

no	name	family	country	colsite	altit	ecology	note	year	price
1	<i>Acaena macrocephala</i>	Rosaceae	CHL	Lag. Laja	140	volcanic ash, lava	10 cm	2019	B
2	<i>Acaena macrocephala</i>	Rosaceae	CHL	Lag. Teno	246	volcanic ash, lava		2019	B
3	<i>Acantholimon auliatense</i>	Plumbaginaceae	KYR	Chatkal AT	2200	dry steppe	Rounded cushions 15	2018	C
4	<i>Acantholimon diapensioides</i>	Plumbaginaceae	TAJ	BulunKul, Pamir	4300	alpine scree	very dense cushion, 1	2015	E
5	<i>Acantholimon diapensioides</i>	Plumbaginaceae	TAJ	Akbaital, Pamir	4500	alpine scree		2015	E
6	<i>Acantholimon diapensioides</i>	Plumbaginaceae	TAJ	Targakaty, Pamir	4200	alpine scree		2015	E
7	<i>Acantholimon pamiricum</i>	Plumbaginaceae	TAJ	Murgab, Pamir	3700	dry rocky steppe	rounded large cushion	2015	C
8	<i>Acantholimon pamiricum</i>	Plumbaginaceae	TAJ	Targakaty, Pamir	4200	dry alpine steppe		2015	C
9	<i>Acantholimon pamiricum</i>	Plumbaginaceae	TAJ	Bulun Kul, Pamir	4000	dry alpine steppe		2015	C
10	<i>Acis nicaensis</i>	Amaryllidaceae	cult				bulb pl. 8-12 cm high	2019	D
11	<i>Adesmia corymbosa</i>	Fabaceae	CHL	La Parva	286	volcanic ash, lava	prostrate, yellow fls	2019	D
12	<i>Adesmia emarginata</i>	Fabaceae	CHL	Chillan	175	volcanic ash, lava	20-30 cm, fls yellow	2019	B
13	<i>Adesmia longipes</i>	Fabaceae	CHL	Lag. Teno	247	volcanic ash, lava	prostrate, pods with r	2019	E
14	<i>Adesmia schneideri</i>	Fabaceae	CHL	Lag. Laja	145	volcanic ash, lava	thorny shrublet, 30 cm	2019	D
15	<i>Adonis turkestanica</i>	Ranunculaceae	TAJ	Anzob, Hissar	2900	subalpine rocky grassland	perennial pl., 15-40 cm	2017	C
16	<i>Agoseris glauca</i>	Asteraceae	USA	ex WY		mountain grassland		2018	C
17	<i>Ajania cf. shamhorstii</i>	Asteraceae	TAJ	Akbaital, Pamir	4400	dry alpine steppe	caespitose pl., 10-15	2015	C
18	<i>Ajania cf. shamhorstii</i>	Asteraceae	KYR	Kyzylart, TransAlai	3800	dry steppe		2015	C
19	<i>Ajania kharfensis</i>	Asteraceae	CHN	BaimaShan, Yunnan	4300	limestone scree, grassland	prostrate, 5 cm, silver	2019	D
20	<i>Ajania trilobata</i>	Asteraceae	TAJ	Karakul, Pamir	3900	dry alpine steppe	caespitose pl., 10-15	2015	C
21	<i>Alectris gracilis</i>	Liliaceae	CHN	SerkymLa, Tibet	4400	Kobresia grassland	Tofieldia-like pl., 5-10	2016	C
22	<i>Alectris pauciflora</i>	Liliaceae	CHN	Lulang, Tibet	3200	mountain grassland		2016	C
23	<i>Allium aflatumense</i>	Alliaceae	KYR	Fergana Ridge	1860	mountain grassland	Bulb pl 1 m high, rich	2018	B
24	<i>Allium altaicum</i>	Alliaceae	ex MNG	Chorgo			bulb pl 30-40 cm high	2018	A
25	<i>Allium atosanguineum</i>	Alliaceae	KAZ	Trans-Ily Ala Tau	3300	alpine grassland, snowfields	onion ancestor, 10-30	2019	D
26	<i>Allium beesianum</i>	Alliaceae	CHN	BaimaShan, Yunnan	4300	limestone scree, grassland		2019	D
27	<i>Allium caeruleum</i>	Alliaceae	KYR	Fergana Ridge	1890	mountain grassland	Bulb pl. 40 cm high,	2018	C
28	<i>Allium carolinianum</i>	Alliaceae	KAZ	Trans-Ily Ala Tau	2700	alpine scree	10-20 cm, pink fls	2019	D
29	<i>Allium fedtschenkoanum</i>	Alliaceae	TAJ	Khomburabad, Darvas	3300	snow fields	sect. Cepa, bulb pl.	2017	C
30	<i>Allium forrestii</i>	Alliaceae	CHN	BaimaShan, Yunnan	4500	limestone scree, grassland		2019	E
31	<i>Allium galanthum</i>	Alliaceae	ex KAZ	Ketmen	1200	dry scree	sect. Cepa, caespitose	2019	C
32	<i>Allium insubricum</i>	Alliaceae	ex ITA	Orobie Alps	1800	limestone scree	decorative bulb pl., 15-	2019	C
33	<i>Allium karataviense</i>	Alliaceae	KYR	Central Kyrgyz AT	1850	limestone scree	Bulb pl 5-15 cm high,	2018	B
34	<i>Allium macranthum</i>	Alliaceae	ex CHN	Sechuan	3800	wet meadow	20-30 cm, triangular s	2019	C
35	<i>Allium oschaninii</i>	Alliaceae	ex TAJ	Yazgulem, Pamir	2100	rocky slope	bulb pl, 50 cm high, a	2019	C
36	<i>Allium victorialis ssp. platyphyllum</i>	Alliaceae	ex Japan	Hotaka Dake, Honsu	2000	woodland	bulb pl, 30-40 cm high	2019	B

37	<i>Alstroemeria aurea</i>	Alstroemeriaceae	CHL	Shangrila	142	volcanic ash, lava		2019	D
38	<i>Alstroemeria cf. exerens</i>	Alstroemeriaceae	CHL	Lag. Teno	200	volcanic ash, lava	30-50 cm, orange fls	2019	D
39	<i>Alstroemeria pallida</i>	Alstroemeriaceae	CHL	Lagunillas	230	volcanic ash, lava	15-25 cm, pink fls	2019	E
40	<i>Alstroemeria pallida</i>	Alstroemeriaceae	CHL	Lagunillas	215	volcanic ash, lava		2019	E
41	<i>Anaphalis flavescens</i>	Asteraceae	CHN	Chomolangma, Tibet	5000	alpine scree	perennial pl., 10 cm hi	2016	D
42	<i>Anathrophyllum cummingii</i>	Fabaceae	CHL	Lagunillas	237	volcanic ash, lava		2019	E
43	<i>Anathrophyllum cummingii</i>	Fabaceae	CHL	V Nevado	310	volcanic ash, lava		2019	E
44	<i>Androsace adenocephala</i>	Primulaceae	CHN	SerkymLa, Tibet	4500	alpine grassland	cushion pl., 3-10 cm h	2016	E
45	<i>Androsace aff. zayulensis</i>	Primulaceae	CHN	Doyala, Tibet	4400	dry scree	large compact cushion	2016	E
46	<i>Androsace bisulca v. brahmaputrae</i>	Primulaceae	CHN	Gyamba, Tibet	3300	mountain Kobresia grassland	cushion, 3-8 cm high	2016	E
47	<i>Androsace bisulca v. brahmaputrae</i>	Primulaceae	CHN	Basumtso, Tibet	3300			2016	E
48	<i>Androsace bulleyana</i>	Primulaceae	ex CHN					2019	E
49	<i>Androsace caduca*</i>	Primulaceae	TAJ	Anzob, Hissar	3000	limestone crevices and scree	cushion pl, densely w	2017	E
50	<i>Androsace cf. angrenica</i>	Primulaceae	KYR	Moldo Tau	2900	limestone scree	Flat lax cushions 5-15	2018	F
51	<i>Androsace cf. ovczinnikovii</i>	Primulaceae	KYR	Moldo Tau	2800	limestone scree	Flat lax cushions 5-15	2018	F
52	<i>Androsace chamaejasme</i>	Primulaceae	USA	ex CO	4000	alpine grassland	prostrate cushions, 5	2018	F
53	<i>Androsace darvasica</i>	Primulaceae	TAJ	Khomburabad, Darvas	3300	alpine grassland and shrubland	prostrate lax cushion	2017	E
54	<i>Androsace darvasica</i>	Primulaceae	TAJ	Peter I.	2600			2017	E
55	<i>Androsace dasyphylla</i>	Primulaceae	TAJ	Alichur Range, Naizata	4200	alpine grassland, limestone	prostrate lax mat., 10-	2015	E
56	<i>Androsace dasyphylla*</i>	Primulaceae	KYR	Moldo Tau	3050	limestone scree	Rounded cushions 3-4	2018	E
57	<i>Androsace delavayi</i>	Primulaceae	CHN	BaimaShan, Yunnan	4400	limestone scree, grassland		2019	F
58	<i>Androsace graminifolia</i>	Primulaceae	CHN	Lhasa East, Tibet	3700	Kobresia grassland	dwarf caespitose pl., 3	2016	E
59	<i>Androsace pavlovskyi*</i>	Primulaceae	TAJ	Kyzylart, TransAlai	4300	fine slate scree	dense rounded cushion	2015	E
60	<i>Androsace rigida</i>	Primulaceae	CHN	Zhongdian, NapaHai, Yun	3500	under rhododendrons	5-10 cm, pink fls	2019	E
61	<i>Androsace spinulifera</i>	Primulaceae	CHN	YaDing, Sechuan	4000	limestone scree	compact winter rosetta	2014	C
62	<i>Androsace yargongensis</i>	Primulaceae	CHN	BaimaShan, Yunnan	4500	limestone scree, grassland		2019	E
63	<i>Anemone demissa</i>	Ranunculaceae	CHN	BaimaShan, Yunnan	4300	limestone scree, grassland	5-15 cm, creamy fls	2019	D
64	<i>Anemone multifida</i>	Ranunculaceae	CHL	Lanin	109	volcanic ash, lava	10-15 cm, white fls.	2019	C
65	<i>Anemone multifida</i>	Ranunculaceae	CHL	Llaima	100	volcanic ash, lava		2019	C
66	<i>Anemone protracta</i>	Ranunculaceae	KYR	Chatkal AT	1860	alpine grassland	Perennial pl like A. n	2018	C
67	<i>Anemone rupicola</i>	Ranunculaceae	CHN	DaXueShan, Yunnan	3800	subalpine shrubland	5-20 cm, 3-5 cm wide	2019	C
68	<i>Antennaria aromatica</i>	Asteraceae	USA	ex WY		alpine grassland		2018	D
69	<i>Antennaria chilensis</i>	Asteraceae	CHL	La Parva	345	volcanic ash, lava	10 cm	2019	C
70	<i>Arenaria hookeri</i>	Caryophyllaceae	USA	ex WY		crevices		2018	E
71	<i>Arenaria pseudacantholimon</i>	Caryophyllaceae	ex TUR	ex Ala D.			prostrate spiny cushion	2019	B
