



# HORTUS BOTANICUS

Журнал Совета ботанических садов СНГ при МААН

Index Seminum

|

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**На обложке:**

Seeds (stereoscopic microscope Olympus SZX 16, camera Olympus DP73), Alicia Kruchonok,  
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Петрозаводск

2017

# **Index sporarum et seminum quae hortus botanicus Petri Mangi Instituti botanici nom. V. L. Komarovii Academiae Scientiarum Rossicae pro mutua commutatione offert № CLIV**

**TKACHENKO  
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**Ключевые слова:**

перечень спор и семян,  
Ботанический сад Петра  
Великого, Санкт-Петербург

**Аннотация:** Перечень спор, плодов и семян,  
предлагаемых в обмен Ботаническим садом Петра  
Великого, собранные в 2016 году.

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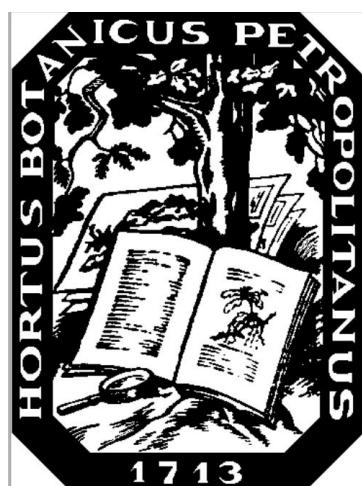
**Hortus Botanicus Petri Mangi**

**Instituti Botanici nom. V. L. Komarovii Academiae Scientiarum Rossicae**

Anno 1713 conditus

Positio geographica:

- latitudo septentrionalis – 59° 55'
- longitudo orientalis – 30° 18'
- altitudo – 2–4 m
- Hortus area – 16,7 ha;
- calidarii area – 1,1 ha



**Delectus primus – anno 1835 publicatus**

Our IPEN acronym is **LE** (July 2013)

Botanicus – DSc. **Kirill Tkachenko**

**Curatores:**

Plantae cultae sub divo:

- Dr. **Gennady Firsov** – Plantae lignosae
- Dr. **Marina Baranova** – Liliaceae
- Dr. **Nina Alexeeva** – Iridaceae
- DSc. **Kirill Tkachenko** – Alpinarium
- Dr. **Irina Pautova** – Alimentarium, nutritivarum et medicinalium plantae
- **Alla Kapelyan** – Rosarium
- **Vladimir Reinvald, Dr. Sergey Shevchuk** – Floralium
- **Elena Olschevskaya** – Decor hortorum

Plantae calidiorum:

- Prof., DSc. **Elena Arnautova** – Plantae subtropicae, tropicae et Pteridophyta omnia
- **Jeugenia Romanova** – Plantae succulentae

Collectores seminum: **Olga Kovbasina, Natalja Kutijavina, Eduard Lebedev, Irina Dityateva, Elena Smirnova, Marina Bolshakova, Nataliya Kolchenko, Gennady Firsov, Alexandra Volchanskaya, Alexandra Loginova, Alla Kapelian, Elena Olschevskaya, Sergey Shevchuk, Victoria Semenova**

Acting director – DSc. **Dmitry Geltman**

Horti botanici praefectus – Prof., DSc. **Vasily Jarmishko**

Convention on the Exchange of Plant Material

Following the international [Convention on Biological Diversity](#) (Rio de Janeiro – 1992) , article 15 (access to genetic resources) especially concerning the exchange of plant material, the Peter the Great Botanical Garden of the V.L. Komarov Botanical Institute of RAS (BG BIN RAS) has adopted a policy on supplying seed to the scientific and horticultural community.

Here are the following conditions:

**a)** *They are used for the common good in the areas of research, trialing, breeding, education and the development of public botanic gardens.*

**b)** *If the recipient seeks to commercialize the genetic material, its products or research derived from it, then permission must be sought from the BG BIN RAS. Such commercialization will be subject to a separate agreement complying with our policy that a proportion of net profits be distributed to the country from which the seeds were collected.*

**c)** *The genetic material, its products or research derived from it are not passed onto a third party for commercialization, without permission from the BG BIN RAS.*

**d)** *Any research publications resulting from the use of the genetic material must be acknowledged the BG BIN RAS as the supplier.*

\* \* \* \* \*

The seeds listed below are all open pollinated. Those collected in the wild or cultivated from wild collected plants.

## Invasive Plants

Invasive, non-native plants are a serious global issue. Since it is impossible to predict the behavior of a plant outside its natural habitat, please use caution in the mode of reproduction of each species before adding it to your collection. We recommend a lengthy evaluation period in controlled conditions with introduced plants.



**Peter the Great Botanical Garden** of the Russian Academy of sciences (in Saint Petersburg) - one of the oldest in Russia. It was founded as the Apothecary Garden on the Crows Island in Saint - Petersburg, on behalf of the decree of Emperor Peter I on February 11, 1714. In the south-eastern part of the island a garden, where medicinal herbs were grown for the needs of the army and navy, was divided.

By the 30s of the XVIII century on the garden's sites were grown under 300 species of medicinal plants, it supplied drugs pharmacy with raw material. Culture of herbs to supply pharmacies was conducted up to 1824.

Apothecary Garden introduced into a culture not only herbs, he was obliged to start "curious and alien plants" and diligently protect them in winter. In the 20th years of the XVIII century, the first greenhouse was built in the apothecary gardens, it contained plants which gave fresh medicinal herbs in the winter, and plants, which cannot exist in the open field.

At the beginning of 1823 the Botanical Garden was transferred to the Medical Department of the Ministry of Internal Affairs and received the title of "Imperial".

With the activities of the Garden's director, F.B.Fisher (1823-1850) in 1824 was built 25 greenhouses with a total length of 1500 m, which, in a slightly altered form, still exists.

At the end of the 19th century the Botanical Garden park received the plan, which is peculiar to him now.

In 1910 was made the first single catalog of living plants (handwritten), where all the plants were arranged in alphabetical order delivery. By 1913, the Botanical Garden's collection comprises 27,003 species. In the same year, in honor of the 200th anniversary, marking the merits of the Garden, it was given the name of Peter the Great.

After the 1917 revolution, the garden remained a leading position in the development of botanical science. From 1917 to 1931 the Botanical Garden was in the jurisdiction of the People's Commissariat of Agriculture and was named First Major Botanical Garden of the RSFSR, and then the Main Botanical Garden of the USSR. In 1931, the Botanical Garden of the USSR was merged with the Botanical Museum of the Academy of Sciences of the USSR in the Botanical Institute of the USSR Academy of Sciences. Live plants Division was renamed to the Department of Botanical Garden.

During the Second World War Garden collection suffered heavy losses. Especially a collection of tropical and subtropical plants came off the worst, as greenhouses were broken. Unique specimens of palms and tree ferns were lost. It was managed to save no more than 1,000 samples of greenhouse plants.

Reconstruction of greenhouses and collections had started in 1943. After the war, the garden was completely reconstructed, greenhouses were renovated, huge collection was built, which exceeded pre-war. Today greenhouses contain a collection of more than 12 500 species and cultivars of plants and more than 5500 taxa grown in open ground (out door).

A large research project on the introduction of plants is carried out today in the Garden. The research results are publishing in various articles and books. Garden maintains close contacts with many botanical gardens, nurseries and institutions is the exchange of seeds and plants. Each year, only the greenhouse of the Botanical Garden is visited by more than 300 000 visitors.

**Prof., DSc. Elena Arnautova**, head of group of introduction tropical, subtropical and succulents plants, scientific curator greengouses collections

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## PARS I. SPORAE, SEMINA ET FRUCTIS PLANTARUM IN HORTO BOTANICO CULTARUM

Λ - Growing in collidaris

\* - Semina anno 2015 collecta

### PTERIDOPHYTES

			Name (The Plant List, 2017) / Synonim name
			<b>Anemiaceae / Schizaeaceae</b>
1.	Λ	*	<i>Anemia mexicana</i> Klotzsch
2.	Λ	*	<i>Anemia phyllitidis</i> (L.) Sw.
			<b>Aspleniaceae</b>

3.	Λ * <i>Asplenium bulbiferum</i> G. Forst
4.	Λ * <i>Asplenium flaccidum</i> Bonap. / <i>Asplenium poolii</i> var. <i>linearipinnatum</i> (Bonap.) C. Chr.
5.	Λ * <i>Asplenium lunulatum</i> Sw.
6.	Λ * <i>Asplenium nidus</i> L. / <i>Asplenium australasicum</i> (J.Sm.) Hook.
7.	Λ * <i>Asplenium nidus</i> L. cv. Osaca
8.	* <i>Asplenium scolopendrium</i> L. / <i>Phyllitis scolopendrium</i> (L.) Newman
9.	Λ * <i>Asplenium scolopendrium</i> var. <i>americanum</i> Fernald / <i>Phyllitis scolopendrium</i> var. <i>americanum</i> (Fernald) Kartesz et Gandhi
10.	Λ * <i>Asplenium serratum</i> L.
11.	<i>Asplenium trichomanes</i> L.
12.	* <i>Thamnopteris revillii</i> (Wall. ex Hook. & Grev.) T. Moore / <i>Asplenium revillei</i> Wall. ex Hook. & Grev.
 <b>Athyriaceae / Woodsiaceae</b> 	
13.	* <i>Allantodia crenata</i> (Sommerf.) Ching / <i>Allantodia</i> <i>crenata</i> var. <i>crenata</i>
14.	* <i>Athyrium filix-femina</i> (L.) Roth cv. <i>Corymbosum</i>
15.	* <i>Athyrium filix-femina</i> cv. <i>Fieldiae</i>
16.	<i>Athyrium filix-femina</i> cv. <i>Frizelleae Nanum</i>
17.	<i>Athyrium filix-femina</i> cv. <i>Multifidum</i>
18.	* <i>Athyrium filix-femina</i> cv. <i>Plumosum</i>
19.	<i>Athyrium filix-femina</i> cv. <i>Plumosum Cristatum</i>
20.	* <i>Athyrium filix-femina</i> cv. <i>Polyclados</i>
21.	* <i>Athyrium filix-femina</i> cv. <i>Purpureum Multidentatum</i>
22.	<i>Athyrium filix-femina</i> cv. <i>Sagittatum</i>
23.	* <i>Athyrium niponicum</i> (Mett.) Hance cv. <i>Metallicum</i>
24.	<i>Athyrium niponicum</i> (Mett.) Hance cv. <i>Ursula's Red</i>

		<i>Athyrium niponicum</i> (Mett.) Hance cv. Wildwood Twist
25.	*	<i>Athyrium sinense</i> Rupr.
26.	*	<i>Athyrium spinulosum</i> (Maxim.) Milde / <i>Pseudocystopteris spinulosa</i> (Maxim.) Ching
27.	*	<i>Athyrium yokoscense</i> (Franch. et Sav.) Christ
28.		<i>Deparia pycnosora</i> (Christ) M. Kato
29.		<i>Diplazium cristatum</i> (Desr.) Alston
30.	Λ *	<i>Diplazium nigropaleaceum</i> Kunze(unresolved)
31.	Λ *	<i>Diplazium proliferum</i> (Lam.) Thouars / <i>Diplazium proliferum</i> (Lam.) Kaulf.
32.	Λ *	<i>Diplazium sibiricum</i> (Turzh. ex Kunze) Sa. Kurata
33.	Λ *	<i>Diplazium subsinuatum</i> (Wall. ex Hook. & Grev.) Tagawa
34.		<i>Pseudocystopteris spinulosa</i> (Maxim.) Ching
35.		

