. <i>W/US-Utha-Grand Co.-Moab parking area, 2090ft</i>	US-0-BONN-38598
375	*A*	<i>Penstemon venustus</i> Douglas ex Lindl.	XX-0-IB-008985
376	*A*	<i>Penstemon virens</i> Pennell ex Rydb. <i>W/US-Colorado-Grand Co.-2561m</i>	US-0-IB-005783
377	*F*	<i>Plantago coronopus</i> L. <i>W/NL-Noord-Holland, bei Leiden, Katwijk aan Zee. 1997-01-01.</i>	NL-0-BONN-19777
378	*F*	<i>Plantago lanceolata</i> L. <i>W/AT-Tirol: Nordtirol - westliches Mittelgebirge - südlich Landeskrankenhaus Natters - 11°21'54.73"E - 47°14'20.32"N, 846m</i>	AT-0-IB-030031
379	*F*	<i>Plantago major</i> L.	XX-0-IB-004579
380	*F*	<i>Plantago ovata</i> Forssk	XX-0-IB-025244
381	*A*	<i>Plantago sempervirens</i> Crantz	XX-0-IB-013848
382	*A*	<i>Plantago strictissima</i> L. <i>W/IT-Oberer Vinschgau-Mals-1000m</i>	IT-0-IB-014278
383	*A*	<i>Plantago subulata</i> L. <i>W/ES-Sierra Nevada, 2200m</i>	ES-0-ER-2006-41
384	*A*	<i>Veronica fruticans</i> Jacq.	XX-0-IB-005833
385	*A*	<i>Veronica spicata</i> L. <i>W/IT-Oberer Vinschgau-Vetzan-740m</i>	IT-0-IB-023192
386	*A*	<i>Wulfenia carinthiaca</i> Jacq. <i>W/ME-Prokletije-Mt. Kërrshat e Mdhaj - Mt. Marjashi/Marijas</i>	ME-0-IB-016811

Plumbaginaceae

387	*A*	<i>Acantholimon kotschyi</i> (Jaub. & Spach) Boiss. <i>W/TR-Kütahya-1200m</i>	TR-0-IB-004595
388	*A*	<i>Armeria alliacea</i> (Cav.) Hoffmanns. & Link <i>W/IT-Monte Pietra di Corvo-Sassi Neri-1078m</i>	IT-0-GENT-19990597

389	*A*	Armeria alpina (DC.) Willd. <i>W/SI</i>	SI-0-STGAL-8722
390	*A*	Armeria canescens (Host) Boiss. <i>W/BA-Cvrsnica-Mt.Plocno-1000m</i>	BA-0-IB-014608
391	*A*	Armeria maritima Girard ex Boiss. subsp. sibirica (Turcz. ex Boiss.) Nyman	XX-0-IB-004614
392	*A*	Armeria villosa Girard <i>W/ES-Sierra de Cazorla-Prov. Jaen-Sierra del Pozo-1km SE towards Pozo Alcon., 1410m</i>	ES-0-MB-1981/1776
393	*A*	Goniolimon callicomum (C.A.Mey.) Boiss. <i>W/KZ</i>	KZ-0-IB-023849
394	*A*	Goniolimon cuspidatum Gamajun. <i>W/KG</i>	KG-0-IB-023848
395	*A*	Limonium binervosum (G.E:Sm.) C.E.Salmon <i>W/FR</i>	FR-0-Z-20120277
396	*A*	Limonium gougetianum (Girard) Kuntze <i>W/HR-Mali Losinj</i>	HR-0-IB-004628