72	<i>Argylia adscendens</i>	Bignoniaceae	CHL	Lagunillas	230	volcanic ash, lava	caespitose-prostrate	2019	E
73	<i>Arisaema thunbergii ssp. urashima</i>	Araceae	ex JAP				tuberose pl, 40 cm high	2017	D

74	<i>Artemisia echinoides</i>	Boraginaceae	ex RUS	Caucasus				2019	D
75	<i>Artemisia lyallii</i>	Asteraceae	USA	ex WY		alpine grassland	15 cm	2018	D
76	<i>Artemisia frigida</i>	Asteraceae	USA	ex WY		mountain steppe	10 cm	2018	C
77	<i>Arum korolkovii</i>	Araceae	KYR	Chatkal AT	1260	rocky steppe and shrubland	tuberosa pl, 20-40 cm	2018	B
78	<i>Asphodeline taurica</i>	Liliaceae	ex TUR	Bolkar Dag	2100	limestone scree	xeric monocarpic pl.	2018	A
79	<i>Aster canescens</i>	Asteraceae	USA	ex WY		scree	prostrate, 10 cm, purpl	2018	C
80	<i>Aster foliaceus</i>	Asteraceae	USA	ex WY		alpine grassland		2018	C
81	<i>Aster yunnanensis</i>	Asteraceae	CHN	BaimaShan, Yunnan	4500	limestone scree, grassland		2019	D
82	<i>Astragalus acaulis</i>	Fabaceae	CHN	DaXueShan, Yunnan	4500	alpine grassland	caespitose, 5-10 cm,	2019	D
83	<i>Astragalus acaulis</i>	Fabaceae	CHN	BaimaShan, Yunnan	4300	limestone scree, grassland		2019	D
84	<i>Astragalus cruckhanksii</i>	Fabaceae	CHL	Lagunillas	238	volcanic ash, lava	15 cm, blue fls	2019	D
85	<i>Astragalus cruckhanksii</i>	Fabaceae	CHL	V Nevado	310	volcanic ash, lava		2019	D
86	<i>Astragalus vesiculosus</i>	Fabaceae	CHL	V Nevado	310	volcanic ash, lava		2019	D
87	<i>Aubrieta canescens</i>	Brassicaceae	ex TUR	ex Sultan Dag			prostrate cushions, 5-	2018	A
88	<i>Azorella madreporica</i>	Apiaceae	CHL	V Nevado	310	volcanic ash, lava	very dense cushions-	2019	E
89	<i>Azorella trifurcata</i>	Apiaceae	CHL	Lag. Laja	145	volcanic ash, lava	flat mats 20-200 cm,	2019	D
90	<i>Baccharis magellanica</i>	Asteraceae	CHL	Chillan	200	volcanic ash, lava	prostrate flat subshrub	2019	D
91	<i>Baccharis poeppigiana</i>	Asteraceae	CHL	Lag. Laja	145	volcanic ash, lava	prostrate subshrub	2019	D
92	<i>Baccharis sagittalis</i>	Asteraceae	CHL	Lag. Teno	246	volcanic ash, lava	small subshrub 20-40	2019	C
93	<i>Baimashania pulvinata</i>	Brassicaceae	CHN	BaimaShan, Yunnan	4500	limestone scree, grassland		2019	F
94	<i>Baumeudia major</i>	Ranunculaceae	CHL	La Parva	360	volcanic ash, lava		2019	F
95	<i>Beesia calthifolia</i>	Saxifragaceae	ex CHN				caespitose pl, 15-25	2019	C
96	<i>Berberis empetrifolia</i>	Berberidaceae	CHL	Shangrila	157	volcanic ash, lava	spiny subshrub, 15-4	2019	C
97	<i>Berlandiera lyrata</i>	Asteraceae	USA	ex CO		Great Plains	sw Colorado	2018	C
98	<i>Besseyia wyomingensis</i>	Scrophulariaceae	USA	ex WY		alpine grassland		2018	E
99	<i>Betonica grandiflora</i>	Lamiaceae	ex RUS	W Caucasus	1900	limestone scree	caespitose meadow p	2018	B
100	<i>Calophora coronata</i>	Loasaceae	CHL	Lag. Teno	250	volcanic ash, lava	caespitose pl, 10 cm	2019	D
101	<i>Calandrinia affinis</i>	Calandrinaceae	ARG	P. Pehuenche	256	volcanic ash, along streams	caespitose 5 cm, w/	2019	D
102	<i>Calandrinia affinis</i>	Calandrinaceae	CHL	V Nevado	310	volcanic ash, along streams		2019	D
103	<i>Calceolaria arachnoidea</i>	Calandrinaceae	CHL	Lag. Teno	250	volcanic ash, lava	20-30 cm, silver hairy	2019	D
104	<i>Calceolaria arachnoidea</i>	Calandrinaceae	CHL	Teno-Vergara	242	volcanic ash, lava		2019	D
105	<i>Calceolaria arachnoidea</i>	Calandrinaceae	CHL	V Nevado	310	volcanic ash, lava		2019	D
106	<i>Calceolaria cavanillesii</i>	Calandrinaceae	CHL	Lag. Maule	207	cold crevices, along streams	20-30 cm, bouquet-like	2019	C
107	<i>Calceolaria cavanillesii</i>	Calandrinaceae	ARG	P. Pehuenche	210	cold crevices, along streams		2019	C
108	<i>Calceolaria corymbosa</i>	Calandrinaceae	CHL	Chillan	176	volcanic rock crevices	10 cm saxatile pl. lar	2019	D
109	<i>Calceolaria filicaulis ssp. filicaulis</i>	Calandrinaceae	CHL	V Nevado	270	along streams	caespitose pl, 10-15	2019	D
110	<i>Calceolaria filicaulis ssp. filicaulis</i>	Calandrinaceae	ARG	P. Pehuenche	280	along streams		2019	D
110	<i>Calceolaria filicaulis ssp. filicaulis</i>	Calandrinaceae	ARG	P. Pehuenche	280	along streams		2019	D
111	<i>Calceolaria filicaulis ssp. luxurians</i>	Scrophulariaceae	ARG	Aconcagua, Mendoza	3400	along stream		2014	C
112	<i>Calceolaria filicaulis ssp. luxurians</i>	Calandrinaceae	ARG	P. Pehuenche	228	along streams	caespitose pl, 10-15	2019	D
113	<i>Calceolaria valdiviana</i>	Calandrinaceae	CHL	Lag. Teno	247	volcanic rock crevices	caespitose pl, 10-15	2019	D
114	<i>Callianthemum alatavicum</i>	Ranunculaceae	KYR	Talas Ala Tau	3100	limestone scree	caespitose pl 5-10 cm	2018	E
115	<i>Callianthemum alatavicum</i>	Ranunculaceae	KYR	Central Kyrgyz AT	3100	alpine clay scree		2018	E
116	<i>Callianthemum alatavicum</i>	Ranunculaceae	KYR	Moldo Tau	3300	alpine scree		2018	E
117	<i>Callianthemum alatavicum</i>	Ranunculaceae	KAZ	Trans-Ily Ala Tau	3400	alpine scree		2019	E
118	<i>Calochortus gunnisonii</i>	Liliaceae	USA	ex WY		mountain steppe	20-30 cm	2018	D
119	<i>Caltha leptosepala</i>	Ranunculaceae	USA	ex WY		snow fields	5-12 cm, white fls, for	2018	D
120	<i>Caltha sagittata</i>	Calandrinaceae	CHL	Lag. Teno	247	alpine bogs	5-10 cm, white-green	2019	D
121	<i>Campanula anomala</i>	Campanulaceae	ex Caucas					2019	D
122	<i>Campanula aucheri</i>	Campanulaceae	ex TUR					2019	D
123	<i>Campanula choruhensis</i>	Campanulaceae	ex TUR	Tortum			caespitose pl, 5-12 cr	2019	D
124	<i>Campanula lehmanniana</i>	Campanulaceae	TAJ	Mogian, Hissar	2400	limestone crevices	small caespitose pl,	2017	D
125	<i>Campanula topaliana</i>	Campanulaceae	GRC	Mistra		limestone walls	prostrate plant attach	2019	D
126	<i>Campanula trogerae</i>	Campanulaceae	ex TUR			limestone crevices, overhangs	hanging caespitose pl	2018	D
127	<i>Campanula trogerae x choruhensis*</i>	Campanulaceae	ex cult.				intermediate plant	2019	D
128	<i>Campanula waldsteiniana</i>	Campanulaceae	ex CRO	Velebit			prostrate cushion, lea	2019	D
129	<i>Carex sp.</i>	Cyperaceae	CHL	V Nevado	320	volcanic ash, lava	only 3 cm tall tiny pla	2019	D
130	<i>Cassiope pectinata</i>	Ericaceae	CHN	BaimaShan, Yunnan	4300	limestone scree, grassland	10 cm, stems 5 mm v	2019	E
131	<i>Cassiope selaginoides</i>	Ericaceae	CHN	Rawu, Tibet	4300		caespitose pl, 5-12 cr	2016	D
132	<i>Castilleja cusickii</i>	Scrophulariaceae	USA	ex WY		alpine steppe	5 cm. pink fls	2018	C
133	<i>Centranthus longifolius</i>	Valerianaceae	GRC	Mistra		limestone rocks	50 cm bouquet like pl	2019	C
134	<i>Ceratostigma minus</i>	Plumbaginaceae	CHN	Lhasa, Tibet	3700	dry rocky slope	large cushions, 15-30	2016	C
135	<i>Chesneya nikitinae*</i>	Fabaceae	TAJ	Anzob, Hissar	2800	open soil or scree	caespitose - cushion	2017	E
136	<i>Chilotrichum diffusum</i>	Asteraceae	CHL	Chillan	190	volcanic ash, lava	small shrub 3-50 cm,	2019	D
137	<i>Chimaphila umbellata</i>	Ericaceae	USA	ex CN		open forest	prostrate herb 5-10 cr	2018	C
138	<i>Chorispora bungeana</i>	Brassicaceae	KYR	Moldo Tau	3300	limestone scree	Caespitose pl 2-5 cm	2018	E
139	<i>Chorispora bungeana</i>	Brassicaceae	KAZ	Trans-Ily Ala Tau	3400	alpine scree		2019	E
140	<i>Chorispora macropoda</i>	Brassicaceae	KYR	Central Kyrgyz AT	3100	fine scree	Caespitose pl 2-8 cm	2018	D
141	<i>Chorispora macropoda</i>	Brassicaceae	TAJ	Anzob, Hissar	3300	alpine grassland	small caespitose pl,	2017	D
142	<i>Chrysothamnus nauseosus</i>	Asteraceae	USA	ex WY		mountain steppe	cushion forming herb,	2018	C
143	<i>Chrysothamnus parryi</i>	Asteraceae	USA	ex CO		mountain steppe	cushion forming herb,	2018	C
144	<i>Chrysothamnus sp.</i>	Asteraceae	USA	ex WY		mountain steppe	cushion forming herb,	2018	C
145	<i>Chrysothamnus viscidiflorus</i>	Asteraceae	USA	ex WY		mountain steppe		2018	C