**Blechnaceae**

	Λ *	<i>Blechnum auratum</i> (Fée) R.M. Tryon et Stolze
36.	Λ *	<i>Blechnum brasiliense</i> Desv. var. <i>corcovadense</i> Raddi cv. Crispum
37.	Λ *	<i>Blechnum gibbum</i> Mett. (unresolved)
38.	Λ *	<i>Blechnum medium</i> (R.Br.) Christenh. / <i>Doodia media</i> R. Br.
39.	Λ *	<i>Woodwardia orientalis</i> Sw.
40.		<i>Woodwardia unigemmata</i> (Makino) Nakai
41.		

**Cystopteridaceae**

	Λ	<i>Cystopteris fragilis</i> (L.) Bernh.
42.		

**Davalliaceae**

	Λ *	<i>Araiostegia divaricata</i> (Blume) M. Kato / <i>Davallia divaricata</i> Blume
43.	*	<i>Araiostegia divaricata</i> var. <i>formosana</i> (Hayata) M. Kato / <i>Davallia orientalis</i> C. Chr. ex Y.C. Wu, K. Wong et Pong
44.		

45.	Λ *	<i>Davallia dissecta</i> J.Sm.; Moore et Houlston(unresolved)
46.	Λ *	<i>Davallia teyermannii</i> Baker
47.	Λ *	<i>Scyphularia pentaphylla</i> (Blume) Fée / <i>Davallia pentaphylla</i> (Blume) Fée
<b>Dennstaedtiaceae</b>		
48.	Λ *	<i>Microlepia marginata</i> (Panz.) C. Chr.
49.	Λ *	<i>Microlepia platyphylla</i> (D.Don) J. Sm.
50.	Λ *	<i>Microlepia speluncae</i> (L.) T. Moore
<b>Dryopteridaceae / Aspidiaceae / Lomariopsidaceae</b>		
51.	*	<i>Arachniodes aristata</i> (G. Forst.) Tindale
52.		<i>Arachniodes aristata</i> (G. Forst.) Tindale cv.variegata
53.	*	<i>Arachniodes simulans</i> (Ching) Ching
54.	Λ *	<i>Cyrtomium caryotideum</i> (Wall. ex Hook. et Grev) C. Presl
55.	Λ *	<i>Cyrtomium falcatum</i> (L. f.) C. Presl
56.	Λ *	<i>Cyrtomium falcatum</i> cv. Rochfordianum
57.	Λ *	<i>Cyrtomium fortunei</i> Sm.
58.	Λ *	<i>Didymochlaena truncatula</i> (Sw.) Sm.
59.	*	<i>Dryopteris crassirhizoma</i> Nakai
60.	*	<i>Dryopteris filix-mas</i> (L.) Schott
61.	*	<i>Dryopteris filix-mas</i> cv. Barnesii
62.	*	<i>Dryopteris filix-mas</i> cv. Crispia
63.		<i>Dryopteris filix-mas</i> cv. Cristata Angustata
64.	*	<i>Dryopteris filix-mas</i> cv. Cristata nana
65.	*	<i>Dryopteris filix-mas</i> cv. Cristata Nartindole

	* <i>Dryopteris filix-mas</i> cv. <i>Linearis</i>
66.	
67.	* <i>Dryopteris filix-mas</i> cv. <i>Linearis Polydactilon</i>
68.	* <i>Dryopteris filix-mas</i> cv. <i>Nana</i>
69.	* <i>Dryopteris filix-mas</i> cv. <i>Squamulosa</i>
70.	* <i>Dryopteris goeringiana</i> (Kunze) Koidz.
71.	* <i>Dryopteris pseudomas</i> cv. <i>Cristata Angustata</i>
72.	* <i>Dryopteris pseudomas</i> cv. <i>Furcata</i>
73.	Λ * <i>Dryopteris setosa</i> (Thunb.) Akas. / <i>Dryopteris bissetiana</i> (Baker) C. Chr.
74.	Λ * <i>Polystichum luctuosum</i> (Kunze) T. Moore / <i>Polystichum tsus-simense</i> (Hook.) J. Sm.
75.	Λ * <i>Polystichum polyblepharum</i> (Roem. ex Kunze) C. Presl
76.	Λ * <i>Polystichum setiferum</i> (Forssk.) T. Moore ex Woyn. cv. <i>Plumosum Densum</i>
77.	* <i>Polystichum tripterion</i> (Kunze) C. Presl
<hr/>	
<b>Nephrolepidaceae / Davalliaceae / Oleandraceae</b>	
78.	Λ * <i>Nephrolepis bisserata</i> (Sw.) Schott
79.	Λ * <i>Nephrolepis cordifolia</i> (L.) C. Presl
80.	Λ * <i>Nephrolepis exaltata</i> (L.) Schott
81.	Λ * <i>Nephrolepis exaltata</i> (L.) Schott cv. <i>Magnifica</i>
<hr/>	
<b>Onocleaceae / Woodseaceae</b>	
82.	<i>Onoclea sensibilis</i> L.
<hr/>	
<b>Osmundaceae</b>	
83.	Λ * <i>Osmunda japonica</i> Thunb.
84.	* <i>Osmunda regalis</i> L.
85.	* <i>Osmundastrum claytonianum</i> L.
<hr/>	

<b>Polypodiaceae</b>		
<b>86.</b>	Λ *	<i>Aglaomorpha coronans</i> (Wall.ex Mett.) Copel.
<b>87.</b>	Λ *	<i>Aglaomorpha meyeniana</i> Schott
<b>88.</b>	Λ *	<i>Campyloneurum angustifolium</i> Fée
<b>89.</b>	Λ *	<i>Campyloneurum phyllitidis</i> (L.) C. Presl.
<b>90.</b>	Λ *	<i>Colysis elliptica</i> (Thunb.) Ching
<b>91.</b>	*	<i>Colysis pedunculata</i> (Hook. & Grev.) Ching
<b>92.</b>	Λ *	<i>Drynaria bonnii</i> Christ / <i>Drynaria bonnii</i> H.Christ
<b>93.</b>	Λ *	<i>Drynaria parishii</i> (Bedd.) Bedd. / <i>Drynaria parishii</i> (Bedd.) C. Chr.
<b>94.</b>	Λ *	<i>Drynaria sparsisora</i> (Desv.) T. Moore
<b>95.</b>	Λ *	<i>Drynaria volkensii</i> Hieron. (unresolved)
<b>96.</b>	Λ *	<i>Drynaria willdenowii</i> (Bory) T. Moore
<b>97.</b>	Λ *	<i>Lepisorus bicolor</i> (Takeda) Ching
<b>98.</b>	Λ *	<i>Microgramma piloselloides</i> (L.) Copel.
<b>99.</b>	Λ *	<i>Microsorum fortunei</i> (T. Moore) Ching
<b>100.</b>	Λ *	<i>Microsorum musifolium</i> Copel. / <i>Microsorum musifolium</i> (Blume) Copel. (unresolved)
<b>101.</b>	Λ *	<i>Microsorum punctatum</i> (L.) Copel.
<b>102.</b>	*	<i>Microsorum punctatum</i> (L.) Copel. cv. Ramo-Cristatum
<b>103.</b>	Λ *	<i>Niphidium crassifolium</i> (L.) Lellinger
<b>104.</b>	Λ *	<i>Phlebodium aureum</i> (L.) J. Sm.
<b>105.</b>	Λ *	<i>Phlebodium aureum</i> cv. Glaucum
<b>106.</b>	Λ *	<i>Phlebodium aureum</i> cv. Mandianum
<b>107.</b>	Λ *	<i>Phlebodium decumanum</i> (Willd) J. Sm.
<b>108.</b>	Λ *	<i>Phymatosorus cuspidatus</i> (D. Don) Pic. Serm. / <i>Phymatosorus lucidus</i> (Roxb.) Pic. Serm.