Poaceae

397	*F*	Aegilops tauschii Coss.	XX-0-IB-021617
398	*F*	Avena sativa L.	XX-0-IB-019578
399	*F*	Bouteloua curtipendula (Michx.) Torr. <i>ex US-Prairie Moon Nursery-Winona-Minnesota</i>	US-0-IB-020171
400	*A*	Chondrosium gracile Kunth <i>W/US-South Dakota</i>	US-0-U-2002BL00753
401	*A*	Festuca amethystina L. <i>AT/Tirol-Nordtirol-Wetterstein-Mieminger Kette-WNW Henneberg-10°58'06"E-47°20'21"N, 1450m (21.10.2018)</i>	AT-0-IB-021312
402	*A*	Festuca gautieri (Hack.) K.Richt. <i>W/ES-Catalonia-Berguedà-Saldes-Pedraforca-path under the Northface-1,6987 E, 42,2436 N, 1900m</i>	ES-0-IB-022531
403	*A*	Festuca pallens Host	XX-0-IB-023838
404	*A*	Festuca paniculata (L.) Schinz & Thell. <i>W/AT-Osttirol-Lienzer Dolomiten-Hochstadl</i>	AT-0-IB-026371
405	*A*	Festuca pseudodura Steud. <i>W/AT-Kärnten, Gurktaler Alpen, Rabenkofl</i>	AT-1-IB-017796
406	*A*	Festuca rupicola Heuff. <i>W/AT-Tirol-Zirl-620m</i>	AT-0-IB-014232
407	*A*	Festuca valesiaca Schleich. ex Gaudin <i>W/IT-Südtirol-Vinschgau-Laas</i>	IT-0-IB-024621
408	*A*	Helictotrichon sempervirens (Vill.) Pilg.	XX-0-IB-025051
409	*A*	Heteropogon contortus (L.)P.Beauv. ex Roem. & Schult. <i>W/IT-Susatal</i>	IT-0-IB-017886
410	*F*	Hordeum distichon L.	XX-0-IB-019574
411	*F*	Hordeum vulgare L.	XX-0-IB-004712
412	*A*	Koeleria pyramidata (Lam.) P.Beauv. <i>W/AT-Tirol-Zirl-620m</i>	AT-0-IB-028192
413	*A*	Koeleria vallesiana (Honck.) Bertol. ex Schult. <i>W/FR-Elsaß-Rouffach</i>	FR-0-NGOET-2236

414	*A*	Melica ciliata L. <i>W/AT-Tirol-Prutz-Kaunerberg-1200m</i>	AT-0-IB-014234
415	*A*	Melica ciliata L. subsp. monticola (Prokudin) Tzvelev <i>W/GR - Timfi-Micro Pagigo-Raitovoli</i>	GR-0-IB-016635
416	*A*	Melica nutans L.	XX-0-IB-004721
417	*F*	Molinia caerulea agg. (L.) Moench <i>W/AT-Tirol-Nordtirol-Karwendel-Nordkette (Inntalkette)-Innsbruck-Allerheiligen-11°21'00"E-47°16'28"N, 830m</i>	AT-0-IB-019004
418	*F*	Nassella tenuissima (Trin.) Barkworth <i>W/US-Texas-2000m</i>	US-0-IB-018211
419	*F*	Panicum miliaceum L.	XX-0-IB-021616
420	*A*	Phleum phleoides (L.) H.Karst. <i>W/AT-Tirol-Oberperfuss-820m</i>	AT-0-IB-014268
421	*A*	Poa xerophila Kerguélen <i>W/IT-Südtirol-Vinschgau-Obere Leiten-10°35'02"E-46°40'33"N-1221m, 06.08.2019</i>	IT-0-IB-025771
422	*F*	Secale cereale L.	XX-0-IB-019576
423	*A*	Sesleria autumnalis (Scop.) F.W.Schultz <i>W/GR-Pinthos-Aoos Gorge-700m</i>	GR-0-IB-018930
424	*A*	Sesleria caerulea (L.) Ard.	XX-0-IB-004756
425	*A*	Sesleria nitida Ten. <i>W/IT-Abruzzen-Gran Sasso</i>	IT-0-IB-026372
426	*A*	Sesleria rigida Heuff. ex Rchb. <i>W/RO-Transilvania-Brasov-Timpa-936m</i>	RO-0-IB-016809
427	*A*	Sesleria robusta Schott, Nyman & Kotschy <i>W/BA-Hercegovina-Dinara-Mt. Veliki Troglav-1915m</i>	BA-0-IB-014888
428	*A*	Sesleria tenuifolia Schrad. <i>W/ME-Komovi-upper valley Medukomlje-2197m</i>	ME-0-IB-004757
429	*F*	Sorghum bicolor (L.) Moench	XX-0-ZAVRT-8019A
430	*A*	Stipa pennata agg. L.	XX-0-IB-004768
431	*A*	Taeniatherum caput-medusae (L.) Nevski <i>W/TJ-Gorno-Badakhshan-Panj valley-Kalaikhum village-70°47'17"E, 38°27'24"N-1279m</i>	TJ-0-IB-021053
432	*A*	Trisetum distichophyllum (Vill.) P.Beauv. <i>W/AT-Tirol-Nord Tirol-Tuxer Alpen- 47° 5'3.40"N, 11°38'36.85"E-2430m</i>	AT-0-IB-021435
433	*F*	Triticum boeoticum Boiss.	XX-0-IB-021615
434	*F*	Triticum monococcum L.	XX-0-PORTY-11048
435	*F*	Triticum spelta L.	XX-0-IB-004777
436	*F*	Triticum turgidum Steud. subsp. dicoccoides (Körn.) Thell.	XX-0-ULM-1998-F-235
437	*F*	Triticum turgidum Steud. subsp. dicoccon (Schrank) Thell.	XX-0-IB-019580
438	*F*	Zea mays L.	XX-0-IB-021612
439	*F*	Zea mexicana (Schrad.) Kuntze	XX-0-IB-021614