146	<i>Cimicifuga yunnanensis</i>	Ranunculaceae	CHN	Zhongdian, NapaHai, Yun	3400	mountain grassland	perennial pl, 150 cm	2019	B

147	<i>Cistanthe frigida</i>	Montiaceae	CHL	V Nevado	3200	volcanic ash, lava	prostrate cushion, 5 cm	2019	E
148	<i>Clematis columbiana</i>	Ranunculaceae	USA	ex WY		open forest margin		2018	E
149	<i>Clematis fruticosa</i> MNG	Ranunculaceae	USA	ex CO, Denver		steppe	Inner Mongolia	2018	C
150	<i>Clematis tianshanica/sibirica</i>	Ranunculaceae	KAZ	Trans-Ily Ala Tau	2600	subalpine bshland	creamy fls	2019	C
151	<i>Clementsia semenovii (Rhodiola)</i>	Crassulaceae	KYR	Kyrgyz Ala Tau	2500	river bank	caespitose pl, 30-50 cm	2015	B
152	<i>Codonopsis clematidea</i>	Campanulaceae	TAJ	Mogian, Hissar	2200	alpine scree	tuberosc pl, 30-50 cm	2017	B
153	<i>Codonopsis convolvulacea v. grey-wi</i>	Campanulaceae	CHN	Lulang, Tibet	3300	mountain shrubland	tuberosc pl, 50 cm hi	2016	C
154	<i>Codonopsis convolvulacea v. vincifl</i>	Campanulaceae	CHN	Gymda, Tibet	3200	mountain shrubland	tuberosc pl, 50-80 cm	2016	C
155	<i>Colchicum luteum</i>	Liliaceae	TAJ	Anzob, Hissar	2900	alpine meadow and snow field	bulb pl, 7-13 cm high	2017	E
156	<i>Coluteocarpus vesicaria</i>	Brassicaceae	ex TUR				5-10 cm, white fls, infl	2019	D
157	<i>Convolvulus demissus</i>	Convolvulaceae	CHL	Lagunillas	225	volcanic ash, lava	prostrate herb 5 m, pi	2019	D
158	<i>Convolvulus phrygius</i>	Convolvulaceae	ex TUR				cushion 10-40 cm wid	2019	E
159	<i>Convolvulus tragacanthoides</i>	Convolvulaceae	KYR	Moldo Tau	1890	mountain rocky steppe	dwarf spiny subshrub	2018	E
160	<i>Convolvulus tragacanthoides</i>	Convolvulaceae	KYR	Kungei AT	2000	mountain rocky steppe		2018	E
161	<i>Coraliodiscus kingii</i>	Gesneriaceae	CHN	Lhasa West, Tibet	4100	rock crevices	flat Ramonda-like ros	2016	D
162	<i>Cremanthodium calcicola</i>	Asteraceae	CHN	GalungLa, Tibet	3800	alpine scree and meadows	caespitose pl, 20-40 cm	2016	C
163	<i>Cremanthodium campanulatum</i>	Asteraceae	CHN	DaXueShan, Yunnan	4400	alpine grassland	caespitose pl, 10-15 cm	2019	D
164	<i>Cyclamen cilicium</i>	Primulaceae	ex TUR	Küpe D.			tuberosc pl, 5-10 cm	2018	C
165	<i>Cyclamen coum</i>	Primulaceae	ex TUR	Zigana			tuberosc pl, 5-12 cm	2019	C
166	<i>Cyclamen coum</i>	Primulaceae	ex ITA	Mt. Alben				2019	C
167	<i>Cyclamen coum</i>	Primulaceae	ex TUR	Yedigöller				2019	C
168	<i>Cyclamen coum album</i>	Primulaceae					white fls	2019	C
169	<i>Cyclamen hederifolium</i>	Primulaceae					white and pink	2019	C
170	<i>Cyclamen hederifolium White leaf</i>	Primulaceae					pink fls, very large wh	2019	C
171	<i>Cyclamen kuznetzovii*</i>	Primulaceae	ex RUS				tuberosc pl, 10 cm hi	2019	E
172	<i>Cyclamen pseudoibenicum</i>	Primulaceae	ex TUR	Damanli Dag			15 cm, rose fls	2019	E
173	<i>Cyclamen purpurascens</i>	Primulaceae	ex SLO	Julian Alps			tuberosc pl, 8-15 cm	2019	C
174	<i>Cyclamen repandum</i>	Primulaceae	ex CRO	Velebit		limestone scree	tuberosc pl, 8-13 cm	2019	D
175	<i>Cyclamen trochopteranthum</i>	Primulaceae	ex TUR	Yarpuz			5-12 cm, pink, rose	2019	D
176	<i>Daphne dominii</i>	Thymelaeaceae	ex BUL	Pirin			small shrub, 15 cm hi	2017	D
177	<i>Daphne limprichtii</i>	Thymelaeaceae	ex CHN	Sechuan			small shrub, 50 cm hi	2019	D
178	<i>Daphne oleoides</i>	Thymelaeaceae	ex BUL	Pirin			small shrub, 15-20 cm	2018	D
179	<i>Daphne oleoides Palermo</i>	Thymelaeaceae						2019	D
180	<i>Daphne oleoides x malyana</i>	Thymelaeaceae	ex BIH	Piva valley			small shrub, characte	2019	D
181	<i>Diplarche multiflora</i>	Ericaceae	CHN	GalungLa, Tibet	3700	cold mossy rocky slope	caespitose pl, 10-15 cm	2016	C
182	<i>Discaria nana</i>	Rhamnaceae	ARG	P. Pehuenche	253	volcanic ash, lava rocks	prostrate shrub 3cm	2019	D
183	<i>Dodecatheum pulchellum</i>	Primulaceae	USA	ex WY		snow field	5 cm, rose fls	2018	D

184	<i>Douglasia montana</i>	Ericaceae	ex USA	ex MN			prostrate, rose fls	2018	D
185	<i>Draba bruniifolia</i>	Brassicaceae	ex TUR				flat dense cushions,	2019	C
186	<i>Dracocephalum poulsonii</i>	Lamiaceae	KYR	Moldo Tau	2800	limestone rocks	miniature pl for tufa, p	2018	E
187	<i>Dracocephalum poulsonii</i>	Lamiaceae	TAJ	Bulun Kul, Pamir	4400	alpine scree		2015	E
188	<i>Dracocephalum stamineum</i>	Lamiaceae	KYR	Chonashu, Terski AT	3300	slate scree	prostrate pl, 5-12 cm	2013	C
189	<i>Dracocephalum stamineum</i>	Lamiaceae	KAZ	Trans-Ily Ala Tau	3400	alpine scree		2019	D
190	<i>Dryadanthé purpurea</i>	Rosaceae	CHN	BaimaShan, Yunnan	4300	cold N grassland	compact cushions, d	2019	D
191	<i>Dryadanthé tetrandra</i>	Rosaceae	KAZ	Trans-Ily Ala Tau	3300	alpine grassland, scree	compact cushions, ye	2019	D
192	<i>Echinacea angustifolia</i>	Asteraceae	USA	ex WY		prerie		2018	C
193	<i>Edraianthus horvathii</i>	Campanulaceae	ex SLO				low caespitose pl, 5-8	2019	C
194	<i>Edraianthus tenuifolius</i>	Campanulaceae	ex Mt Neg	Sutjeska		limestone crevices	cushions, 5-10 cm wi	2019	B
195	<i>Edraianthus zogovicii</i>	Campanulaceae	ex Mt Neg				caespitose pl, 10-15	2018	D
196	<i>Empetrum rubrum</i>	Ericaceae	CHL	Lag. Teno	250	volcanic ash, lava	red fruits	2019	D
197	<i>Ephedra chilensis</i>	Ephedraceae	CHL	Lag. Laja	140	volcanic ash, lava	30 cm white fruits	2019	D
198	<i>Ephedra fedtschenkiana</i>	Ephedraceae	KYR	ex Talas Ala Tau	1700	mountain steppe	caespitose pl in dry c	2019	C
199	<i>Eremurus altaicus</i>	Liliaceae	KYR	Talas Ala Tau	1580	mountain steppe	rhizomatic pl 150 cm	2018	B
200	<i>Eremurus altaicus</i>	Liliaceae	KAZ	Trans-Ily Ala Tau		subalpine scree		2019	B
201	<i>Eremurus cristatus</i>	Liliaceae	KYR	Fergana Ridge	3000	alpine scree	Rhizomatic pl 50-100	2018	D
202	<i>Eremurus lactiflorus</i>	Liliaceae	KYR	Chatkal AT	2000	mountain scree	Rhizomatic pl 30-60	2018	D
203	<i>Eremurus olgae</i>	Liliaceae	TAJ	Khomburabad, Darvas	2500		rhizomatic pl, 1 m hig	2017	D
204	<i>Eremurus stenophyllus</i>	Liliaceae	TAJ	Peter I.	2300		rhizomatic pl, 100-12	2017	D
205	<i>Eremurus tianschanicus</i>	Liliaceae	KYR	Chatkal AT	2000	mountain steppe	rhizomatic pl 100-120	2018	C
206	<i>Ericameria suffruticosa</i>	Asteraceae	USA	ex WY		alpine steppe		2018	C
207	<i>Erigeron aurantiacus</i>	Asteraceae	KAZ	Trans-Ily Ala Tau	3300	alpine grassland	5-20 cm, prominent o	2019	D
208	<i>Erigeron cabulicus</i>	Asteraceae	KYR	Chatkal AT	2800	alpine grassland	caespitose pl, 5-15 cr	2018	D
209	<i>Erigeron foremosissimus</i>	Asteraceae	USA	ex WY		mountain steppe	5-15 cm, white fls	2018	C
210	<i>Erigeron heterochaeta</i>	Asteraceae	KYR	E Kyrgyz AT	3300	alpine grassland	Caespitose pl 10 cm	2018	D
211	<i>Erigeron heterochaeta</i>	Asteraceae	KAZ	Trans-Ily Ala Tau	3300	alpine grassland		2019	D
212	<i>Eriogonum allenii</i>	Polygonaceae	USA	ex CO, Denver				2018	C
213	<i>Eriogonum jamesii arculatum</i>	Polygonaceae	USA	ex CO		alpine grassland	prostrate cushions	2018	E
214	<i>Eriogonum jamesii v. jamesii</i>	Polygonaceae	USA	ex CO, Denver				2018	D
215	<i>Eriogonum umbellatum Shasta yello</i>	Polygonaceae	USA	ex CO, Denver			more hairy cushions,	2018	D
216	<i>Eriogonum umbellatum subalpinum</i>	Polygonaceae	USA	ex WY		alpine grassland	prostrate cushions	2018	D
217	<i>Eriogonum umbellatum v. aureum</i>	Polygonaceae	USA	ex CO, Denver				2018	D
218	<i>Eriophyllum lanatum</i>	Asteraceae	USA	ex WY		fine alpine scree	silver pl 10-20 cm, ye	2018	D
219	<i>Eriophyllum wallichii</i>	Lamiaceae	CHN	BaimaShan, Yunnan	4500	alpine scree	densely hairy pl, 5-15	2019	E
220	<i>Entrichium cf. rupestre</i>	Boraginaceae	ex CHN				caespitose pl, 5-12 cr	2018	D
221	<i>Entrichium tianshanicum</i>	Boraginaceae	KYR	Fergana Ridge	3050	alpine grassland	flat hairy cushion, 5-1	2018	E