109.	Λ *	<i>Phymatosorus membranifolium</i> (R. Br.) S.G. Lu / <i>Phymatosorus nigrescens</i> (Blume) Pic. Serm.
110.	Λ *	<i>Phymatosorus scandens</i> (G. Forst.) Pic. Ser.
111.	Λ *	<i>Platycerium bifurcatum</i> (Cav.) C. Chr.
112.	Λ *	<i>Platycerium x lemoinei</i> hort (unresolved)
113.	Λ *	<i>Polypodiodes amoena</i> (Wall. ex Mett.) Ching / <i>Polypodium amoenum</i> Wall. / <i>Goniophlebium amoenum</i> (Mett.) Bedd.
114.	Λ *	<i>Polypodium formosana</i> (Baker) Ching / <i>Polypodiodes formosanum</i> Baker
115.	*	<i>Polypodium interjectum</i> Shivas cv. Cornubiense
116.	Λ *	<i>Polypodium pellucidum</i> Kaulf.
117.	Λ *	<i>Polypodium thyssanolepis</i> A.Braun ex Klotzsch / <i>Pleopeltis thyssanolepis</i> (A.Braun ex Klotzsch) E.G.Andrews et Windharm.
118.		<i>Polypodium vulgare</i> L.
119.	Λ *	<i>Pyrrosia angustata</i> (Sw.) Ching
120.	Λ *	<i>Pyrrosia longifolia</i> (Burm. f.) C.V. Morton / <i>Pyrrosia longifolia</i> (Burm. f.) Morton
121.	Λ	<i>Pyrrosia polydactylis</i> (Hance) Ching
122.	Λ *	<i>Schellolepis subauriculata</i> (Blume) J. Sm. / <i>Goniophlebium subauriculatum</i> (Blume) C. Presl
123.	Λ *	<i>Serpocaulon attenuatum</i> (C. Presl) A.R. Sm. / <i>Goniophlebium attenuatum</i> (Willd.) C. Presl
124.	Λ *	<i>Serpocaulon triseriale</i> (Sw.) A.R. Sm. / <i>Goniophlebium triseriale</i> (Sw.) Wherry
125.	Λ *	<i>Serpocaulon triseriale</i> (Sw.) A.R. Sm. cv. Cristatum / <i>Goniophlebium triseriale</i> (Sw.) Wherry cv. Cristatum
126.	*	<i>Terpsichore taxifolia</i> (L.) A.R. Sm. / <i>Ctenopteris taxifolia</i> (L.) Copel.

**Pteridaceae / Adiantaceae**

127.		<i>Adiantum caudatum</i> L.
128.	Λ *	<i>Adiantum hispidulum</i> Sw.
129.	Λ *	<i>Adiantum hispidulum</i> Sw. cv. Bronze-venus
130.		<i>Adiantum pedatum</i> L.

		<i>Adiantum pedatum</i> cv. Imbricatum
131.		
	Λ	<i>Adiantum polypodium</i> Willd.
132.		
	*	<i>Adiantum raddianum</i> C. Presl / <i>Adiantum cuneatum</i> Langsd. et Fisch.
133.		
	*	<i>Adiantum raddianum</i> C. Presl cv. Fragrantissimum / <i>Adiantum cuneatum</i> cv. Fragrantissimum
134.		
		<i>Adiantum tenerum</i> Sw. v. fergusons
135.		
	Λ	<i>Adiantum trapeziforme</i> L.
136.		
	*	<i>Adiantum venustum</i> D. Don
137.		
	Λ *	<i>Coniogramme pilosa</i> (Brack.) Hieron.
138.		
	Λ	<i>Hemionitis palmata</i> L.
139.		
	Λ *	<i>Pellaea falcata</i> Fée (unresolved)
140.		
	Λ *	<i>Pellaea ovata</i> (Desv.) Weath. / <i>Pellaea flexuosa</i> (Kaulf. ex Schleidl. et Cham.) Link
141.		
	Λ *	<i>Pellaea sagittata</i> (Cav.) Link
142.		
	Λ *	<i>Pteris cretica</i> L.
143.		
	Λ *	<i>Pteris cretica</i> L. cv. Albo-lineata
144.		
	Λ *	<i>Pteris cretica</i> L. cv. Gaulteri
145.		
	Λ *	<i>Pteris cretica</i> L. cv. Parkeri
146.		
	Λ *	<i>Pteris cretica</i> L. cv. Rivertoniana
147.		
	Λ *	<i>Pteris ensiformis</i> Burm. f.
148.		
	Λ *	<i>Pteris fauriei</i> Hieron.
149.		
	Λ *	<i>Pteris palustris</i> Poir.
150.		

		<b>Tectariaceae / Dryopteridaceae</b>
151.		
	Λ *	<i>Aspidium crenatum</i> (Cav.) Ching / <i>Tectaria crenata</i> Cav.
152.		
	Λ *	<i>Tectaria gemmifera</i> (Fée) Alston
153.		
	Λ *	<i>Tectaria fimbriata</i> (Willd.) Proctor et Lourteig

154.	Λ * <i>Tectaria heracleifolia</i> (Willd.) Underw
155.	Λ * <i>Tectaria incisa</i> Cav.
156.	Λ * <i>Tectaria pedata</i> (Desv.) R.M. Tryon et A.F. Tryon / <i>Dryopteris pedata</i> (Desv.) Kuntze
157.	Λ * <i>Tectaria yunnanensis</i> (Baker) Ching

	<b>Thelypteridaceae / Thelypteridaceae / Dryopteridaceae</b>
158.	Λ * <i>Christella serra</i> (Sw.) Pic. Serm. / <i>Dryopteris serra</i> (Sw.) Kuntze
159.	Λ * <i>Christella subpubescens</i> (Blume) Holttum / <i>Cyclosorus subpubescens</i> Blume
160.	Λ * <i>Macrothelypteris torresiana</i> (Gaudich.) Ching
161.	Λ * <i>Pneumatopteris truncata</i> (Poir.) Holttum
162.	Λ * <i>Pronephrium gymnopteridifrons</i> (Hayata) Holttum
163.	Λ * <i>Pronephrium penangianum</i> (Hook.) Holttum / <i>Polypodium penangianum</i> Hook. (unresolved)
164.	Λ * <i>Thelypteris kunthii</i> (Desv.) C.V. Morton / <i>Thelypteris kunthii</i> (Desv.) C.B. Morton

	<b>Woodseaceae / Athyriaceae</b>
165.	* <i>Woodsia ilvensis</i> (L.) R. Br.

## GYMNOSPERMS & ANGIOSPERMS

	<b>Acanthaceae</b>
166.	Acanthus mollis L.

	<b>Actinidiaceae</b>
167.	Actinidia arguta (Siebold & Zucc.) Planch. ex Miq.
168.	Actinidia kolomikta (Rupr. & Maxim.) Maxim.

	<b>Adoxaceae / Sambucaceae / Viburnaceae</b>
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169.	* <i>Sambucus ebulus</i> L.
170.	<i>Sambucus nigra</i> L.
171.	* <i>Sambucus miquelii</i> (Nakai) Kom.
172.	* <i>Viburnum burejaeticum</i> Regel et Herd.
173.	<i>Viburnum opulus</i> L.
174.	<i>Viburnum opulus</i> L subsp. <i>trilobium</i> (Marshall) R.T.Clausen
175.	<i>Viburnum sargentii</i> Koehne
176.	<i>Viburnum wrightii</i> Miq.
<b>Aizoaceae</b>	
177.	^ * <i>Carruanthus ringens</i> (L.) Boom
178.	<i>Conophytum bilobum</i> (Marlot) N.E.Br.
179.	^ * <i>Ebracteola montis-moltkei</i> (Dinter) Dinter et Schwantes
180.	^ <i>Glottiphyllum longum</i> N.E.Br.
181.	^ * <i>Glottiphyllum regium</i> N.E.Br.
182.	<i>Lithops aucampiae</i> L. Bolus
183.	^ <i>Lithops bella</i> N.E.Br.
184.	^ <i>Lithops bromfieldii</i> L. Bolus / <i>Lithops bromfieldii</i> var. glaudinae
185.	^ <i>Lithops bromfieldii</i> L. Bolus / <i>Lithops bromfieldii</i> var. <i>insularis</i> (L. Bolus) Fearn
186.	^ <i>Lithops dinteri</i> Schwantes
187.	<i>Lithops dorotheae</i> Nel.
188.	<i>Lithops erniana</i> v. <i>aiaensis</i> De Boer / <i>Lithops</i> <i>karasmontana</i> v. <i>aiaensis</i> (De Boer) D.T. Cole
189.	<i>Lithops fulleri</i> N. E. Br
190.	^ <i>Lithops fulviceps</i> N. E. Br.
191.	<i>Lithops gesiniae</i> do Boer

192.	^	Lithops gesiniae do Boer var. Annae
193.	^ *	Lithops helmutii L. Bolus
194.	^ *	Lithops herrei L. Bolus
195.	^	Lithops karasmontana N. E. Br.
196.	^ *	Lithops karasmontana N. E. Br. / Lithops karasmontana var. bella
197.		Lithops karasmontana N. E. Br. var. lericheana (Dint. & Schwant.) Cole
198.	^	Lithops lesliei (N.E.Br.) N.E.Br.
199.		Lithops lesliei (N.E.Br.) N.E.Br. var. minor De Boer
200.		Lithops lesliei (N.E.Br.) N.E.Br. var. venteri (Nel) De Boer & Boom
201.	^	Lithops localis Schwantes
202.	^	Lithops marmorata N. E. Br.
203.	^	Lithops olivacea L. Bolus
204.	^	Lithops pseudotruncatella N.E.Br.
205.	^ *	Lithops pseudotruncatella N.E.Br. / Lithops pseudotruncatella var. alpina
206.	^ *	Lithops pseudotruncatella N.E.Br. / Lithops pseudotruncatella var. dendvitica
207.		Lithops pseudotruncatella N.E.Br. / Lithops pseudotruncatella N.E.Br. var.volpii
208.		Lithops salicola L. Bolus
209.	^	Lithops schwantesii Dinter / Lithops schwantesii L. Bolus (unresolved)
210.		Lithops schwantesii Dinter / Lithops schwantesii Dinter var.urikosensis
211.	^	Lithops turbiniformis N. E. Br.
212.	*	Lithops turbiniformis N. E. Br. / Lithops turbiniformis var. maculata
213.		Lithops turbiniformis N. E. Br. / Lithops turbiniformis var. marginata
214.	^	Lithops villetii L. Bolus
215.	^ *	Mesembryanthemum lancifolium (L.Bolus) Klak / Aptenia lancifolia L.Bolus

216.	^ * Mesembryanthemum turbiniforme Haw. / Lithops turbiniformis N.E.Br. Some data suggest that it is synonymous (unresolved)
217.	^ * Mestoklema macrorrhiza (DC.) Schwantes / Mestoklema macrorrhiza (DC.) Schwantes (unresolved)
218.	^ * Ophthalmophyllum friedrichiae (Dinter) Dinter et Schwantes
219.	^ * Trichodiadema barbatum (L.) Schwantes
<b>Amaryllidaceae / Alliaceae</b>	
220.	Allium aflatunense B. Fedtsch.
221.	Allium amplexens Torr.
222.	Allium altaicum Pall.
223.	Allium angulosum L.
224.	Allium caeruleum Pall. var. bulbiferum Ledeb.
225.	Allium cernuum Roth
226.	Allium cyathophorum Bureau et Franch. var. farreri (Stearn) Stearn
227.	* Allium decipiens Fisch. ex Schult. et Schult. f.
228.	Allium denudatum F. Delaroche / Allium albidum Fisch. ex M. Bieb.
229.	Allium flavum L.
230.	Allium hymenorhizum Ledeb.
231.	Allium kunthianum Vved.
232.	Allium ledebourianum Schult. & Schult.f. var. roseum
233.	Allium lineare L.
234.	Allium moly L.
235.	Allium nutans L.
236.	Allium obliquum L.