Polemoniaceae

440	*A*	Collomia grandiflora Douglas ex Lindl.	XX-0-IB-021844
441	*A*	Ipomopsis rubra (L.) Wherry <i>W/US-Oklahoma</i>	US-0-TUEB-1528
442	*A*	Leptodactylon californicum Hook. & Arn. <i>W/US-California-Santa Barbara Co.-410m</i>	US-0-IB-004793
443	*F*	Polemonium caeruleum L.	XX-0-IB-004816

Polygonaceae

- 444 *A* Eriogonum brevicaule Nutt. var. nanum (Reveal) S.L.Welsh
W/US-Utah US-0-IB-004835
- 445 *A* Eriogonum pulchrum Eastw.
W/US-Arizona-1780m US-0-IB-008585
- 446 *A* Eriogonum saxatile S.Watson
W/US-California-San Bernadino Co.-San Gabriel Mts.-Mt. San Antonio-2900m US-0-IB-021374
- 447 *F* Fagopyrum esculentum Moench XX-0-IB-020543
- 448 *F* Persicaria bistorta (L.) Samp. XX-0-IB-004830
- 449 *F* Rheum palmatum L. XX-0-IB-004875
- 450 *F* Rheum rhabarbarum L. XX-0-IB-004876
- 451 *A* Rheum tibeticum Maxim. ex Hook. f.
W/CN-Karakorum-Mutztagh Valley CN-0-IB-004879
- 452 *F* Rumex patientia L. XX-0-IB-004885

Polypodiaceae

- 453 *G* Platycerium bifurcatum (Cav.) C. Chr. XX-0-IB-015500

Primulaceae

- 454 *A* Dodecatheon clevelandii Greene ssp. patulum (Greene) H.J.Thomps.
W/US-Ventura Co., CA, 350ft, 107m US-0-IB-022101
- 455 *F* Dodecatheon meadia L. XX-0-IB-009566
- 456 *A* Lysimachia ephemereum L. XX-0-IB-005018
- 457 *A* Primula auricula L.
W/AT-Tirol-Gnadenwald-950m AT-0-IB-005027