222	<i>Entrichium tianshanicum</i>	Boraginaceae	KYR	Moldo Tau	3300	alpine grassland		2018	E
223	<i>Entrichium tianshanicum</i>	Boraginaceae	KYR	Trans Alai, Lenin Pk	3800	alpine grassland		2015	E
224	<i>Entrichium tianshanicum</i>	Boraginaceae	KAZ	Trans-Ily Ala Tau	3400	alpine grassland		2019	E
225	<i>Erysimum humilimum</i>	Brassicaceae	TAJ	Mamazair, Pamir	4100	dry alpine steppe	small caespitose pl, 5	2015	C
226	<i>Euphrasia chrysantha</i>	Orobanchaceae	CHL	Lag. Teno	247	volcanic ash, lava	very large yellow fls	2019	D
227	<i>Evonymus sp</i>	Celastraceae	CHN	Zhongdian, NapaHai, Yun	3650	Open forest	shrub 1-2 m, promine	2019	C
228	<i>Famatina maulensis</i>	Amaryllidaceae	CHL	Lag. Teno	250	volcanic ash, lava	20 cm, red fls in rich	2019	D
229	<i>Frasera speciosa</i>	Gentianaceae	USA	ex WY		alpine grassland	70-100 cm "gentian",	2018	C
230	<i>Galanthus nivalis</i>	Amaryllidaceae	Czech	Elbe River			from selected plants i	2018	C
231	<i>Galanthus plicatus v. plicatus</i>	Amaryllidaceae	ex TUR	Abant	1500	open forest	bulb pl, 15 cm high, b	2018	C
232	<i>Galanthus plicatus v. plicatus</i>	Amaryllidaceae	ex TUR	Mudurnu				2018	C
233	<i>Galanthus plicatus v. plicatus</i>	Amaryllidaceae	ex TUR	Yedigöller				2018	C
234	<i>Gamochoeta nivalis</i>	Asteraceae	ARG	P. Pehuenche	260	volcanic ash, lava	silver lax cushion	2019	D
235	<i>Gaultheria dolichopoda</i>	Ericaceae	CHN	GalungLa, Tibet	3800	cold open slope	prostrate pl, 2 cm hig	2016	D
236	<i>Gaultheria phyllireifolia</i>	Ericaceae	CHL	Shangnila	145	volcanic ash, lava	caespitose pl 15-20 c	2019	D
237	<i>Gaultheria pumila</i>	Ericaceae	CHL	Lag. Teno	250	volcanic ash, lava	3-5 cm prostrate, whit	2019	D
238	<i>Genista aff. depressa</i>	Fabaceae	ex CRO	Velebit			prostrate shrub, 5-10	2019	D
239	<i>Genista cf. germanica</i>	Fabaceae	ex GRC	Kopaonik			more compact than G	2019	C
240	<i>Genista homida</i>	Fabaceae	ex ESP				large cushion, 50-100	2019	C
241	<i>Gentiana affinis</i>	Gentianaceae	USA	ex WY		alpine grassland	10-20 cm, blue fls in	2018	D
242	<i>Gentiana algida</i>	Gentianaceae	USA	ex WY		snow fields	white fls	2018	D
243	<i>Gentiana arethusa</i>	Gentianaceae	CHN	DaXueShan, Yunnan	4300	alpine grassland	tiny 5-10 cm, aristate	2019	E
244	<i>Gentiana asclepiadea</i>	Gentianaceae	ex CZE	ex Krkonose			40-60 cm, dark blue	2019	C
245	<i>Gentiana atuntsiensis</i>	Gentianaceae	CHN	DaXueShan, Yunnan	4300	alpine grassland	caespitose pl, 20-30	2019	D
246	<i>Gentiana atuntsiensis</i>	Gentianaceae	CHN	BaimaShan, Yunnan	4400	limestone scree, grassland		2019	D
247	<i>Gentiana barbata</i>	Gentianaceae	CHN	Zhongdian, NapaHai, Yun	3500	mountain grassland	20-40 cm biennial, lar	2019	B
248	<i>Gentiana harrowiana</i>	Gentianaceae	CHN	CangShan, Yunnan	4400	alpine grassland	G. chinensis group	2019	E
249	<i>Gentiana hexaphylla</i>	Gentianaceae	CHN	DaXueShan, Yunnan	4400	alpine grassland	10 cm, not aristate l	2019	E
250	<i>Gentiana kaufmanniana</i>	Gentianaceae	KAZ	Trans-Ily Ala Tau	3300	alpine grassland	5-10 cm, large blue fl	2019	E
251	<i>Gentiana nanobella</i>	Gentianaceae	CHN	BaimaShan, Yunnan	4500	limestone scree, grassland	biennial, dark sky blu	2019	D
252	<i>Gentiana occidentalis</i>	Gentianaceae	ex ESP	Picos			smaller than G. acaul	2019	C
253	<i>Gentiana olivieri</i>	Gentianaceae	KYR	Talas Ala Tau	1600	mountain steppe	caespitose xeric Gent	2018	D
254	<i>Gentiana paradoxa</i>	Gentianaceae	ex cult.	Caucasus			a good form, 15 cm h	2018	C
255	<i>Gentiana straminea</i>	Gentianaceae	CHN	Rutok, Tibet	4100	mountain grassland	caespitose pl, 15-20	2016	B
256	<i>Geum triflorum</i>	Rosaceae	USA	ex WY		mountain grassland	15-20 cm	2018	C
257	<i>Gillia rubra</i>	Rubiaceae	USA	ex TX		prairie	ex Texas	2018	B

258	<i>Gunnera magellanica</i>	Gunneraceae	CHL	Chillan	176	volcanic ash, lava	5-15 cm, red frts	2019	D
259	<i>Gypsophila tenuifolia</i>	Caryophyllaceae	ex RUS	W. Caucasus	2100	limestone crevices	compact green cushion	2019	B
260	<i>Haplopappus cf. glutinosus</i>	Asteraceae	CHL	Lag. Teno	247	volcanic ash, lava	prostrate cushions	2019	D
261	<i>Haplopappus glutinosus</i>	Asteraceae	CHL	Lag. Laja	140	volcanic ash, lava		2019	D
262	<i>Haplopappus glutinosus</i>	Asteraceae	CHL	Lagunillas	237	volcanic ash, lava		2019	D
263	<i>Haplopappus marginalis</i>	Asteraceae	CHL	Lag. Maule	230	volcanic ash, lava		2019	D
264	<i>Haplopappus paucidentatus</i>	Asteraceae	CHL	Lagunillas	240	volcanic ash, lava		2019	E
265	<i>Hegemone lilacina/Trollius</i>	Ranunculaceae	KAZ	Trans-Ily Ala Tau	3300	alpine wet grassland	white bluish, purplish	2019	E
266	<i>Helianthemum canum</i>	Cistaceae	ex TUR	Sipikor			prostrate cushion, grey	2019	B
267	<i>Heuchera pulchella</i>	Saxifragaceae	USA	ex CO, Denver				2018	D
268	<i>Hymenoxys acaulis</i>	Asteraceae	USA	ex WY		mountain steppe	silver rosettes	2018	D
269	<i>Hymenoxys grandiflora</i>	Asteraceae	USA	ex WY		alpine grassland	10-20 cm, 7 cm capit	2018	D
270	<i>Hypochoeris tenuifolia</i>	Asteraceae	CHL	La Parva	289	volcanic ash, lava	10-20 cm, large yellow	2019	D
271	<i>Hypochoeris tenuifolia</i>	Asteraceae	CHL	Lag. Maule	220	volcanic ash, lava		2019	D
272	<i>Inula verbascifolia</i>	Asteraceae	USA	ex CO		crevices	ex Mt Olympus, Greece	2018	C
273	<i>Inis albertii</i>	Iridaceae	KYR	Talas Ala Tau	1600	dry mountain steppe	Rhizomatic pl 20-40 c	2018	C
274	<i>Inis bicapitata</i>	Iridaceae	ex ITA	Gargano			rhizomatic pl, 20-30 c	2019	B
275	<i>Inis bulleyana</i>	Iridaceae	CHN	Lulang, Tibet	3200	mountain grassland	rhizomatic pl, 20-30 c	2016	C
276	<i>Inis bulleyana</i>	Iridaceae	CHN	Zhongdian, Napa-Hai, Yun	3700	mountain grassland		2019	D
277	<i>Inis chrysographes</i>	Iridaceae	CHN	Tian Bao Shan	3400	mountain grassland	rhizomatic pl, 40 cm l	2016	B
278	<i>Inis chrysographes</i>	Iridaceae	CHN	DaXueShan, Yunnan	4000	alpine grassland		2019	D
279	<i>Inis halophila</i>	Iridaceae		ex Kazakh			rhizomatic pl 30 cm h	2019	C
280	<i>Inis illyrica</i>	Iridaceae	ex CRO	Velebit			rhizomatic pl, 30 cm l	2019	C
281	<i>Inis imbricata</i>	Iridaceae	ex AZE	Chaikent			rhizomatic pl, 40 cm l	2019	C
282	<i>Inis junonia</i>	Iridaceae	ex TUR	ex Kupe Dag			rhizomatic pl, 30 cm l	2019	C
283	<i>Inis korolkowii</i>	Iridaceae	TAJ	Mogian, Hissar	2400		sect. Regelia, rhizom.	2017	D
284	<i>Inis missouriensis</i>	Iridaceae	USA	ex WY		mountain steppe	20-40 cm	2018	D
285	<i>Inis pallida</i>	Iridaceae	ex ITA				blue fls	2019	C
286	<i>Inis pumila</i>	Iridaceae	ex TUR				rhizomatic pl 10-15 c	2019	C
287	<i>Inis purpureobracteata</i>	Iridaceae	ex TUR	Honaz Dag			rhizomatic pl, 20 cm l	2019	C
288	<i>Inis ruthenica</i>	Iridaceae	KYR	Chatkal AT	1900	subalpine shrubland	Shortly rhizomatic pl,	2018	D
289	<i>Inis schachtii</i>	Iridaceae	ex TUR				dirty yellow fls	2019	C
290	<i>Inis sibirica alba</i>	Iridaceae	ex cult.				rhizomatic pl, 30 cm l	2019	B
291	<i>Inis sintenisii</i>	Iridaceae	ex TUR	Abant			small rhizomatic pl, 2	2019	C
292	<i>Inis sogdiana</i>	Iridaceae	ex KAZ	Ketmen	2600	alpine grassland	rhizomatic pl, 30-50 c	2019	A
293	<i>Inis variegata</i>	Iridaceae	ex Moravia				rhizomatic pl, 40 cm l	2017	B
294	<i>Inis vicaria</i>	Iridaceae	ex TAJ	Romit	1600		Juno, white fls	2019	D
295	<i>Lagochilus platyacanthus</i>	Lamiaceae	KYR	Kungei AT	1950	rocky dry steppe	Xeric prostrate subsh	2018	E
296	<i>Lamiophlomis rotata</i>	Lamiaceae	CHN	BaimaShan, Yunnan	4400	limestone scree, grassland	prostrate rosettes, se	2019	E
297	<i>Lamium garganicum</i>	Lamiaceae	ex TUR				caespitose pl 10 cm,	2019	C
298	<i>Laretia acaulis</i>	Apiaceae	CHL	V Nevado	310	volcanic ash, lava	compact cushions	2019	D