	Allium ochotense Prokh.
237.	
	Allium paczoskianum Tuzs.
238.	
	Allium paniculatum L.
239.	
	Allium paradoxum (M.Bieb.) G.Don
240.	
	Allium pseudoflavum Vved.
241.	
	Allium pskemense B.Fedtsch.
242.	
	Allium ramosum L.
243.	
*	Allium rotundum L.
244.	
	Allium sativum L.
245.	
	Allium saxatile M. Bieb. / Allium globosum M. Bieb. ex DC.
246.	
	Allium schoenoprasum L. / Allium sibiricum L.
247.	
*	Allium siculum Ucria / Nectaroscordum siculum (Ucria) Lindl.
248.	
*	Allium siculum subsp. dioscoridis (Sm.) K.Richt. / Nectaroscordum siculum (Ucria) Lindl. subsp. bulgaricum (Janka) Stearn, Nectaroscordum meliophilum (Juz.) Zahar.
	*
249.	Allium sikkimense Bekker
250.	
	Allium spharerocephalon L.
251.	
	Allium stipitatum Regel
252.	
	Allium ramosum L.
253.	
*	Allium ursinum L.
254.	
	Allium victorialis L.
255.	
	Allium vineale L.
256.	
	Allium zebdanense Boiss. & Noë
257.	
	<b>Anacampserotaceae</b>
258.	^ Anacampseros namaquensis H.Pearson & Stephens

	^	Anacampseros telephastrum DC.
259.		
	^	Anacampseros tomentosa A.Berger
260.		
		<b>Anacardiaceae</b>
		Cotinus coggygria Scop.
261.		
		<b>Annonaceae</b>
	^ *	Polyalthia suberosa (Roxb.) Thwaites
262.		
		<b>Apiaceae</b>
		Aethusa synapium L.
263.		
		Angelica cincta H.Boissieu
264.		
		Astrantia major L.
265.		
		Astrantia major cv. Primadonna
266.		
		Cnidium dubium Thell.
267.		
		Conium maculatum L.
268.		
	*	Coriandrum sativum L.
269.		
		Eryngium maritimum L.
270.		
		Eryngium planum L.
271.		
	*	Heracleum ponticum (Lipsky) Schischk. ex Grassh.
272.		
		Laser trilobum (L.) Borkh.
273.		
	*	Meum athamanticum Jacq.
274.		
		Myrrhis odorata (L.) Scop.
275.		
		Pastinaca sativa L.
276.		
		Peucedanum morisonii Bess.
277.		
		Pimpinella saxifraga L.
278.		

	Prangos pabularia Lindl.
<b>279.</b>	
<b>Apocynaceae / Asclepiadaceae</b>	
<b>280.</b>	^ Acokanthera oppositifolia (Lam.) Codd
<b>281.</b>	^ Alyxia gynopogon Roem. et Schult. / Alyxia daphnoides A. Cunn
<b>282.</b>	^ Alyxia ruscifolia R. Br.
<b>283.</b>	Amsonia illustris Woodson
<b>284.</b>	Amsonia tabernaemontana Walter
<b>285.</b>	Apocynum androsaemifolium L.
<b>286.</b>	Asclepias syriaca L.
<b>287.</b>	Vincetoxicum hirundinaria Medik.
<b>288.</b>	Vincetoxicum rossicum (Kleopow) Barbar.
<b>Aquifoliaceae</b>	
<b>289.</b>	^ Ilex aquifolium L.
<b>290.</b>	^ * Ilex colchica Pojark.
<b>291.</b>	^ Ilex verticillata (L.) A. Gray
<b>Araceae</b>	
<b>292.</b>	* Arisaema amurense Maxim.
<b>293.</b>	Arisaema amurense Maxim. / Arisaema robustum (Engl.) Nakai
<b>294.</b>	Arisaema serratum (Thunb.) Schott / Arisaema japonicum Blume
<b>295.</b>	Symplocarpus renifolius Schott ex Tzvel.
<b>Arecaceae</b>	
<b>296.</b>	^ Archontophoenix cunninghamii H. Wendl et Drude
<b>297.</b>	^ Caryota urens L.

298.	Chamaedorea radicalis Mart. ^
299.	Heritiera macrophylla Wall. ex Kuz. ^
300.	Howea forsteriana (F.Muell.) Becc. ^
301.	Ptychosperma elegans (R.Br.) Blume ^
302.	Sabal palmetto (Walter) Lodd. ex Schult. & Schult.f. ^
303.	Syagrus romanzoffiana (Cham.) Glassman ^
304.	Trachycarpus fortunei (Hook.) H.Wendl. ^
<hr/>	
<b>Araliaceae</b>	
305.	Aralia continentalis Kitag.
306.	Aralia racemosa L.
307.	Eleutherococcus divaricatus (Siebold & Zucc.) S.Y.Hu / Acanthopanax divaricatus (Siebold & Zucc.) Seem.
308.	Eleutherococcus senticosus (Rupr. et Maxim.) Maxim.
309.	Fatsia japonica (Thunb.) Decne. et Planch. ^
<hr/>	
<b>Aristolochiaceae</b>	
310.	Aristolochia clematitis L.
311.	Aristolochia kaempferi Willd. ^
312.	Aristolochia littoralis Parodi / Aristolochia elegans Mast. ^
313.	Aristolochia macrophylla Lam.
314.	Aristolochia mansuriensis Kom.
<hr/>	
<b>Asparagaceae</b>	
/ Aloaceae / Asphodelaceae / Convallariaceae / Xanthorrhoeaceae	
315.	Anthericum liliago L.
316.	Anthericum ramosum L.

^	Arthropodium candidum Raoul
<b>317.</b>	
318.	Arthropodium cirratum (G.Forst.) R.Br.
319.	* Asphodelus albus Mill.
<b>320.</b>	Barnardia japonica (Thunb.) Schult. & Schult.f. / Scilla scilloides (Lindl.) Drucecv
<b>321.</b>	Bellevalia paradoxa (Fisch. et C.A.Mey.) Boiss. / Bellevalia pyctantha (K.Koch) Losinsk / Muscari paradoxum (Fisch. et C.A.Mey.) K.Koch
<b>322.</b>	Bellevalia romana (L.) Sweet
<b>323.</b>	Brimeura amethystina (L.) Chouard. f.f. alba
<b>324.</b>	* Camassia leichtlinii (Baker) S. Watson
<b>325.</b>	Convallaria majalis L.
<b>326.</b>	* Disporum smilacinum A. Gray.
<b>327.</b>	Hosta crispula cv. Thomas Hoog
<b>328.</b>	Hosta fluctuans F. Maekawa
<b>329.</b>	Hosta hybrida hort cv. Nevka
<b>330.</b>	Hosta longipes (Franch. & Sav.) Matsum. v. brevifolia
<b>331.</b>	Hosta minor (Baker) Nakai
<b>332.</b>	* Hosta rectifolia Nakai
<b>333.</b>	Hosta sieboldiana (Hook.) Engler
<b>334.</b>	Hosta sieboldiana (Hook.) Engler / Hosta elata Hyl.
<b>335.</b>	Hosta sieboldiana var. elegans Hyl.
<b>336.</b>	Hosta ventricosa Stearn
<b>337.</b>	* Hyacinthoides hispanica (Mill.) Rothm.
<b>338.</b>	* Hyacinthoides hispanica (Mill.) Rothm. cv. Rose Queen
<b>339.</b>	* Kniphofia uvaria (L.) Oken

	*	<i>Leopoldia comosa</i> (L.) Parl.
<b>340.</b>		
		<i>Maianthemum stellatum</i> (L.) Link / <i>Smilacina stellata</i> (L.) Desf.
<b>341.</b>		
		<i>Muscari armeniacum</i> Leichtl. ex Baker
<b>342.</b>		
		<i>Muscari aucheri</i> (Boiss.) Baker
<b>343.</b>		
		<i>Muscari aucheri</i> (Boiss.) Baker cv. Ocean majic
<b>344.</b>		
		<i>Muscari dolichanthum</i> Woronow et Tron
<b>345.</b>		
		<i>Muscari latifolium</i> Kirk.
<b>346.</b>		
		<i>Muscari neglectum</i> Guss.
<b>347.</b>		
		<i>Ornithogalum arcuatum</i> Steven
<b>348.</b>		
		<i>Ornithogalum magnum</i> Krasch. et Schischk.
<b>349.</b>		
		<i>Ornithogalum ponticum</i> Zahar.
<b>350.</b>		
	^	<i>Ornithogalum viridiflorum</i> (I.Verd.) J.C.Manning et Goldblatt / <i>Galtonia viridiflora</i> Verdoorn
<b>351.</b>		
		<i>Paradisea liliastrum</i> (L.) Bertol.
<b>352.</b>		
		<i>Scilla litardierei</i> Breistr.
<b>353.</b>		
		<i>Scilla mischtschenkoana</i> Grassh.
<b>354.</b>		
		<i>Schizobasis intricata</i> (Baker) Baker
<b>355.</b>		
		<i>Veltheimia capensis</i> (L.) DC. / <i>Veltheimia viridifolia</i> Jacq.
<b>356.</b>		
		<b>Berberidaceae</b>
<b>357.</b>		<i>Berberis koreana</i> Palib.
<b>358.</b>	*	<i>Berberis vulgaris</i> L.
<b>359.</b>		<i>Berberis vulgaris</i> L. f. <i>purpurea</i> hort.
<b>360.</b>	^	<i>Mahonia nepalensis</i>
<b>361.</b>		<i>Sinopodophyllum hexandrum</i> (Royle) T.S.Ying / <i>Podophyllum emodi</i> Wall. ex Hook.f. & Thomson
<b>362.</b>	*	<i>Sinopodophyllum hexandrum</i> (Royle) T.S. Ying / <i>Podophyllum hexandrum</i> Royle var. <i>emodi</i> Selivan.