Ranunculaceae

- 458 *F* Aconitum cymbulatum (Schmalh.) Lipsky
W/GE-Samtskhe-Javakheti-Bakuriani, slopes S of the village, NE of Tkhratskaro pass-tall herb meadow-N41 41.917, O43 31.789, 2431m GE-0-IB-025705
- 459 *P* Aconitum napellus L.
In/AT-Tirol-Mt.Patscherkofel-2000m AT-0-IB-008321
- 460 *A* Anemone altaica Fisch. ex C.A.Mey. XX-0-IB-010105
- 461 *A* Anemone multifida Poir.
W/AR- Feuerland, Ea Viamonte AR-0-NGOET-357
- 462 *A* Anemone rupicola Cambess. XX-0-IB-025994
- 463 *A* Aquilegia atrata Koch
W/AT-Tirol-Innsbruck-Hötting-unterhalb Rauschbrunnen-850m AT-0-IB-023835
- 464 *A* Aquilegia bertolonii Schott XX-0-IB-025191
- 465 *A* Aquilegia canadensis L. XX-0-IB-005139
- 466 *A* Aquilegia desertorum (M.E.Jones) Cockerell ex A.Heller XX-0-IB-005142
- 467 *A* Aquilegia ottonis Orph. ex Boiss. subsp. amaliae (Heldr. ex Boiss.) Strid
W/GR-Mt. Olymp-1980m GR-0-IB-016846
- 468 *A* Aquilegia pyrenaica DC.
W/FR-Pyrenäen- 2000m FR-0-IB-005152

469	*A*	Clematis hirsutissima Pursh <i>W/US-Utah-Mt.Pleasant</i>	US-0-IB-005171
470	*F*	Clematis recta L.	XX-0-IB-005179
471	*A*	Clematis scottii Porter <i>W/US-Colorado</i>	US-0-IB-005183
472	*A*	Clematis songorica Bunge <i>W/KZ-Almaty-Charyn Canyon-at western entrance of Valley of Castles-1120m</i>	KZ-0-IB-005172
473	*F*	Delphinium exaltatum Aiton <i>ex US-Prairie Moon Nursery-Winona-Minnesota</i>	US-0-IB-019760
474	*F*	Nigella damascena L.	XX-0-IB-005218
475	*F*	Ranunculus acris L. <i>W/AT-Tirol-Nordtirol-Karwendel-Zirl, Eigenhofen-11°12'48.4"E-47°16'48.7"N,610m</i>	AT-0-IB-019042
476	*P*	Thalictrum minus L.	XX-0-IB-026375

Resedaceae

477	*F*	Reseda lutea L.	XX-0-IB-005287
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Rosaceae

478	*A*	Agrimonia eupatoria L. <i>W/AT-Tirol-Inzing-Farbental-620m</i>	AT-0-IB-014317
479	*F*	Aruncus dioicus (Walter) Fernald <i>W/AT-Tirol-Nordtirol-Stubaier Alpen-Westliches Mittelgebirge-Kematen-Waldrand südlich Himmelreichweg -11°16'50.81"E-47°14'51.59"N, 685m</i>	AT-0-IB-019089
480	*A*	Chamaebatiaria millefolium (Torr.) Maxim. <i>W/US-Nevada-White Pine Co.-2500m</i>	US-0-IB-005325
481	*A*	Dryas drummondii Richardson ex Hook. <i>W/US-Alaska</i>	US-0-IB-005342
482	*A*	Dryas octopetala L.	XX-0-IB-005343
483	*A*	Dryas tenella Pursh	XX-0-IB-025333
484	*A*	Filipendula palmata (Pall.) Maxim. <i>W/KR</i>	KR-0-IB-005349
485	*A*	Geum magellanicum Comm. ex Pers. <i>W/CL-Torres del Pain</i>	CL-0-IB-005361
486	*F*	Geum rivale L. <i>W/AT-Tirol-Nordtirol-Stubaier Alpen-Flauerling-Waldweg Richtung Westen-11° 6'42.44"E-47°17'28.49"N, 690m</i>	AT-0-IB-019075
487	*F*	Geum urbanum L. <i>W/AT-Tirol: Nordtirol - Karwendel - Zirl, Eigenhofen - 11°12'50.60"E - 47°16'51.69"N, 654m</i>	AT-0-IB-030032
488	*A*	Gillenia trifoliata L.	XX-0-WU-0021974
489	*G*	Marcetella moquiniana (Webb et Berthel.) Svent. <i>W/ES-Canary Islands</i>	ES-0-IB-014748
490	*A*	Petrophytum caespitosum (Nutt. ex Torr. & A.Gray) Rydb.	XX-0-IB-005388
491	*A*	Potentilla concinna Richardson <i>W/US-Utah-Summit Co.-2100m</i>	US-0-IB-018268
492	*A*	Potentilla glandulosa (R.Keller ex Siegfr.) Th.Wolf	XX-0-IB-025973
493	*A*	Potentilla megalantha Takeda	XX-0-IB-007759