299	<i>Lathyrus subandinus</i>	Fabaceae	CHL	Shangrila	143	Nothofagus shrubland	20-50 cm, rose fls	2019	D
300	<i>Leontopodium calocephalum</i>	Asteraceae	CHN	BaimaShan, Yunnan	4300	limestone scree, grassland	20-30 cm, star-like lar	2019	D
301	<i>Leontopodium forrestianum</i>	Asteraceae	CHN	GalungLa, Tibet	3800	alpine scree	caespitose slender pl	2016	C
302	<i>Leontopodium ochroleucum /narium</i>	Asteraceae	KAZ	Trans-Ily Ala Tau	3300	alpine grassland	high alpine form of L.	2019	D
303	<i>Lilium lophophorum</i>	Liliaceae	CHN	DaXueShan, Yunnan	4500	alpine grassland	yellow fls	2019	E
304	<i>Lilium martagon v. album</i>	Liliaceae	ex cult.				white form L. martago	2018	D
305	<i>Lilium saccatum</i>	Liliaceae	CHN	GalungLa, Tibet	3800	Rhododendron shrubland	bulb pl, 15-40 cm high	2016	E
306	<i>Loasa filicifolia</i>	Loasaceae	CHL	Chillan	185	volcanic ash, lava	10-30 cm, white fls	2019	D
307	<i>Loasa filicifolia</i>	Loasaceae	CHL	Lag. Teno	247	volcanic ash, lava		2019	D
308	<i>Loasa lateritia</i>	Loasaceae	CHL	V Nevado	310	volcanic ash, lava		2019	D
309	<i>Loasa sigmoidea</i>	Loasaceae	CHL	V Nevado	310	volcanic ash, lava	10-20 cm, brick red fls	2019	D
310	<i>Lupinus microcarpus</i>	Fabaceae	CHL	Lagunillas	230	volcanic ash, lava	20 cm	2019	D
311	<i>Machaeranthera colradensis/Aster</i>	Asteraceae	ex USA				caespitose pl, 10-15 c	2019	B
312	<i>Macrotomia euchroma*</i>	Boraginaceae	TAJ	Khomburabad, Darvas	3300	mountain steppe	caespitose pl, 20 cm	2017	E
313	<i>Maihuenia poeppigii</i>	Cactaceae	CHL	Lag. Laja	140	volcanic ash, lava	prostrate spiny cushion	2019	D
314	<i>Maihuenia poeppigii</i>	Cactaceae	CHL	Shangrila	152	volcanic ash, lava		2019	D
315	<i>Meconopsis horridula</i>	Papaveraceae	CHN	BaimaShan, Yunnan	4500	limestone scree, grassland	5-15 cm, blue or rose	2019	D
316	<i>Meconopsis integrifolia</i>	Papaveraceae	CHN	DaXueShan, Yunnan	4400	alpine grassland	30-40 cm, yellow fls	2019	D
317	<i>Meconopsis prainiana v. prainiana</i>	Papaveraceae	CHN	SerkymLa, Tibet	4400	rocky alpine slope	caespitose pl, 20-30 c	2016	D
318	<i>Meconopsis speciosa</i>	Papaveraceae	CHN	GalungLa, Tibet	3900	rocky alpine slope	caespitose pl, 15-30 c	2016	D
319	<i>Megacodon stylophorum</i>	Gentianaceae	CHN	TianBaoShan, Yunnan	3500	slate scree	giant gentiana, 100-15	2014	C
320	<i>Melospasma andicola</i>	Plantaginaceae	CHL	Lagunillas	246	volcanic ash, lava	15 cm	2019	D
321	<i>Mertensia paniculata</i>	Boraginaceae	USA	ex WY		wet scree	30-40 cm decorative	2018	C
322	<i>Mertensia sp.</i>	Boraginaceae	USA	ex WY		fine scree	15 cm	2018	C
323	<i>Mimulus luteus</i>	Phrymaceae	CHL	Chillan	180	along streams	10-30 cm, yellow to re	2019	D
324	<i>Minuartia pamassica</i>	Caryophyllaceae	ex GRC				large compact cushion	2018	A
325	<i>Minuartia stellata</i>	Caryophyllaceae	ex GRC				large cushions, 30-70	2018	A
326	<i>Mitchella repens</i>	Rubiaceae	USA	ex NY		open forest	prostrate mat, red fruit	2018	C
327	<i>Moltkeia petraea</i>	Boraginaceae	ex BIH				15-20 cm subshrubs,	2019	D
328	<i>Monardella marantha Marian Samps</i>	Lamiaceae	USA	ex CO, Denver			20 cm, purple-blue fls	2018	C
329	<i>Montopsis andicola</i>	Montiaceae	CHL	V Nevado	310	volcanic ash, lava	10-15 cm, prominent	2019	D
330	<i>Montopsis gayana</i>	Montiaceae	CHL	Lag. Teno	246	volcanic ash, lava	5-10 cm, prominent d	2019	D
331	<i>Montopsis sericea</i>	Montiaceae	CHL	Lag. Laja	140	volcanic ash, lava	5-15 cm, hairy, promi	2019	D

331	<i>Montiopsis sericea</i>	Montiaceae	CHL	Lag. Laja	140	volcanic ash, lava	5-15 cm, hairy, promi	2019	D
332	<i>Montiopsis sericea</i>	Montiaceae	CHL	Lagunillas	235	volcanic ash, lava		2019	D
333	<i>Montiopsis umbellata</i>	Montiaceae	CHL	Lag. Teno	246	volcanic ash, lava	5-15 cm, prominent d	2019	D
334	<i>Montiopsis umbellata</i>	Montiaceae	CHL	Shangrila	152	volcanic ash, lava		2019	D
335	<i>Mulinum echinus</i>	Apiaceae	CHL	Lag. Laja	153	volcanic ash, lava	large cushions, 20-60	2019	C
336	<i>Muscari massayanum</i>	Liliaceae	ex TUR	Artvin			bulb pl, 10-30 cm high	2019	B
337	<i>Mutisia decurrens</i>	Asteraceae	CHL	Lag. Laja	150	shrubland	creeping vine, 8 cm o	2019	E
338	<i>Mutisia oligodon</i>	Asteraceae	CHL	Lag. Laja	140	volcanic ash, lava	low subshrub 20-50 c	2019	E
339	<i>Mutisia sinuata</i>	Asteraceae	CHL	Lagunillas	246	volcanic ash, lava		2019	E
340	<i>Mutisia spinosa</i>	Asteraceae	ex ARG				herbaceous vine, 1-2	2017	C
341	<i>Myrteola nummularia</i>	Myrtaceae	CHL	Shangrila	152	volcanic ash, lava		2019	E
342	<i>Nardostachys jatamansi</i>	Valerianaceae	CHN	BaimaShan, Yunnan	4400	limestone scree, grassland		2019	D
343	<i>Nassauvia glomerata</i>	Asteraceae	CHL	Lag. Teno	250	volcanic ash, lava	prostrate cushions 10	2019	D
344	<i>Nassauvia glomerata</i>	Asteraceae	ARG	P. Pehuenche	260	volcanic ash, lava		2019	D
345	<i>Nassauvia lagascae</i>	Asteraceae	ARG	P. Pehuenche	255	volcanic ash, lava	caespitose pl 5 cm	2019	E
346	<i>Nassauvia revoluta</i>	Asteraceae	ARG	P. Pehuenche	255	volcanic ash, lava	caespitose pl 10 cm	2019	E
347	<i>Nastanthus ventosus</i>	Calyceae	CHL	Lag. Teno	247	volcanic ash, lava	cauliflower-like sessile	2019	D
348	<i>Nepeta pamirensis</i>	Lamiaceae	TAJ	Mamasary, Pamir	4200	dry rocky slope	caespitose-prostrate	2015	C
349	<i>Nolina greenii</i>	Asparagaceae	USA	ex NM		Pinyon Pine	ne New Mexico	2018	C
350	<i>Nothofagus antarctica</i>	Nothofagaceae	CHL	Shangrila	150	timberline, volcanic ash, lava	southern shrubby beac	2019	D
351	<i>Oenothera caespitosa marginata</i>	Onagraceae	USA	ex UT		steppe	ex Utah	2018	C
352	<i>Oenothera incana</i>	Onagraceae	USA	ex KS		Great Plains	ex sw Kansas	2018	C
353	<i>Olgaea nidularis</i>	Lamiaceae	KYR	Fergana Ridge	1800	mountain rocky steppe	Xeric rounded subshu	2018	D
354	<i>Olsynium junceum ssp. colchagueni</i>	Iridaceae	ARG	P. Pehuenche	255	volcanic ash, lava	creamy fls	2019	D
355	<i>Olsynium junceum ssp. junceum</i>	Iridaceae	CHL	Lag. Teno	250	volcanic ash, lava	creamy fls	2019	D
356	<i>Olsynium obscurum/frigidum</i>	Iridaceae	CHL	Lag. Maule	255	volcanic ash, lava	tiny Sisyrinchium	2019	D
357	<i>Omphalogramma delavayi</i>	Primulaceae	CHN	CangShan, Yunnan	4200	alpine grassland	caespitose pl, 10-15	2019	E
358	<i>Omphalogramma tibeticum</i>	Primulaceae	CHN	GaungLa, Tibet	3800	alpine grassland and shrubland	caespitose pl, 10-15	2016	E
359	<i>Onosma nanum</i>	Boraginaceae	ex TUR				caespitose pl, 15-20	2016	A
360	<i>Oreopolis glacialis</i>	Rubiaceae	CHL	Lag. Laja	145	volcanic ash, lava	compact cushion, 10-	2019	F
361	<i>Oreopolis glacialis</i>	Rubiaceae	ARG	P. Pehuenche*	220	volcanic ash, lava		2019	F
362	<i>Oriastrum pusillum</i>	Asteraceae	CHL	La Parva	292	volcanic ash, lava	miniature daisy	2019	D
363	<i>Oriastrum pusillum</i>	Asteraceae	CHL	V Nevado	310	volcanic ash, lava		2019	D
364	<i>Origanum acutidens</i>	Lamiaceae	ex cult				caespitose fragrant pl	2018	D
365	<i>Orites myrtilloidea</i>	Proteaceae	CHL	Shangrila	154	volcanic ash, lava		2019	E
366	<i>Oxygraphis glacialis</i>	Ranunculaceae	KAZ	Trans-Ily Ala Tau	3300	alpine scree	prostrate pl 5 cm, yell	2019	E
367	<i>Oxytropis chionobia</i>	Fabaceae	KAZ	Trans-Ily Ala Tau	3500	alpine grassland	prostrate silver cushio	2019	E
368	<i>Oxytropis platonychchia</i>	Fabaceae	TAJ	Akbaital, Pamir	4100	fine alpine scree	prostrate mat, 2-4 cm	2015	D
369	<i>Oxytropis platonychchia</i>	Fabaceae	TAJ	Targakaty, Pamir	4300	fine alpine scree		2015	D
370	<i>Paeonia caucasica</i>	Paeniaceae					reddish fls	2019	D
371	<i>Paeonia mascula</i>	Paeniaceae	ex TUR	Kupe D.			rose fls	2019	D
372	<i>Paeonia rockii</i>	Paeniaceae	ex CHN				woody shrub, 60 cm f	2019	D