**Betulaceae**

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- 363.** *Alnus alnobetula* subsp. *fruticosa* (Rupr.) Raus / *Duschekia fruticosa* (Rupr.) Pouzar
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- 364.** *Alnus alnobetula* subsp. *sinuata* (Regel) Raus / *Alnus viridis* var. *sinuata* Regel
- 
- 365.** *Alnus maximowiczii* Callier / *Duschekia maximowiczii* (Callier) Pouzar
- 
- 366.** *Alnus incana* (L.) Moench
- 
- 367.** *Betula alleghaniensis* Britton
- 
- 368.** *Betula costata* Trautv.
- 
- 369.** *Betula lanata* (Regel) V.N.Vassil.
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- 370.** *Betula lenta* var. *grossa* (Siebold & Zucc.) Regel / *Betula grossa*(Siebold & Zucc.) Regel
- 
- 371.** \* *Betula x kusmisscheffii* (Regel) Sukaczev
- 
- 372.** *Betula papyrifera* Marshall
- 
- 373.** \* *Carpinus betulus* L.
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**Boraginaceae**

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- 374.** ^ \* *Cordia myxa* L.
- 
- 375.** *Echium vilgare* L.
- 
- 376.** *Lithospermum erythrorizon* Siebold et Zucc.
- 
- 377.** *Lithospermum officinale* L.
- 
- 378.** \* *Onosma simplicissima* L.
- 
- 379.** *Symphytum asperum* Lepechin.
- 
- 380.** *Symphytum officinale* L. f. *flore alba*
- 
- 381.** *Symphytum peregrina* Ledeb.
- 

**Brassicaceae**

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- 382.** \* *Alyssum montanum* subsp. *gmelinii* (Jord.) Hegi & Em.Schmid
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	*	<i>Alyssum obtusifolium</i> Steven ex DC.
383.		<i>Bunias orientalis</i> L.
384.		<i>Capsella bursa-pastoris</i> (L.) Medik.
385.		<i>Crambe cordifolia</i> Steven
386.		<i>Crambe maritima</i> L.
387.		<i>Hesperis matronalis</i> L.
388.		<i>Hesperis lutea</i> Maxim.
389.		<i>Hornungia alpina</i> (L.) O.Appel / <i>Hornungia alpina</i> subsp. <i>alpina</i>
390.	*	<i>Iberis gibraltarica</i> L.
391.	*	<i>Iberis sempervirens</i> L.
392.		<i>Lepidium latifolium</i> L.
393.		<i>Lunaria rediviva</i> L.
394.		
<b>Bromeliaceae</b>		
395.		<i>Billbergia magnifica</i> Mez
396.		<i>Billbergia viridiflora</i> H.Wendl.
397.		<i>Billbergia zebrina</i> (Herb.) Lindl.
398.		<i>Catopsis sessiliflora</i> (Ruiz & Pav.) Mez
399.	*	<i>Puya chilensis</i> Molina
400.		<i>Puya mirabilis</i> (Mez) L.B.Sm.
<b>Cactaceae</b>		
401.	^	<i>Astrophytum capricorne</i> (A.Dietr.) Britton & Rose. / <i>Astrophytum senile</i> Fric
402.	^	<i>Astrophytum myriostigma</i> Lem. var. <i>columnare</i> (K.Schum.) Fric. / <i>Astrophytum columnare</i> (K.Schum.) Sadovsky et Schutz
403.	^	<i>Astrophytum myriostigma</i> Lem.

<b>404.</b>	^	<i>Astrophytum myriostigma</i> Lem. / <i>Astrophytum columnare</i> (K.Schum.) Sadovsky & Schütz
<b>405.</b>	^ **	<i>Astrophytum myriostigma</i> Lem. / <i>Astrophytum myriostigma</i> var. <i>potosinum</i> (H.Moeller) Kreuz.
<b>406.</b>	^	<i>Astrophytum myriostigma</i> Lem. var. <i>strongylogonum</i> Backeb. <i>f. nudum</i>
<b>407.</b>	^ **	<i>Astrophytum myriostigma</i> Lem. var. <i>tulense</i> Frič. / <i>Astrophytum myriostigma</i> subsp. <i>tulense</i> K.Kayser
<b>408.</b>	^	<i>Astrophytum ornatum</i> (DC.) Britton et Rose
<b>409.</b>	^	<i>Astrophytum ornatum</i> (DC.) Britton et Rose var. <i>glabrescens</i> (Web.) Okum.
<b>410.</b>	^ *	<i>Astrophytum ornatum</i> (DC.) Britton et Rose var. <i>mirbelii</i> Frič / <i>Astrophytum ornatum</i> (DC.) Britton et Rose <i>f. mirbelii</i> (Lem.) Krainz.
<b>411.</b>	^ *	<i>Astrophytum ornatum</i> (DC.) Britton et Rose ( <i>hortus hybridus</i> )
<b>412.</b>		<i>Astrophytum ornatum</i> x <i>Astrophytum myriostigma</i>
<b>413.</b>	^	<i>Aylostera albiflora</i> (F.Ritter) Backeb.
<b>414.</b>	^ *	<i>Aylostera albipilosa</i> (F.Ritter) Backeb.
<b>415.</b>	^	<i>Aylostera fiebrigii</i> (Gürke) Backeb. / <i>Aylostera donaldiana</i>
<b>416.</b>		<i>Aylostera fiebrigii</i> (Gürke) Backeb.
<b>417.</b>		<i>Aylostera fiebrigii</i> (Gürke) Backeb. var. <i>densiseta</i>
<b>418.</b>	*	<i>Aylostera kieslingii</i> (Rausch) Walter Haage / <i>Rebutia kieslingii</i> Rausch
<b>419.</b>	^ *	<i>Aylostera kupperiana</i> (Boed.) Backeb.
<b>420.</b>	^ *	<i>Aylostera muscula</i> (F.Ritter et Thiele) Backeb.
<b>421.</b>	^ **	<i>Aylostera narvaecense</i> Cárdenas / <i>Aylostera narvaecensis</i> Cárdenas
<b>422.</b>	^	<i>Aylostera pseudodeminuta</i> (Backeb.) Backeb.
<b>423.</b>	^	<i>Aylostera pseudodeminuta</i> var. <i>grandiflora</i> Backeb.
<b>424.</b>	^ **	<i>Aylostera pseudominuscula</i> (Speg.) Speg.
<b>425.</b>	^	<i>Aylostera robustispina</i> (No name)
<b>426.</b>	^	<i>Aylostera spergazziniana</i> (Backeb.) Backeb.

427.	^	<i>Aylostera spinosissima</i> (Backeb.) Backeb.
428.	^ *	<i>Blossfeldia liliputana</i> Werderm.
429.	^ *	<i>Cactus intertextus</i> Kuntze / <i>Mammillaria intertexta</i> DC. (unresolved)
430.	^ *	<i>Cactus muehlenpfordtii</i> Kuntze / <i>Mammillaria muehlenpfordtii</i> Foerster
431.	^	<i>Cleistocactus smaragdiflorus</i> (F. A. C. Weber) Britton et Rose / <i>Cleistocactus smaragdiflorus</i> (Webb) Britton et Rose
432.	^	<i>Copiapoa humilis</i> (Phil.) Hutch.
433.	^ *	<i>Copiapoa humilis</i> var. <i>longispina</i> (F.Ritter) A.E.Hoffm.
434.	^	<i>Copiapoa humilis</i> subsp. <i>tenuissima</i> (F.Ritter ex D.R.Hunt) D.R.Hunt / <i>Copiapoa tenuissima</i> F.Ritter
435.	^ **	<i>Copiapoa hypogaea</i> F.Ritter / <i>Copiapoa hypogaea</i> var. <i>barquitensis</i> F.Ritter
436.	^ **	<i>Copiapoa montana</i> F.Ritter
437.	^	<i>Coryphantha cornifera</i> (DC.) Lem.
438.	^	<i>Coryphantha cornifera</i> (DC.) Lem. / <i>Coryphantha impexicoma</i> Lem. ex C.F.Först.
439.	^	<i>Coryphantha odorata</i> Boed.
440.	^	<i>Coryphantha odorata</i> Boed. / <i>Neolloydia odorata</i> (Boed.) Backeb.
441.	^	<i>Digitorebutia gracilispina</i> (unresolved)
442.	^	<i>Dolichothele longimamma</i> (DC.) Britton & Rose
443.	^	<i>Digitorebutia gracilispina</i> (No name)
444.	^	<i>Disocactus biformis</i> (Lindl.) Lindl.
445.	^ **	<i>Echinofossulocactus caespitosus</i> Backeb. / <i>Stenocactus caespitosus</i> Backeb. (unresolved)
446.	^	<i>Echinopsis backebergii</i> Werderm. / <i>Lobivia backebergii</i> (Werderm.) Backeb.
447.	^ **	<i>Echinopsis calliantholilacina</i> Cárdenas
448.	^ **	<i>Echinopsis calochlora</i> K.Schum.
449.	^ **	<i>Echinopsis hertrichiana</i> (Backeb.) D.R.Hunt / <i>Lobivia allegraiana</i> Backeb.