494	*A*	Potentilla multifida L. <i>W/TJ-Gorno-Badakhshan-Western Pamir-8.5 km NNW Dzhiland (Djelondi)-E 72°32'34",N 37°38'23"- 3544m</i>	TJ-0-IB-021076
495	*A*	Potentilla nepalensis D.Don	XX-0-IB-005415
496	*A*	Potentilla nitida L. <i>W/IT-Sextener Dolomiten-2400m</i>	IT-0-IB-018604
497	*A*	Potentilla pulvinaris Fenzl	XX-0-IB-005413
498	*A*	Potentilla villosa Pall. ex Pursh <i>W/CA-British Columbia</i>	CA-0-IB-005424
499	*A*	Purshia mexicana (D.Don) Henr. <i>W/US-1600m</i>	US-0-IB-008605
500	*A*	Rosa pendulina L. <i>W/AT-Tirol-Hahntennjoch-1750m</i>	AT-0-IB-021057
501	*A*	Sarcopoterium spinosum (L.) Spach <i>WAH/GR-Kreta</i>	GR-0-IB-018040

Rubiaceae

502	*A*	Asperula nitida Sm.	XX-0-IB-005489
503	*G*	Coffea arabica L.	XX-0-IB-005490
504	*F*	Phuopsis stylosa (Trin.) Hook.f. ex B.D.Jacks.	XX-0-IB-006420

Rutaceae

505	*F*	Ruta graveolens L.	XX-0-IB-005525
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Saxifragaceae

506	*A*	Boykinia rotundifolia Parry ex A.Gray	XX-0-IB-005568
507	*A*	Heuchera cylindrica Douglas <i>W/CA-British Columbia-Princeton</i>	CA-0-IB-005576
508	*A*	Heuchera elegans Abrams <i>W/US-Kalifornien-1100m</i>	US-0-IB-008383
509	*A*	Heuchera rubescens Torr. <i>W/US-New Mexico-Lincoln Co.-3050m</i>	US-0-IB-013750
510	*A*	Micranthes pensylvanica (L.) Haw.	XX-0-GZU-YY 210072
511	*A*	Saxifraga bronchialis L. <i>W/RU-Sibirien-Region Burjatien-Svyatoy Nos-Ust-Barguzin</i>	RU-0-IB-021298
512	*A*	Saxifraga cartilaginea Willd. <i>W/GE-Svaneti-Tsana-rocks along the road to Lentekhi-N 42° 51.497,E 43° 09.869-1496m</i>	GE-0-IB-023164
513	*A*	Saxifraga cochlearis Rchb. 'Minor'	XX-0-IB-005615
514	*A*	Saxifraga crustata Vest <i>W/IT-Julische Alpen-Sella Nevea-Mt.Sart-Bela Pec-1800-2300m</i>	IT-0-IB-014588
515	*A*	Saxifraga hostii Tausch	XX-0-IB-005630
516	*A*	Saxifraga hostii Tausch subsp. hostii Tausch <i>W/IT-Julische Alpen-Sella Nevea-Mt.Sart-Bela Pec-1800-2300m</i>	IT-0-IB-014589
517	*A*	Saxifraga hostii Tausch subsp. rhaetica (A.Kern.) Braun-Blanq.	XX-0-IB-005631
518	*A*	Saxifraga moschata Wulfen <i>W/AT-Tirol-Nösslach Joch-1700m</i>	AT-0-IB-005641
519	*A*	Saxifraga paniculata Mill.	XX-0-IB-005644