373	<i>Paeonia ruprechtiana**</i>	Paeniaceae	ex cult				caespitose pl, 40-50	2019	D
374	<i>Paeonia turcica</i>	Paeniaceae					rose fls	2019	D
375	<i>Pancreatum maritimum</i>	Liliaceae	GRC	Santorini		coastal cliffs	large white fls	2019	D
376	<i>Papaver croceum</i>	Papaveraceae	KYR	E Kyrgyz AT	3300	alpine scree	caespitose pl, 10-20	2018	C
377	<i>Papaver croceum</i>	Papaveraceae	KAZ	Trans-Ily Ala Tau	3300	alpine scree		2019	C
378	<i>Papaver dahlianum</i>	Papaveraceae	NOR	Longyear, Svalb		arctic mineral scree	caespitose pl, 10-15	2016	C
379	<i>Paracaryum racemosum</i>	Boraginaceae	ex TUR				20-30 cm	2019	E
380	<i>Paraquilegia caespitosa</i>	Ranunculaceae	TAJ	Khomburabad, Darvas	3000		5-10 cm, white fls	2017	E
381	<i>Paraquilegia grandiflora</i>	Ranunculaceae	KAZ	Trans-Ily Ala Tau	3450	alpine crevices	5-15 cm, bluish white	2019	E
382	<i>Parnassia fimbriata</i>	Gentianaceae	USA	ex WY		lake bogs	15-20 cm, white fls	2018	B
383	<i>Paronychia pulvinata</i>	Caryophyllaceae	USA	ex CO		alpine crevices	cushions	2018	E
384	<i>Parrya ericalyx</i>	Brassicaceae	TAJ	Kyzylart, TransAlai	3800	slate scree	prostrate small rosett	2015	E
385	<i>Patrinia intermedia</i>	Caprifoliaceae	KAZ	Ketmen	2000	mountain steppe	caespitose pl, 20-30	2019	A
386	<i>Pedicularis cf. rhinanthoides</i>	Scrophulariaceae	KYR	Moldo Tau	2800	wet grassland	Caespitose pl 5-10 cr	2018	D
387	<i>Pedicularis groenlandica</i>	Scrophulariaceae	USA	ex CO		mountain steppe	10-30 cm, dark purple	2018	C
388	<i>Pedicularis lichiangensis</i>	Scrophulariaceae	CHN	BaimaShan, Yunnan	4600	limestone scree	10 cm, pink fls	2019	D
389	<i>Pedicularis longiflora</i>	Scrophulariaceae	CHN	BaimaShan, Yunnan	4300	grassy bogs	5-20 cm, large yellow	2019	D
390	<i>Penstemon linarioides coloradensis</i>	Scrophulariaceae	ex USA				prostrate pl, silver lvs	2019	D
391	<i>Penstemon caryi</i>	Scrophulariaceae	USA	ex WY		mountain steppe	10 -20 cm, blue-purple	2018	D
392	<i>Penstemon cyananthus</i>	Scrophulariaceae	USA	ex WY		alpine grassland	15 cm, blue-purple fls	2018	D
393	<i>Penstemon davidsonii</i>	Scrophulariaceae	ex USA				5-15 cm, rose fls	2019	D
394	<i>Penstemon eriantherus</i>	Scrophulariaceae	USA	ex WY		mountain steppe	10-20 cm, pink-purple	2018	D
395	<i>Penstemon glaber</i>	Scrophulariaceae	USA	ex WY		mountain steppe	15-20 cm, blue-purple	2018	D
396	<i>Penstemon hallii</i>	Scrophulariaceae	USA	ex WY		alpine limestone scree	15 cm, blue fls	2018	D
397	<i>Penstemon procerus</i>	Scrophulariaceae	USA	ex WY		alpine grassland	10-20 cm, blue-purple	2018	D
398	<i>Penstemon rostriflorus</i>	Scrophulariaceae	USA	ex CO			ex sw USA Pinyon Ju	2018	C
399	<i>Penstemon strictus</i>	Scrophulariaceae	USA	ex CO			30 cm,	2018	C
400	<i>Perezia carthamoides</i>	Asteraceae	CHL	La Parva	320	volcanic ash, lava	5-15 cm, white bluish	2019	D
401	<i>Perezia recurvata v. recurvata</i>	Asteraceae	CHL	Lag. Maule	230	volcanic ash, lava	10-15 cm, white to pa	2019	D
402	<i>Phacelia sericea</i>	Lamiaceae	USA	ex CO		steppe	20-40 cm, lilac fls in c	2018	D
403	<i>Plantago barbata</i>	Plantaginaceae	CHL	V Nevado	310	volcanic ash, lava	3-5 cm	2019	D
404	<i>Polemonium aff. viscosum</i>	Polemoniaceae	USA	ex WY		rock crevices	15-20 cm, prominent	2018	E
405	<i>Polemonium delicatum</i>	Polemoniaceae	USA	ex WY		alpine scree	15 cm. prominent oin	2018	E

406	<i>Polemonium viscosum</i>	Polemoniaceae	USA	ex CO		alpine grassland	15-20 cm, prominent	2018	E
407	<i>Potentilla biflora v. tsarongensis</i>	Rosaceae	CHN	MiLa, Tibet	4900	alpine scree	large rounded hard cu	2016	E
408	<i>Potentilla porphyrantha</i>	Rosaceae	ex ARM	Nagorny Karabakh	2000	limestone crevices	prostrate cushion 5 c	2019	C
409	<i>Pozoa coriacea</i>	Apiaceae	CHL	La Pava	289	volcanic ash, lava	prostrate pl 5 cm, gre	2019	D
410	<i>Pozoa coriacea</i>	Apiaceae	CHL	Lag. Maule	215	volcanic ash, lava		2019	D
411	<i>Pozoa coriacea</i>	Apiaceae	CHL	Lanin	145	volcanic ash, lava		2019	D
412	<i>Pozoa volcanica</i>	Apiaceae	CHL	Lag. Teno	246	volcanic ash, lava	caespitose pl 10-15 c	2019	D
413	<i>Primula agleniana</i>	Primulaceae	CHN	GalungLa, Tibet	3900	alpine rocky slopes	caespitose pl. 20-30 c	2016	C
414	<i>Primula algida</i>	Primulaceae	KAZ	Trans-Ily Ala Tau	3300	alpine grassland	caespitose pl 10 cm,	2019	D
415	<i>Primula alpicola</i>	Primulaceae	CHN	GalungLa, Tibet	3600		caespitose pl 20-40 c	2016	C
416	<i>Primula alpicola v. luna</i>	Primulaceae	CHN	SerkymLa, Tibet	4900	alpine meadow	smaller than P. alpic	2016	C
417	<i>Primula blinii</i>	Primulaceae	CHN	DaXueShan, Yunnan	4400	alpine grassland	5-12 cm, sessile ros	2019	E
418	<i>Primula cf. secundiflora</i>	Primulaceae	CHN	BaimaShan, Yunnan	4400	limestone scree, grassland		2019	D
419	<i>Primula cf. secundiflora</i>	Primulaceae	CHN	BaimaShan, Yunnan	4300	limestone scree, grassland		2019	D
420	<i>Primula dryadifolia</i>	Primulaceae	CHN	BaimaShan, Yunnan	4500	cold scree in the highest altitu	5-12 cm, rose fls	2019	E
421	<i>Primula florindae</i>	Primulaceae	CHN	Lulang, Tibet	3300	boggy meadows	giant caespitose Prim	2016	C
422	<i>Primula forrestii</i>	Primulaceae	CHN	Yangtse, Lijiang, Yunnan	3500	limestone scree	caespitose pl, 15-20	2014	C
423	<i>Primula forrestii</i>	Primulaceae	CHN	YulongShan, Yunnan	3300	forest outcrops		2019	D
424	<i>Primula graminifolia</i>	Primulaceae	CHN	BaimaShan, Yunnan	4500	limestone scree, grassland	close to P. sinoplanta	2019	E
425	<i>Primula graminifolia</i>	Primulaceae	CHN	DaXueShan, Yunnan	4500	alpine grassland		2019	E
426	<i>Primula minkwitziae</i>	Primulaceae	TAJ	Artuch, Zeravshan	3400	sheltered under boulders	caespitose pl, 10-15 c	2017	E
427	<i>Primula morsheadiana/prenantha</i>	Primulaceae	CHN	GalungLa, Tibet	3900	cold rocky slopes	caespitose pl, 15-20 c	2016	C
428	<i>Primula muscaroides</i>	Primulaceae	CHN	GalungLa, Tibet	3700	fine scree	prostrate rosettes, 3-4	2016	D
429	<i>Primula nanobella</i>	Primulaceae	CHN	BaimaShan, Yunnan	4400	limestone scree, grassland	small gem 1-3 cm, ro	2019	F
430	<i>Primula nivalis</i>	Primulaceae	KAZ	Trans-Ily Ala Tau	2550	lake banks, mineral wet scree	large pl 30-50 cm, no	2019	D
431	<i>Primula olgae</i>	Primulaceae	TAJ	Anzob, Hissar	2800	wet alpine meadows	caespitose pl, 5-20 cr	2017	D
432	<i>Primula olgae</i>	Primulaceae	TAJ	Khomburabad, Darvas	3100			2017	D
433	<i>Primula pamirica</i>	Primulaceae	TAJ	Khomburabad, Darvas	3300	alpine meadow and snow field	caespitose pl, 5-12 cr	2017	D
434	<i>Primula pamirica</i>	Primulaceae	TAJ	Sasyk Kul, Pamir	3900	salty bog, grassland	caespitose pl, 10-15 c	2015	D
435	<i>Primula poissonii</i>	Primulaceae	CHN	Bowa Shan, Sechuan	4300	slate along stream	caespitose pl, 20-30	2014	C
436	<i>Primula pulchella</i>	Primulaceae	CHN	Zhongdian, Yunnan	3200	limestone scree	caespitose pl, 8-12 c	2014	C
437	<i>Primula secundiflora</i>	Primulaceae	CHN	Zhongdian, NapaHai, Yun	3600	mountain grassland	caespitose larger pl,	2019	D
438	<i>Primula serratifolia</i>	Primulaceae	CHN	CangShan, Yunnan	4100	subalpine grassland	caespitose pl, 15-30 c	2019	D
439	<i>Primula sikkimensis</i>	Primulaceae	CHN	BaimaShan, Yunnan	4300	limestone scree, grassland	caespitose pl, 20-40	2019	D
440	<i>Primula sinopurpurea</i>	Primulaceae	CHN	DaXueShan, Yunnan	4300	alpine grassland	caespitose pl, 40 cm	2019	D
441	<i>Primula sinopurpurea</i>	Primulaceae	CHN	Zhongdian, NapaHai, Yun	3600	mountain grassland		2019	D
442	<i>Primula tsanensis</i>	Primulaceae	CHN	GalungLa, Tibet	3900	alpine grassland	caespitose pl, 12-20 c	2016	D
443	<i>Primula turkestanica</i>	Primulaceae	KAZ	Trans-Ily Ala Tau	3400	alpine wet scree	aff. P. nivalis. 20-30 c	2019	D