450.	^ **	<i>Echinopsis hertrichiana</i> (Backeb.) D.R.Hunt / <i>Lobivia hertrichiana</i> Backeb.
451.	^	<i>Echinopsis imbricata</i> (No name)
452.	^ **	<i>Echinopsis leucantha</i> (Gillies ex Salm-Dyck) Walp.
453.	^ **	<i>Echinopsis marsonerii</i> Werderm. / <i>Lobivia jajoiana</i> Backeb.
454.	^ **	<i>Echinopsis pentlandii</i> (Hook.) Salm-Dyck ex A.Dietr. / <i>Lobivia aculeata</i> Buining
455.	^ **	<i>Echinopsis tubiflora</i> (Pfeiff.) Zucc. ex A.Dietr.
456.	^ **	<i>Eriocactus magnificus</i> F.Ritter
457.	^ **	<i>Eriosyce paucicostata</i> (F.Ritter) Ferryman / <i>Neochilenia hankeana</i> (Forster) Dolez. ex Backeb.
458.	^ **	<i>Eriosyce recondita</i> (F. Ritter) Katt. / <i>Reicheocactus floribundus</i> Backeb.
459.	^ **	<i>Eriosyce villosa</i> (Monv.) Katt. / <i>Neoporteria laniceps</i> F. Ritter
460.	^	<i>Ferocactus echidne</i> (DC.) Britton et Rose
461.	^ **	<i>Frailea gracillima</i> (Monv. ex Lem.) Britton et Rose
462.	^	<i>Frailea pumila</i> (Lem.) Britton et Rose / <i>Frailea colombiana</i> (Werderm.) Backeb.
463.	^	<i>Frailea schilinzkyana</i> (F. Haage) Britton et Rose
464.	^ **	<i>Gymnocalycium denudatum</i> (Link et Otto) Pfeiff. ex Mittler
465.	^ **	<i>Harrisia pomanensis</i> (F.A.C.Weber ex K. Schum.) Britton et Rose / <i>Eriocereus pomanensis</i> (K.Schum.) A. Berger. <i>Eriocereus pomanensis</i> (Webb) A. Berger
466.	^	<i>Helianthocereus grandiflorus</i> (Britton & Rose) Backeb. / <i>Lobivia grandiflora</i> Britton et Rose
467.	^	<i>Lepismium cruciforme</i> (Vell.) Miq. var. <i>anceps</i> (F.A.C.Webber) Supplie
468.	^ **	<i>Lobivia backebergii</i> var. <i>wrightiana</i> (Backeb.) Rausch / <i>Lobivia wrightiana</i> Backeb.
469.	^ **	<i>Lobivia caineana</i> Cárdenas
470.	^ **	<i>Lobivia haematantha</i> var. <i>cachensis</i> (Speg.) J. Ullmann / <i>Lobivia cachensis</i> (Speg.) Britton & Rose
471.	^ **	<i>Lobivia jajoiana</i> Backeb.
472.	^ **	<i>Lobivia leucorhodon</i> Backeb.

473.	^      **	Lobivia ollochea (No name)
474.	^      **	Lobivia pygmaea (R.E.Fr.) Backeb. / Lobivia orurensis Backeb.
475.	^      **	Lobivia pygmaea (R.E.Fr.) Backeb. / Mediolobivia pygmaea (R. E. Fries) Krainz.
476.	^      **	Lobivia tiegeliana Wessner
477.	^      **	Lophophora diffusa (Croizat) Bravo
478.	^      **	Mammillaria albicans (Britton et Rose) A. Berger
479.	^      **	Mammillaria armillata Brandegee
480.	^	Mammillaria aureispina (Lau) Repp.
481.		Mammillaria backebergiana F.G. Buchenau
482.	^      *	Mammillaria backebergiana subsp. ernestii (Fittkau) D.R. Hunt
483.	^      **	Mammillaria bella Backeb.
484.	^      *	Mammillaria bocasana Poselger
485.	^      *	Mammillaria bocasana var. multilanata (No name)
486.	^	Mammillaria bocasana Poselger / Mammillaria bocasana Poselg. var. splendens Rebut
487.	^      **	Mammillaria bocasana subsp. eschauzieri (J.M. Coul.) Fitz Maurice et B. Fitz Maurice / Mammillaria hirsuta Boed.
488.	^      *	Mammillaria bocasana subsp. eschauzieri (J.M. Coul.) Fitz Maurice et B. Fitz Maurice / Mammillaria kunzeana Boed. et Quehl
489.	^      **	Mammillaria brauneana Boed.
490.	^      **	Mammillaria carnea Zucc. ex Pfeiff.
491.	^	Mammillaria chionocephala J.A. Purpus
492.	^	Mammillaria columbiana Salm-Dyck
493.	^	Mammillaria columbiana subsp. yucatanensis (Britton & Rose) D.R.Hunt
494.	^      *	Mammillaria compressa DC.
495.	^      **	Mammillaria compressa DC. / Mammillaria compressa DC. var. rubrispina Borg.

496.	^ **	<i>Mammillaria confusa</i> Orcutt
497.	^ *	<i>Mammillaria crinita</i> subsp. <i>wildii</i> (A. Dietr.) D.R. Hunt / <i>Mammillaria wildii</i> A. Dietr.
498.	^	<i>Mammillaria deherdtiana</i> Farwig
499.	^ **	<i>Mammillaria densispina</i> (Coul.) Orcutt.
500.	^ **	<i>Mammillaria discolor</i> subsp. <i>ochoterenae</i> (Bravo) U. Guzmán / <i>Mammillaria pachyrhiza</i> Backeb.
501.	^ **	<i>Mammillaria duoformis</i> R.T. Craig et E.Y. Dawson
502.	^ **	<i>Mammillaria elongata</i> DC.
503.	^ **	<i>Mammillaria emundtsiana</i> C.F. Först. & Rümpler
504.	^	<i>Mammillaria flavescentia</i> (DC.) Haw.
505.	^	<i>Mammillaria formosa</i> Galeotti ex Scheidw.
506.	^ *	<i>Mammillaria geminispina</i> Haw.
507.	^	<i>Mammillaria glassii</i> R.A. Foster
508.	^ *	<i>Mammillaria haageana</i> Pfeiff. / <i>Mammillaria donatii</i> Berge ex K. Schum.
509.	^ *	<i>Mammillaria hahniana</i> subsp. <i>bravoae</i> (R.T. Craig) D.R. Hunt / <i>Mammillaria bravoae</i> R.T. Craig
510.	^ *	<i>Mammillaria heyderi</i> subsp. <i>hemisphaerica</i> D.R. Hunt / <i>Mammillaria applanata</i> Engelm.
511.	^ **	<i>Mammillaria hahniana</i> subsp. <i>woodsii</i> (R.T. Craig) D.R. Hunt / <i>Mammillaria woodsii</i> R.T. Craig
512.	^ **	<i>Mammillaria kelleriana</i> Schmoll
513.	^	<i>Mammillaria knebeliana</i> Boed. (= <i>Chilita knebeliana</i> (Boed.) Buxb.)
514.	^	<i>Mammillaria magnimamma</i> Haw.
515.	^ *	<i>Mammillaria magnimamma</i> Haw. / <i>Mammillaria bucareliensis</i> Craig
516.	^	<i>Mammillaria magnimamma</i> Haw. / <i>Mammillaria</i> <i>magnimamma</i> Haw. var. <i>bockii</i> Borg.
517.	^ **	<i>Mammillaria magnimamma</i> Haw. / <i>Mammillaria</i> <i>magnimamma</i> Haw. var. <i>kramerii</i> (unresolved)
518.	^	<i>Mammillaria mammillaris</i> (L.) H. Karsten / <i>Mammillaria</i> <i>simplex</i> Haw.
519.	^ *	<i>Mammillaria marshalliana</i> (H.E. Gates) Boed / <i>Neomammillaria marshalliana</i> H.E. Gates

	Λ	Mammillaria matudae Bravo
<b>520.</b>		
	Λ *	Mammillaria matudae var. spinosissima (No name)
<b>521.</b>		
	Λ *	Mammillaria mercadensis Patoni
<b>522.</b>		
	Λ **	Mammillaria mollendorffiana Shurly
<b>523.</b>		
	Λ *	Mammillaria monancistracantha Backeb.
<b>524.</b>		
	Λ *	Mammillaria mystax Mart. / Mammillaria huajuapensis Bravo
<b>525.</b>		
	Λ *	Mammillaria neocoronaria F.M.Knuth
<b>526.</b>		
	Λ **	Mammillaria nunezii (Britton et Rose) Orcutt
<b>527.</b>		
	Λ *	Mammillaria oteroii Glass et R. Foster
<b>528.</b>		
	Λ *	Mammillaria parkinsonii Ehrenb.
<b>529.</b>		
	Λ **	Mammillaria perbella Hildm. ex K. Schum.
<b>530.</b>		
	Λ **	Mammillaria polythele Mart. / Mammillaria crocidata Lem.
<b>531.</b>		
	Λ **	Mammillaria polythele Mart. / Mammillaria hidalgensis Purpus
<b>532.</b>		
	Λ **	Mammillaria polythele Mart. / Mammillaria tetracantha Salm-Dyck
<b>533.</b>		
	Λ **	Mammillaria polythele subsp. obconella (Scheidw.) D.R. Hunt Mammillaria obconella Scheidw.
<b>534.</b>		
	Λ	Mammillaria prolifera (Mill.) Haw.
<b>535.</b>		
	Λ	Mammillaria prolifera subsp. haitlensis (K. Schum.) D.R.Hunt / Mammillaria prolifera var. haitlensis (K. Schum.) Borg
<b>536.</b>		
	Λ	Mammillaria prolifera var. multiceps (Salm-Dyck) U.Guzmán
<b>537.</b>		
	Λ	Mammillaria queretarica R.T.Craig
<b>538.</b>		
	Λ **	Mammillaria recoi (Britton et Rose) Vaupel / Mammillaria pseudorecoi Boed.
<b>539.</b>		
	Λ *	Mammillaria rhodantha Link et Otto
<b>540.</b>		
	Λ **	Mammillaria rhodantha Link et Otto / Mammillaria calacantha Tiegel
<b>541.</b>		
	Λ **	Mammillaria rhodantha Link et Otto / Mammillaria fuscata Pfeiff.
<b>542.</b>		
	Λ	Mammillaria rhodantha Link et Otto / Mammillaria rhodantha Link et Otto var. crassispina K. Schum.
<b>543.</b>		