- 520 *A* Saxifraga pedemontana All. subsp. cervicornis (Viv.) Engl. IT-0-IB-005646
W/IT-Sardienien
- 521 *A* Saxifraga sancta Griseb. subsp. pseudosancta (Janka) Kuzmanov XX-0-IB-009025
- 522 *A* Saxifraga scleropoda Sommier & Levier. RU-0-IB-007581
W/RU-Kaukasus-Ceget-3100m

Scrophulariaceae

- 523 *F* Scrophularia nodosa L. AT-0-IB-005811
W/AT-Tirol-Nordtirol-Stubaier Alpen-Westliches Mittelgebirge-Oberperfuss-östlich-11°15'21.68"E-47°14'28.56"N, 774m
- 524 *F* Verbascum densiflorum Bertol. XX-0-IB-007280
- 525 *A* Verbascum longifolium Ten. MN-0-IB-016756
W/MN-Visitor-Prokletije
- 526 *F* Verbascum nigrum L. XX-0-IB-019138

Solanaceae

- 527 *F* Atropa bella-donna L. AT-0-IB-005871
W/AT-Tirol-Nordtirol-Stubaier Alpen-Westliches Mittelgebirge-Natterer Boden-11°22'50.07"-47°14'28.71"N, 840m (17 04 2019)
- 528 *F* Datura stramonium L. XX-0-IB-005885
- 529 *F* Nicandra physalodes (L.) Gaertn. XX-0-IB-005898
- 530 *F* Nicotiana rustica L. XX-0-IB-005901
- 531 *F* Nicotiana tabacum L. XX-0-IB-005902
- 532 *G* Solanum uporo Dunal XX-0-IB-018636

Thymelaeaceae

- 533 *A* Daphne pontica L. XX-0-IB-005961
- 534 *A* Daphne x reichsteinii Landolt & E. Hauser IT-0-IB-005963
W/IT-Gardasee

Tofieldiaceae

- 535 *A* Tofieldia calyculata (L.) Wahlenb. AT-0-IB-004035
W/AT-Tirol-Karwendel

Typhaceae

- 536 *A* Typha minima Funck AT-0-IB-017766
W/AT-Lechtal

Urticaceae

- 537 *G* Boehmeria macrophylla Hornem. XX-0-IB-005990
- 538 *G* Boehmeria nivea (L.) Gaudich. XX-0-IB-005991

Verbenaceae

- 539 *G* Phyla scaberrima (Juss. ex Pers.) Moldenke XX-0-IB-019652
- 540 *A* Verbena macdougalii A.Heller US-0-GZU-01/420720
W/US-Arizona-Grand Canyon