444	<i>Primula zambalensis</i>	Primulaceae	CHN	BaimaShan, Yunnan	4300	wet scree, boggy grassland	small compact pl 5-12	2019	E
445	<i>Prunus tianshanica</i>	Rosaceae	KYR	Talas Ala Tau	1600	dry rocky bushland	low shrub, pink fls, re	2018	D
446	<i>Pterocarpus pinnatifidus</i>	Dipsacaceae	ex GRC				prostrate pl 5-10 cm	2019	D
447	<i>Pterocarpus pinnatifidus</i>	Dipsacaceae	ex TUR	Ala Dag			prostrate pl, 5 cm hig	2019	D
448	<i>Pulsatilla albana</i>	Ranunculaceae	ex RUS	Caucasus			caespitose pl, 15-20 c	2019	C
449	<i>Pulsatilla campanella</i>	Ranunculaceae	KYR	E Kyrgyz AT	3300	apine grassland	caespitose pl, 15-20 c	2018	C
450	<i>Pulsatilla campanella</i>	Ranunculaceae	KAZ	Trans-Ily Ala Tau	2700	alpine grassland		2019	C
451	<i>Pulsatilla dahurica</i>	Ranunculaceae	ex RUS	Amur		alpine grassland	15-20 cm, reddish pur	2019	C
452	<i>Pulsatilla flavescens</i>	Ranunculaceae	ex RUS	Altai		alpine grassland	P. patens group, 20 c	2019	D
453	<i>Pyrethrum karelinii</i>	Asteraceae	KAZ	Trans-Ily Ala Tau	3400	alpine grassland	large daisy, 15-20 cm	2019	D
454	<i>Pyrethrum leontopodium/sovetskinae</i>	Asteraceae	KYR	Kyrgyz Ala Tau	3400	rock crevices	caespitose white woo	2015	E
455	<i>Pyrethrum pyrethroides</i>	Asteraceae	KAZ	Trans-Ily Ala Tau	3400	alpine scree	prostrate silver mat, w	2019	D
456	<i>Pyrethrum tatsienense</i>	Primulaceae	CHN	BaimaShan, Yunnan	4300	alpine acidic grassland	5-20 cm, green lvs, ye	2019	D
457	<i>Quercus aquifolioides</i>	Fagaceae	CHN	Zhongdian, Yunnan	3300	timberline shrub	shrub, 50-100 cm, sp	2019	D
458	<i>Quinchamalium chilense</i>	Santalaceae	CHL	Lag. Teno	247	volcanic ash, lava	prostrate stems with w	2019	D
459	<i>Quinchamalium chilense</i>	Santalaceae	CHL	Shangrila	250	volcanic ash, lava		2019	D
460	<i>Ranunculus peduncularis</i>	Ranunculaceae	ARG	P. Pehuenche	255	along streams	5-15 cm, yellow fls	2019	C
461	<i>Ranunculus rufosepalus</i>	Ranunculaceae	TAJ	Anzob, Hissar	3300	snow field	caespitose pl, 5-10 cr	2017	D
462	<i>Rhamnus microcarpa</i>	Rhamnaceae	ex RUS	Caucasus, Mt. Fisht			dwarf shrub, appresse	2018	C
463	<i>Rheum delavayi</i>	Polygonaceae	CHN	BaimaShan, Yunnan	4400	limestone scree, grassland	dwarf rhubarb 10-20 c	2019	D
464	<i>Rheum delavayi</i>	Polygonaceae	CHN	DaXueShan, Yunnan	4400	alpine grassland		2019	D
465	<i>Rhinopetalum bucharicum</i>	Liliaceae	TAJ	Peter I.	2500	open soil and scree	bulb pl, 5-15 cm high,	2017	D
466	<i>Rhodiola atuntsiensis</i>	Crassulaceae	CHN	SerkymLa, Tibet	4400	alpine scree	caespitose pl, 15 cm	2016	D
467	<i>Rhodiola atuntsiensis</i>	Crassulaceae	CHN	DaXueShan, Yunnan	4400	alpine grassland		2019	D
468	<i>Rhodiola cf. cretinii</i>	Crassulaceae	CHN	BaimaShan, Yunnan	4500	limestone scree, grassland	prostrate stems	2019	D
469	<i>Rhodiola coccinea</i>	Crassulaceae	KAZ	Trans-Ily Ala Tau	3400	alpine scree	woody base, sprouts	2019	D
470	<i>Rhodiola integrifolia</i>	Crassulaceae	USA	ex CO		alpine grassland	15-20cm, grey lvs, pir	2018	D
471	<i>Rhodiola linearifolia</i>	Crassulaceae	KAZ	Trans-Ily Ala Tau	3400	alpine scree	20-30 cm, linear lvs	2019	D
472	<i>Rhodiola recticaulis</i>	Crassulaceae	TAJ	Artuch, Zeravshan	2700	alpine scree	rhizomatic pl, 15-20 c	2017	C
473	<i>Rhodiola recticaulis</i>	Crassulaceae	TAJ	Mamasary, Pamir	4500	alpine scree		2015	C
474	<i>Rhodiola rhodantha/Clementsia</i>	Crassulaceae	USA	ex CO		alpine grassland	15 cm, rose fls	2018	D
475	<i>Rhododendron cephalotum</i>	Ericaceae	CHN	BaimaShan, Yunnan	4400	limestone scree, grassland	small shrub 15-25 cm	2019	D
476	<i>Rhododendron cephalotum</i>	Ericaceae	CHN	DaXueShan, Yunnan	4680	alpine grassland		2019	D
477	<i>Rhododendron chamaethomsonii</i>	Ericaceae	CHN	GalungLa, Tibet	3800	cold rocky slopes	prostrate shrub, 10-20	2016	D
478	<i>Rhodophiala araucana</i>	Amaryllidaceae	CHL	Lag. Laja	155	volcanic ash, lava	15 cm,	2019	E
479	<i>Rhodophiala montana</i>	Amaryllidaceae	CHL	Lag. Maule	230	volcanic ash, lava	20 cm, yellow fls	2019	E
480	<i>Rhodophiala rhodolirion</i>	Amaryllidaceae	CHL	Lagunillas*	230	volcanic ash, lava	15 cm, pink fls	2019	E
481	<i>Roscoea cauleoides</i>	Zingiberaceae		ex Yunnan		mountain shrubland	yellow fls	2018	C

482	<i>Roscoea tibetica</i>	Zingiberaceae	CHN	ex Zhongdian, Yunnan	3500	mountain grassland	small rhizomatic pl, 5	2019	C
483	<i>Salvia blepharochlaena</i>	Lamiaceae	ex TUR				caespitose pl, 20	2018	D
484	<i>Salvia canescens</i>	Lamiaceae	ex RUS	Balkaria, Caucasus			silver pl 20 cm	2019	D
485	<i>Saponaria pulvinaris</i>	Caryophyllaceae	ex TUR				prostrate mat 10-20 c	2018	D
486	<i>Saussurea cf. superba</i>	Asteraceae	CHN	DaXueShan, Yunnan	4400	alpine grassland	prostrate rosette, 1 se	2019	D
487	<i>Saussurea columnaris</i>	Asteraceae	CHN	DaXueShan, Yunnan	4400	alpine grassland	10 cm, linear lvs, rose	2019	D
488	<i>Saussurea famintziniana</i>	Asteraceae	TAJ	Karakul, Pamir	3400	salty sandy bank	prostrate caespitose	2015	D
489	<i>Saussurea gnaphalodes</i>	Asteraceae	KAZ	Trans-Ily Ala Tau	3400	alpine scree	prostrate silver rosette	2019	E
490	<i>Saussurea katochaete</i>	Asteraceae	CHN	BaimaShan, Yunnan	4300	limestone scree, grassland	prostrate rosette, 1 se	2019	D
491	<i>Saussurea leucoma</i>	Asteraceae	CHN	BaimaShan, Yunnan	4400	limestone scree, grassland	white hairy columns	2019	E
492	<i>Saussurea leucophylla</i>	Asteraceae	TAJ	Kyzylart, TransAlai	4200	fine slate scree	caespitose pl, 15 cm	2015	D
493	<i>Saussurea leucophylla</i>	Asteraceae	KAZ	Trans-Ily Ala Tau	3400	alpine grassland		2019	D
494	<i>Saussurea obvallata</i>	Asteraceae	CHN	SerkymLa, Tibet	4500		caespitose pl, 20-50	2016	D
495	<i>Saussurea salsa var. pamirica</i>	Asteraceae	TAJ	Sasyk Kul, Pamir	3900	salty sandy lake bank	caespitose bouquet-lii	2015	D
496	<i>Saxifraga aff. albertii</i>	Saxifragaceae	KYR	Talas Ala Tau	3200	limestone crevices	sect. Porophyllum, dif	2018	E
497	<i>Saxifraga aff. isochilla</i>	Saxifragaceae	CHN	DaXueShan, Yunnan	4500	alpine grassland	sect. Ciliatae, 3-5 cm	2019	E
498	<i>Saxifraga albertii</i>	Saxifragaceae	KYR	E Kyrgyz AT	3500	overhangs, limestone crevices	sect. Porophyllum, cc	2018	D
499	<i>Saxifraga albertii</i>	Saxifragaceae	KYR	Chatkai AT	2050	overhangs, limestone crevices	different local form, cc	2018	D
500	<i>Saxifraga anistulata</i>	Saxifragaceae	CHN	DaXueShan, Yunnan	4400	alpine grassland	sect. Ciliatae, 5 cm, lii	2019	E
501	<i>Saxifraga candelabrum</i>	Saxifragaceae	CHN	Zhongdian, Yunnan	3400	rock crevices	sect. Ciliatae, rounded	2019	D
502	<i>Saxifraga cartilaginea</i>	Saxifragaceae	ex RUS	Krasnaja Poljana, Caucas			caespitose pl, 10-20	2018	C
503	<i>Saxifraga ferdinandi coburgii rhodop</i>	Saxifragaceae	ex BUL	Rhodops			compact grey cushion	2018	C
504	<i>Saxifraga macrocalyx</i>	Saxifragaceae	KAZ	Trans-Ily Ala Tau	3500	alpine scree	aff. S. flagellaris	2019	D
505	<i>Saxifraga melanocentra/Micranthes</i>	Saxifragaceae	CHN	BaimaShan, Yunnan	4400	limestone scree, grassland	10 cm, dark purple fls	2019	D
506	<i>Saxifraga moorcroftiana</i>	Saxifragaceae	CHN	DaXueShan, Yunnan	4400	alpine grassland	sect. Ciliatae, 10-15 cm	2019	D
507	<i>Saxifraga moorcroftiana</i>	Saxifragaceae	CHN	BaimaShan, Yunnan	4400	limestone scree, grassland		2019	D
508	<i>Saxifraga oppositifolia</i>	Saxifragaceae	NOR	Longyear, Svalb	150		ltiny mats, rose fls	2016	C
509	<i>Saxifraga oppositifolia v. asiatica</i>	Saxifragaceae	KAZ	Trans-Ily Ala Tau	3400	alpine crevices	large mats, 3 cm high	2019	D
510	<i>Saxifraga sinomontana</i>	Saxifragaceae	CHN	Lulang, Tibet	3400	mountain bog	sect. Ciliatae, 10-15 cm	2016	C
511	<i>Saxifraga strobmyi</i>	Saxifragaceae	ex BUL	Rodopi			sect. Porophyllum, sil	2018	D