544.	^ ** <i>Mammillaria saetigera</i> Boed. et Tiegel / <i>Neomammillaria saetigera</i> (Boed. et Tiegel) Y.Ito (unresolved)
545.	^ ** <i>Mammillaria schiedeana</i> Ehrenb. ex Schltdl.
546.	^ * <i>Mammillaria sempervivi</i> DC.
547.	^ ** <i>Mammillaria sempervivi</i> DC. / <i>Mammillaria sempervivi</i> var. <i>tetracantha</i> hort. ex Salm.-Dyck
548.	^ * <i>Mammillaria sheldonii</i> (Britton et Rose) Boed.
549.	^ * <i>Mammillaria sinistrohamata</i> Boed.
550.	^ <i>Mammillaria spinosissima</i> Lem.
551.	^ ** <i>Mammillaria spinosissima</i> subsp. <i>pilcayensis</i> (Bravo) D.R. Hunt / <i>Mammillaria pilcayensis</i> Bravo
552.	^ <i>Mammillaria wiesingeri</i> Boed.
553.	^ ** <i>Matucana intertexta</i> F. Ritter
554.	^ ** <i>Matucana paucicostata</i> F. Ritter
555.	^ <i>Mediolobivia brachiantha</i> (Wessner) Krainz
556.	^ * <i>Mediolobivia iscayachensis</i> (No name)
557.	^ <i>Mediolobivia mammilosa</i> v. <i>australes</i> (No name)
558.	^ ** <i>Mediolobivia mudanensis</i> (No name)
559.	^ <i>Mediolobivia pectinata</i> Backeb. ex Krainz
560.	^ * <i>Mediolobivia rebutiooides</i>
561.	^ <i>Mediolobivia pygmaea</i> (R.E. Fr.) Krainz
562.	^ * <i>Melocactus bahiensis</i> f. <i>acispinosus</i> (Buining et Brederoo) N.P. Taylor. / <i>Melocactus brederooianus</i> Buining
563.	^ * <i>Melocactus frederoianus</i>
564.	^ <i>Neochilenia hankeana</i> (C.F.Först.) Dölz
565.	^ ** <i>Neomammillaria graessneriana</i> (Boed.) Britton et Rose / <i>Mammillaria graessneriana</i> Boed.
566.	^ <i>Neomammillaria pyrrocephala</i> (Scheidw.) Britton et Rose / <i>Mammillaria pyrrhocephala</i> Scheidw.
567.	^ * <i>Neomammillaria schelhasei</i> (Pfeiff.) Britton et Rose / <i>Mammillaria schelhasei</i> Pfeiff.

568.	Λ **	Notocactus oxycostatus f. acutus (F. Ritter) N. Gerloff / Notocactus acutus F. Ritter
569.	Λ **	Notocactus schlosseri Vliet
570.	Λ **	Parodia aureispina Backeb.
571.	Λ **	Parodia ayopayana Cárdenas / Parodia comosa F. Ritter
572.	Λ **	Parodia ayopayana Cárdenas / Parodia miguillensis Cárdenas
573.	Λ **	Parodia camargensis Buining et F. Ritter
574.	Λ	Parodia comarapana Cárdenas
575.	Λ **	Parodia comarapana Cárdenas / Parodia mairanana Cárdenas
576.	Λ *	Parodia concinna (Monv.) N. P. Taylor / Notocactus apricus (Arechav.) A. Berger
577.	Λ *	Parodia concinna (Monv.) N. P. Taylor / Notocactus concinnus (Monv.) Backeb.
578.	Λ **	Parodia erubescens (Osten) D.R. Hunt / Notocactus erubescens (Osten) Marchesi
579.	Λ	Parodia erubescens (Osten) D. R. Hant / Notocactus schlosseri Vliet
580.	Λ	Parodia formosa F. Ritter / Parodia cardenasii F. Ritter
581.	Λ	Parodia formosa F. Ritter
582.	Λ	Parodia formosa F. Ritter / Parodia purpureo-aurea F. Ritter
583.	Λ **	Parodia gracilis F. Ritter / Parodia gracilis var. ceurea
584.	Λ *	Parodia herteri (Werderm.) N.P. Taylor / Notocactus herteri Werderm.
585.	Λ *	Parodia mammulosa (Lem.) N.P.Taylor / Notocactus mammulosus (Lehm.) A. Berger
586.	Λ	Parodia mammulosa (Lem.) N. P. Taylor / Notocactus submammulosus(Lem.) Backeb. var. pampeanus (Spegg.) Backeb.
587.	Λ	Parodia mammulosa (Lem.) N. P. Taylor subsp. submammulosa (Lem.) Hofacker / Notocactus submammulosus (Lem.) Backeb.
588.	Λ **	Parodia microperma subsp. horrida (F.W. Brandt) R. Kiesling & O. Ferrari
589.	Λ	Parodia miguillensis Cárdenas
590.	Λ	Parodia mueller-melchersii (Frič ex Backeb.) N.P. Taylor

	^ **	Parodia muricata (Otto ex Pfeiff.) Hofacker / Notocactus muricatus (Otto ex Pfeiff.) A. Berger
591.	^ *	Parodia muricata (Otto ex Pfeiff.) Hofacker f. cristata / Notocactus muricatus (Otto ex Pfeiff.) A. Berger f. cristata
592.	^	Parodia ottonis (Lehm.) N.P.Taylor / Notocactus ottonis (Lehm.) A. Berger
593.	^ *	Parodia ottonis (Lehm.) N.P.Taylor / Notocactus ottonis var. linkii (Lehm.) A. Berger
594.	^ *	Parodia ottonis (Lehm.) N.P.Taylor / Notocactus ottonis var. megapotamicus (Osten ex Hert.) Buining
595.	^	Parodia ottonis (Lehm.) N.P.Taylor / Notocactus ottonis var. tortuosus (Link et Otto) A. Berger
596.	^ **	Parodia ottonis (Lehm.) N.P.Taylor / Notocactus ottonis var. vencluanus Backeb. et Vell.
597.	^	Parodia ottonis (Lehm.) N.P.Taylor / Notocactus acutus F.Ritter
598.	^ **	Parodia piltziorum Weskamp
599.	^ **	Parodia rubricentra Backeb.
600.	^	Parodia rutilans (Däniker et Krainz) N. P. Taylor / Notocactus rutilans Däniker et Krainz
601.	^ **	Parodia scopula (Spreng.) N. P. Taylor / Notocactus scopula (Spreng.) A.Berger
602.	^ **	Parodia scopula (Spreng.) N. P. Taylor subsp. succinea (F.Ritter) Hofacker et P. J. Braun / Notocactus succineus F. Ritter
603.	^ *	Parodia stuemeri (Werderm.) Backeb.
604.	^	Parodia tabularis (F. Cels ex Rumpler) D.R. Hunt / Notocactus tabularis (F. Cels ex Rumpler) A. Berger ex A.W. Hill
605.	^ **	Parodia tredecimcostata F. Ritter / Parodia echinopsisoides F.H. Brandt
606.	^ *	Parodia tuberculosicostata Backeb.
607.	^ **	Parodia variicolor F.Ritter
608.	^ **	Parodia uhligiana Backeb.
609.	^	Pfeiffera ianthothele (Monv.) F.A.C.Weber / Pfeiffera ianthothele (Monv.) F.A.C.Weber
610.	^ **	Pfeiffera ianthothele (Monv.) F.A.C.Weber / Pfeiffera multigona Cardenas
611.	^ **	Pseudolobivia ancistrophora (Speg.) Backeb.
612.	^ **	Pseudolobivia hamatacantha (Backeb.) Backeb.
613.	^ **	

<b>614.</b>	Λ **	<i>Pseudolobivia rojasii</i> (Cardenas) Backeb. var. <i>albiflora</i> / <i>Echinopsis obrepanda</i> (Salm-Dyck) K.Schum.
<b>615.</b>	Λ **	<i>Pseudorhipsalis ramulosa</i> (Salm-Dyck) Barthlott / <i>Pseudorhipsalis ramulosa</i> (Salm-Dyck) Barthlott
<b>616.</b>	Λ	<i>Rebutia brunescens</i> Rausch
<b>617.</b>	Λ	<i>Rebutia deminuta</i> (F.A.C. Weber) Britton & Rose / <i>Rebutia pseudodeminuta</i> Backeb.
<b>618.</b>	Λ	<i>Rebutia fiebrigii</i> (Gürke) Britton et Rose / <i>Rebutia buiningiana</i> Rausch
<b>619.</b>	Λ *	<i>Rebutia fiebrigii</i> (Gürke) Britton et Rose / <i>Rebutia cajasensis</i> F. Ritter
<b>620.</b>	Λ	<i>Rebutia flavistyla</i> F. Ritter
<b>621.</b>	Λ	<i>Rebutia minuscula</i> K.Schum.
<b>622.</b>	Λ **	<i>Rebutia minuscula</i> K.Schum. / <i>Rebutia chrysacantha</i> Backeb.
<b>623.</b>	Λ **	<i>Rebutia minuscula</i> K.Schum. / <i>Rebutia hyalacantha</i> (Backeb.) Backeb. (unresolved)
<b>624.</b>	Λ	<i>Rebutia minuscula</i> K. Schum. / <i>Rebutia minuscula</i> K. Schum.
<b>625.</b>	Λ *	<i>Rebutia minuscula</i> K. Schum. / <i>Rebutia senilis</i> Backeb.
<b>626.</b>	Λ **	<i>Rebutia minuscula</i> K. Schum. f. <i>cristata</i> / <i>Rebutia senilis</i> Backeb. f. <i>cristata</i>
<b>627.</b>	Λ *	<i>Rebutia minuscula</i> K. Schum. / <i>Rebutia senilis</i> Backeb. var. <i>iseliniana</i> Krainz
<b>628.</b>	Λ **	<i>Rebutia minuscula</i> K. Schum. / <i>Rebutia senilis</i> Backeb. var. <i>kesselringiana</i> Bewer
<b>629.</b>	Λ *	<i>Rebutia minuscula</i> K. Schum. / <i>Rebutia senilis</i> Backeb. var. <i>semperflorens</i> Poind
<b>630.</b>	Λ *	<i>Rebutia minuscula</i> K. Schum. / <i>Rebutia senilis</i> Backeb. var. <i>stuemerii</i> Backeb.
<b>631.</b>	Λ *	<i>Rebutia minuscula</i> K. Schum. / <i>Rebutia senilis</i> Backeb. var. <i>violaciflora</i> Backeb.
<b>632.</b>	Λ *	<i>Rebutia minuscula</i> K. Schum. / <i>Rebutia xanthocarpa</i> var. <i>salmonea</i> Backeb.
<b>633.</b>	Λ *	<i>Rebutia minuscula</i> var. <i>wessneriana</i> (Bewer.) Ed.Schilz / <i>Rebutia wessneriana</i> Bewer.
<b>634.</b>	Λ	<i>Rebutia pygmaea</i> (R. E. Fr.) Britton et Rose.
<b>635.</b>	Λ **	<i>Rebutia simoniana</i> Rausch
<b>636.</b>	Λ *	<i>Rhipsalis baccifera</i> (J. Miller) Stearn
<b>637.</b>	Λ	<i>Rhipsalis baccifera</i> (J. Miller) Stearn subsp. <i>fasciculata</i> (Willd.) Suepplie / <i>Rhipsalis fasciculata</i> (Willd.) Haw.