Botanischer Garten Innsbruck / Botanical Garden Innsbruck

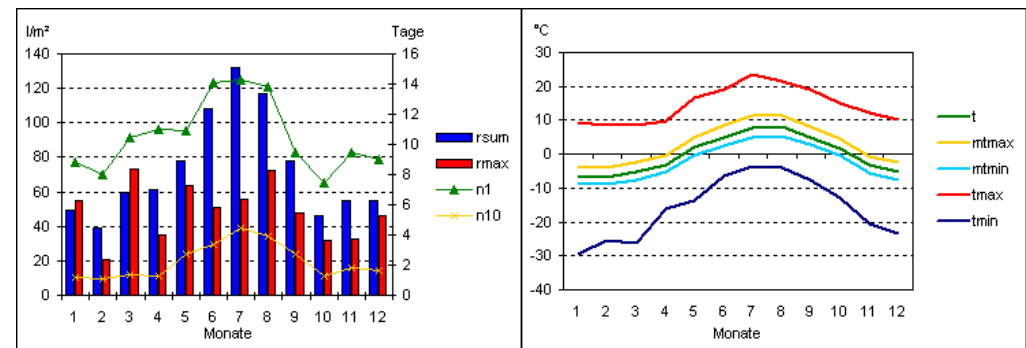
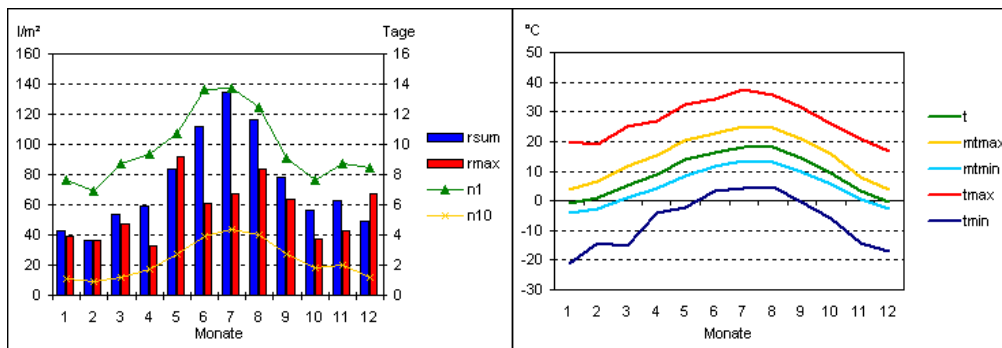


Gartenfläche / Size of the garden	2 ha
Schaugewächshäuser / Public greenhouses	759 m ²
Geografische Lage / Geographical data	47° 16' 4" N 11° 22' 46" E
Meereshöhe / Altitude	611 m

Alpengarten am Patscherkofel / Alpine Garden on Mt. Patscherkofel



Gartenfläche / Size of the garden	2 ha
Forschungsstation / Research station	130 m ²
Geografische Lage / Geographical data	47° 12' 38" N 11° 27' 4" E
Meereshöhe / Altitude	1945 m



Samenbestellung

Bestellungen nur bis 31. März 2023

Wegen des hohen Verwaltungsaufwandes können wir leider kein Pflanzengesundheitszeugnis ausstellen.

Seit Inkrafttreten des Übereinkommens über die Biologische Vielfalt (CBD, Rio de Janeiro, 1992) ergibt sich für Botanische Gärten und vergleichbare Sammlungen, besonders im Zusammenhang mit dem Austausch von pflanzlichem Material, die Notwendigkeit zur Beachtung insbesondere des Artikels 15 der CBD (Zugang zu genetischen Ressourcen). Zur Umsetzung dieses Artikels existiert seit fast 10 Jahren das Internationale Pflanzen Austausch Netzwerk (IPEN). Es dient dem vereinfachten Austausch von Saatgut und ausschließlich Botanische Gärten können daran teilnehmen. Das Saatgut darf nicht für kommerzielle Zwecke genutzt werden.

Sollten Sie kein IPEN-Mitglied sein, ist die Vereinbarung auf der folgenden Seite zu verwenden. Für alle Bestellungen von Institutionen außerhalb der EU ist die Angabe der CITES-Registrierungsnummer erforderlich. Für IPEN-Teilnehmer entfällt die Unterschrift.

Für alle Bestellungen von Institutionen außerhalb der EU ist die Angabe der CITES-Registrierungsnummer verpflichtend.