512	<i>Saxifraga tangutica</i>	Saxifragaceae	CHN	MiLa, Tibet	5000	alpine grassland	sect. Ciliatae, cushion	2016	C
513	<i>Saxifraga wardii</i>	Saxifragaceae	CHN	SerkymLa, Tibet	4400	alpine grassland	sect. Ciliatae, caespit	2016	E
514	<i>Schizanthus grahamii</i>	Solanaceae	CHL	Lag. Teno	246	volcanic ash, lava	15-30 cm, numerous	2019	D
515	<i>Schizanthus hookeri</i>	Solanaceae	ARG	P. Pehuenche	210	volcanic ash, lava	15-30 cm, numerous	2019	D
516	<i>Scutellaria przewalskyi</i>	Lamiaceae	KYR	Moldo Tau	2800	alpine scree	prostrate pl 10-30 cm	2019	D
517	<i>Scutellaria suffruticosa</i> "Texas Rose"	Lamiaceae	ex USA				caespitose pl, 10-15	2019	C
518	<i>Sedum lanceolatum</i>	Crassulaceae	USA	ex WY		mountain steppe	3-5 cm, yellow fls	2018	C
519	<i>Senecio chilensis</i>	Asteraceae	CHL	Lao. Laia	138	volcanic ash, lava		2019	D
520	<i>Senecio crithmoides</i>	Asteraceae	CHL	Lag. Teno	247	volcanic ash, lava	green cushions, pale	2019	D
521	<i>Senecio leucophyton</i>	Asteraceae	CHL	Lanin	150	volcanic ash, lava	white tomentose cush	2019	D
522	<i>Senecio subdiscoideus</i>	Asteraceae	ARG	P. Pehuenche	280	volcanic ash, lava	prostrate cushion, 10-	2019	D
523	<i>Senecio tricephalus</i>	Asteraceae	CHL	Lag. Laja	140	volcanic ash, lava	rounded compact green	2019	D
524	<i>Sergia regelii /Asyneuma</i>	Campanulaceae	TAJ	Mogian, Hissar	2400	limestone crevices	caespitose pl, 10-15	2017	D
525	<i>Serratula procumbens</i>	Asteraceae	TAJ	Sasyk Kul, Pamir	3900	fine scree	prostrate caespitose	2015	D
526	<i>Silene acaulis</i>	Caryophyllaceae	USA	ex WY		limestone crevices		2018	C
527	<i>Silene argaea</i>	Caryophyllaceae	ex TUR	Erciyes D.			prostrate hairy mats,	2019	D
528	<i>Silene falcata</i>	Caryophyllaceae	ex TUR	Ulu Dag	2000	limestone scree	prostrate mats, 5-15	2019	C
529	<i>Silene guttensis</i>	Caryophyllaceae	KYR	E Kyrgyz AT	2500	rocky deposit	Caespitose perennial	2018	D
530	<i>Silene schaffa</i>	Caryophyllaceae	ex cult				caespitose pl 10-15	2019	B
531	<i>Sinocrassula cf. densirosulata</i>	Crassulaceae	CHN	Lhasa, Tibet	3700	cold shady rock walls	compact ground roset	2016	D
532	<i>Sinocrassula indica</i>	Crassulaceae	CHN	CangShan, Yunnan	2600	rock crevices	succulent plant 15 cm	2019	D
533	<i>Sinopodophyllum emodii</i>	Ranunculaceae	CHN	Zhongdian, NapaHai, Yun	3600	mountain grassland	30-40 cm, pink fls, lar	2019	C
534	<i>Sisyrinchium arenarium</i>	Iridaceae	CHL	Lagunillas	237	volcanic ash, lava	pale yellow fls	2019	D
535	<i>Sisyrinchium macrocarpum</i>	Iridaceae	ex USA				dark yellow fls	2019	C
536	<i>Solanum elaeagnifolium</i>	Solanaceae	CHL	Chillan	1780	volcanic ash, lava	mountain potato, purp	2019	D
537	<i>Solidago multiradiata</i>	Asteraceae	USA	ex WY		alpine grassland	15-20 cm, yellow fls	2018	C
538	<i>Solmslaubachia linearifolia</i>	Brassicaceae	CHN	BaimaShan, Yunnan	4400	limestone scree, grassland	3-5 cm, pink fls, large	2019	E
539	<i>Sorbus rehderiana</i>	Rosaceae	CHN	Zhongdian, NapaHai, Yun	3700	mountain grassland	shrub, pink fruits	2019	C
540	<i>Soroseris rosularis</i>	Asteraceae	CHN	BaimaShan, Yunnan	4400	limestone scree, grassland	sessile rosettes with	2019	D
541	<i>Spongiocarpella polystichoides</i>	Fabaceae	CHN	DaXueShan, Yunnan	4400	alpine grassland	prostrate mat, woody	2019	E
542	<i>Stachys inflata</i>	Lamiaceae	ex Iran	Elborz, Baladeh	1600	mountain steppe	caespitose pl, 20 cm	2019	A
543	<i>Stachys lavandulifolia</i>	Lamiaceae	ex Iran	Kandovan			prostrate stoloniferou	2018	B
544	<i>Stellera chamaejasme v. chrysantha</i>	Thymeleaceae	CHN	Zhongdian, Yunnan	3300	mountain grassland	20-30 cm stems, yell	2019	E
545	<i>Swertia forrestii</i>	Gentianaceae	CHN	BaimaShan, Yunnan	4300	limestone scree, grassland	50 cm, blue purple fls	2019	D
546	<i>Syncalathium soulei</i>	Asteraceae	CHN	BaimaShan, Yunnan	4400	limestone scree, grassland	sessile rosettes with	2019	D
547	<i>Tarasa humilis</i>	Malvaceae	CHL	Lag. Laja	150	volcanic ash, lava	caespitose, 5 cm, pro	2019	E
548	<i>Telesonix heucheroides</i>	Saxifragaceae	USA	ex WY		limestone crevices	saxatile plant 15 cm,	2018	D
549	<i>Thalictrum sp.</i>	Ranunculaceae					caespitose pl, 15-20	2019	C
550	<i>Thermopsis barbata</i>	Fabaceae	CHN	BaimaShan, Yunnan	4400	limestone scree, grassland	hairy pl 15 cm, purple	2019	E
551	<i>Thlaspi bellidiifolium</i>	Brassicaceae	ex Macedo	Galicica			caespitose pl 5-8 cm	2019	C
552	<i>Thlaspi bellidiifolium</i>	Brassicaceae	ex ALB	Korab				2019	C
553	<i>Thlaspi stylosum</i>	Brassicaceae	ex ITA	Majella			caespitose pl 5-8 cm	2019	C
554	<i>Tibetia tongolensis</i>	Fabaceae	CHN	Zhongdian, NapaHai, Yun	3300	mountain grassland	prostrate 3-5 cm, purp	2019	D
555	<i>Trachelium rumelianum</i>	Campanulaceae	ex Mt Neg			limestone	caespitose pl 10-15	2019	C
556	<i>Trifolium parryi</i>	Fabaceae	USA	ex CO		alpine grassland	dwarf clover 5-8 cm, p	2018	D
557	<i>Trollius altaicus</i>	Ranunculaceae	KAZ	Trans-Ily Ala Tau	2600	alpine grassland	30 cm, yellow fls	2019	D

558	<i>Trollius komarovii/Hegemone micra</i>	Ranunculaceae	KYR	Central Kyrgyz AT	3000	wet alpine grassland	caespitose pl, 10-20 cm	2018	E
559	<i>Trollius lilacinus</i>	Ranunculaceae	KYR	E Kyrgyz AT	3300	alpine wet grassland	caespitose pl, 10-20 cm	2018	E
560	<i>Tulipa anadroma</i>	Liliaceae	KYR	Chatkal AT	1900	rocky grassland nr lake	Bulb pl 15-30 cm high	2018	D
561	<i>Tulipa cf. dasystemon</i>	Liliaceae	KYR	Central Kyrgyz AT	3000	rocky alpine grassland	Bulb pl 10 cm high, n°	2018	D
562	<i>Tulipa cf. dasystemon</i>	Liliaceae	TAJ	Khomburabad, Darvas	3000	mountain rocky steppe	bulb pl, 10 cm high, 2°	2017	D
563	<i>Tulipa dasystemon</i>	Liliaceae	KAZ	Trans-Ily Ala Tau	3300	alpine grassland	bulb like yellow fls	2019	D
564	<i>Tulipa heterophylla</i>	Liliaceae	KAZ	Trans-Ily Ala Tau	3400	alpine grassland	lily-like yellow fls	2019	E
565	<i>Tulipa kaufmanniana</i>	Liliaceae	KYR	Chatkal AT	2000	dry steppe	Bulb pl 20-40 cm high	2018	C
566	<i>Tulipa zenaidae</i>	Liliaceae	KYR	E Kyrgyz AT	2500	rocky grassland	Bulb pl 10-20 cm high	2018	D
567	<i>Vernonia larsenii</i>	Asteraceae	USA	ex TX, Denver		steppe	sc Texas	2018	C
568	<i>Viola atropurpurea</i>	Violaceae	CHL	La Parva	293	volcanic ash, lava	rosulate, black purple	2019	F
569	<i>Viola atropurpurea</i>	Violaceae	CHL	La Parva	300	volcanic ash, lava		2019	F
570	<i>Viola atropurpurea</i>	Violaceae	CHL	Lag. Maule	290	volcanic ash, lava		2019	F
571	<i>Viola congesta</i>	Violaceae	CHL	Lag. Teno	246	volcanic ash, lava	rosulate hairy, purple	2019	F
572	<i>Viola cotyledon</i>	Violaceae	CHL	Chillan	188	volcanic ash, lava	rosulate sticky, white	2019	F
573	<i>Viola cotyledon</i>	Violaceae	CHL	Lag. Maule	290	volcanic ash, lava	rosulate sticky, pale	2019	F
574	<i>Viola cotyledon</i>	Violaceae	CHL	Lag. Teno	246	volcanic ash, lava	rosulate sticky, pale	2019	F
575	<i>Viola cotyledon</i>	Violaceae	CHL	Lanin	124	volcanic ash, lava	rosulate sticky, pale	2019	F
576	<i>Viola farkasiana</i>	Violaceae	CHL	Lag. Laja	140	volcanic ash, lava	rosulate, glandulose,	2019	F
577	<i>Viola philippii</i>	Violaceae	CHL	La Parva	345	volcanic ash, lava	smaller rosulate, glan	2019	F
578	<i>Viola philippii</i>	Violaceae	CHL	V Nevado	310	volcanic ash, lava		2019	F
579	<i>Viola reichii</i>	Violaceae	CHL	Chillan	185	volcanic ash, lava	small leafy, yellow fls	2019	E
580	<i>Viola rosulata</i>	Violaceae	CHL	Shangrila	150	volcanic ash, lava	flat pale rosulate, whit	2019	F
581	<i>Viola tianshanica/kunawarensis</i>	Violaceae	KAZ	Trans-Ily Ala Tau	3300	alpine grassland	dwarf, 3-5 cm, spathu	2019	F
582	<i>Zinnia grandiflora</i>	Asteraceae	USA	ex CO, Denver		Great Plains	prostrate, prominent y	2018	D