Botanischer Garten und Alpengarten des Instituts für Botanik

Sternwartestraße 15

A – 6020 Innsbruck

Austria

E-Mail: Botanischer-Garten@uibk.ac.at

URL: www.uibk.ac.at/botany/botanical_gardens

Seed order

Orders only until March, 31, 2023

We regret being unable to provide a phytosanitary certificate due to the administrative complications involved.

In accordance with the [Convention on Biological Diversity](#) (Rio de Janeiro, 1992) Botanical Gardens have to adhere to Article 15 (Access to genetic resources). Therefore the International Plant Exchange Network (IPEN) has been established so that Botanical Gardens can easily exchange seeds. Only Botanical Gardens are allowed to participate and seeds are not to be used for commercial purposes (<https://www.bgci.org/our-work/policy-and-advocacy/access-and-benefit-sharing/the-international-plant-exchange-network/>).

Those Botanical Gardens not yet participating in [IPEN](#) have to sign the agreement on the next page.

IPEN members do not have to sign the agreement.

For all orders from institutions outside the EU, the CITES registration number is mandatory.

Agreement on the supply of living plant material for non-commercial purposes leaving the International Plant Exchange Network

Against the background of the Convention on Biological Diversity (“CBD”) and the Nagoya Protocol on Access to Genetic Resources and the Fair and Equitable Sharing of Benefits Arising from their Utilization to the Convention on Biological Diversity, the Botanical Garden of the University of Innsbruck is dedicated to promoting the conservation, sustainable use, and research of biological diversity. The Botanical Garden of the University of Innsbruck (the “supplier”) therefore expects its partners in acquiring, maintaining, and transferring plant material to always act in accordance with the CBD, the Nagoya Protocol and the Convention on the International Trade in Endangered Species (CITES).

The responsibility for legal handling of the plant material listed below passes on from the supplier to the recipient upon receipt of the material. The following conditions apply:

1. The recipient may use the supplied plant material, progeny or derivatives only for non-commercial purposes such as scientific study, education and conservation. Should the recipient at a later date intend a commercial use or a transfer to third parties for commercial use, the country of origin’s prior informed consent (PIC) must be obtained in writing before the material is used or transferred.
 2. The recipient is responsible for ensuring an equitable sharing of benefits in accordance with the CBD and the Nagoya Protocol.
 3. The recipient must keep all information on the received plant material, including its origin (supplier, country of origin, year of collection) and the IPEN number, as well as the terms and conditions in a comprehensible manner.
 4. In the event that scientific publications are produced based on the supplied plant material, the recipient is obliged to indicate in those publications the origin of the material (the supplying garden and, if known, the country of origin) as well as the IPEN number. The recipient shall send a copy of these publications to the supplier.
 5. On request, the supplier will forward relevant information on this transfer of the plant material to the body charged with implementing the Nagoya Protocol (usually the competent national authority in the SUPPLIER’s home country).
 6. The recipient may transfer the received plant material, its progeny or derivatives only for non-commercial use to bona fide third parties. Such transfer to third parties must be under the terms and conditions of this agreement, including the obligation to keep, cite and transfer the IPEN number. The recipient must document the transfer in a suitable manner.
-

I accept the above conditions.

Date, Signature

Recipient’s name and address, stamp

We want to inform you that Austria is not putting restrictions on the use of material originating from its territory in the context of the Nagoya Protocol of the Convention on Biological Diversity (CBD). Nevertheless we would appreciate any information about uses of material distributed by us.

[Tage der Arzneipflanzen](#)

freirad Radiosendung im Rahmen des 20jährigen Jubiläums: „Durch den Garten mit...KulturTon-Gespräche zur Beziehung von Kultur und Natur“



„Tee - Aufguss mit Genuss - Vielfalt und Faszination von *Camellia sinensis*“ Ausstellung - Exhibition

„BOTANICA 2022 in Kooperation mit dem Alles Gute Festival “



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