<b>638.</b>	^ **	<i>Rhipsalis baccifera</i> (J. Miller) Stearn subsp. <i>horrida</i> (Baker.) Barthlott / <i>Rhipsalis horrida</i> Baker.
<b>639.</b>	^ **	<i>Rhipsalis baccifera</i> (J. Miller) Stearn subsp. <i>shaferi</i> (Britton et Rose) Barthlott et N. P. Taylor / <i>Rhipsalis baccifera</i> (J. Miller) Stearn subsp. <i>shaferi</i> (Britton et Rose) Barthlott et N. P. Taylor
<b>640.</b>	^ *	<i>Rhipsalis monacantha</i> Griseb. / <i>Rhipsalis micrantha</i> (Kunth) DC.
<b>641.</b>	^	<i>Rhipsalis pilocarpa</i> Loefgr. / <i>Erythrorhipsalis pilocarpa</i> (Loefgr.) A. Berger
<b>642.</b>	^	<i>Rhipsalis teres</i> (Vellozo) Steud. f. <i>teres</i> / <i>Rhipsalis virgata</i> F.A.C.Weber
<b>643.</b>	^ *	<i>Stenocactus crispatus</i> (DC.) A. Berger ex A.W. Hill
<b>644.</b>	^	<i>Stenocactus lamellosus</i> (A. Dietr.) A. Berger ex A.W. Hill
<b>645.</b>	^ *	<i>Stenocactus lamellosus</i> (A. Dietr.) A. Berger ex A.W. Hill / <i>Stenocactus confusus</i> (Britton & Rose) F.M. Knuth
<b>646.</b>	^ *	<i>Stenocactus multicostatus</i> (Hildm.) A. Berger ex A.W. Hill
<b>647.</b>	^ *	<i>Stenocactus obvallatus</i> (DC.) A. Berger ex A.W. Hill
<b>648.</b>	^ *	<i>Stenocactus phyllacanthus</i> (Mart.) A. Berger ex A.W. Hill
<b>649.</b>	^ *	<i>Stenocactus tricuspidatus</i> (Scheidw.) A.Berger ex Backeb. & F.M.Knuth / <i>Echinocactus tricuspidatus</i> Scheidw. (unresolved)
<b>650.</b>	^ *	<i>Stenocactus violaciflorus</i> (Quehl.) A. Berger ex A. W. Hill / <i>Echinofossulocactus violaciflorus</i> (Quehl.) Britton et Rose
<b>651.</b>	^ *	<i>Sulcorebutia arenacea</i> (Cárdenas) F. Ritter
<b>652.</b>	^	<i>Thelocactus hexaedrophorus</i> (Lem.) Britton & Rose
<b>653.</b>	^ **	<i>Wigginsia corynodes</i> (Otto ex Pfeiff.) D.M. Porter
<b>654.</b>	^ *	<i>Wigginsia erinacea</i> (Haw.) D. M. Porter
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<b>Campanulaceae</b>		
<b>655.</b>	*	<i>Campanula carpatica</i> Jacq.
<b>656.</b>	*	<i>Campanula carpatica</i> Jacq. f. <i>flore alba</i>
<b>657.</b>	*	<i>Campanula persicifolia</i> L.
<b>658.</b>	<i>Codonopsis clematidea</i> (Schrenk) C.B.Clarke	

	* <i>Codonopsis lanceolate</i> (Siebold et Zucc.) Trautv.
<b>659.</b>	<i>Lobelia siphilitica</i> L.
<b>660.</b>	<i>Platycodon grandiflorus</i> (Jacq.) A. DC. cv. Tuji Pink
<b>661.</b>	
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<b>Cannabaceae</b>	
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	<i>Humulus lupulus</i> L.
<b>662.</b>	
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<b>Caprifoliaceae / Dipsacaceae / Valerianaceae</b>	
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	<i>Cephalaria coriacea</i> (Willd.) Roem. & Schult. ex Steud.
<b>663.</b>	
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	<i>Cephalaria gigantean</i> (Ledeb.) Bobrov
<b>664.</b>	
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	<i>Diervilla lonicera</i> Mill.
<b>665.</b>	
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	<i>Knautia arvensis</i> (L.) Coult.
<b>666.</b>	
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	<i>Lonicera caucasica</i> Pall.
<b>667.</b>	
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	<i>Lonicera chrysanthra</i> Turcz. ex Ledeb.
<b>668.</b>	
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	<i>Lonicera demissa</i> Rehder
<b>669.</b>	
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	<i>Lonicera dioica</i> var. <i>glaucescens</i> (Rydb.) Butters / <i>Lonicera glaucescens</i> (Rydb.) Rydb.
<b>670.</b>	
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	<i>Lonicera ferdinandii</i> Franch
<b>671.</b>	
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	<i>Lonicera floribunda</i> Boiss. & Buhse
<b>672.</b>	
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	* <i>Lonicera longipes</i> (Maxim.) Pojark.
<b>673.</b>	
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	* <i>Lonicera maackii</i> (Rupr.) Maxim.
<b>674.</b>	
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	* <i>Lonicera microphylla</i> Willd. ex Schult.
<b>675.</b>	
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	<i>Lonicera periclymenum</i> L.
<b>676.</b>	
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	<i>Lonicera prolifera</i> (Kirchner) Booth ex Rehder
<b>677.</b>	
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	<i>Lonicera stenantha</i> Pojark.
<b>678.</b>	
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	<i>Lonicera tatarica</i> L.
<b>679.</b>	
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	Lonicera tatarica L. cv. Prelestrnitsa
<b>680.</b>	
681.	* Lonicera tatarica var. morrowii (A. Gray) Q. E. Yang, Landrein, Borosova & J. Osborne / Lonicera morrowii A. Gray
	Lonicera xylosteum L.
<b>682.</b>	
683.	Lonicera xylosteum L. cv. Pamjati Skvorzovii
	Patrinia sibirica (L.) Juss.
<b>684.</b>	
685.	* Succisa pratensis Moench
686.	Symphoricarpos albus var. laevigatus (Fernald) S.F.Blake / Symphoricarpos rivularis Suksd.
	Symphoricarpos occidentalis Hook.
<b>687.</b>	
688.	Valeriana officinalis L. s.l.
689.	Weigela middendorffiana C. Koch
	<b>Caryophyllaceae</b>
	Dianthus arenarius L.
<b>690.</b>	
691.	Dianthus barbatus L.
692.	Dianthus borbasii Vandas
693.	* Dianthus chinensis L. / Dianthus fisherii Spreng.
	Dianthus cretaceus Adam
<b>694.</b>	
695.	Dianthus deltoides L.
696.	* Dianthus gratianopolitanus Vill.
	Dianthus plumarius L.
<b>697.</b>	
698.	Dianthus superbus L.
699.	* Gypsophila fastigiata L.
700.	* Lychnis fulgens Fisch.
	Saponaria officinalis L.
<b>701.</b>	

702.	* <i>Silene elisabethae</i> Jan
703.	* <i>Silene schafta</i> J.G.Gmel. ex Hohen.
704.	<i>Silene viscaria</i> (L.) Jess. / <i>Viscaria vulgaris</i> Bernh.
705.	* <i>Silene viscosa</i> (L.) Pers.
706.	<i>Silene vulgaris</i> (Moench) Garcke / <i>Silene zawadskii</i> Herbich

**Celastraceae**

707.	^ <i>Celastrus australis</i> (Vent.) Kuntze / <i>Elaeodendron australe</i> Vent.
708.	<i>Celastrus scandens</i> L.
709.	<i>Euonymus alatus</i> (Thunb.) Siebold / <i>Euonymus sacrosanctus</i> Koidz.
710.	<i>Euonymus czernjaevii</i> Klokov
711.	<i>Euonymus europaeus</i> L.
712.	<i>Euonymus europaeus</i> f. <i>alba</i> (West.) Rehder
713.	<i>Euonymus latifolius</i> (L.) Mill.
714.	<i>Euonymus maximowiczianus</i> (Prokh.) Vorosch. / <i>Euonymus maximowiczianus</i> (Prokh.) Vorosch.
715.	<i>Euonymus sachalinensis</i> (F.Schmidt) Maxim. / <i>Euonymus planipes</i> Koehne
716.	<i>Euonymus verrucosus</i> Scop. / <i>Euonymus verrucosus</i> Scop.
717.	<i>Tripterygium wilfordii</i> Hook. f. / <i>Tripterygium regelii</i> Sprague et Takeda

**Cercidiphyllaceae**

718.	<i>Cercidiphyllum japonicum</i> Siebold & Zucc. ex J.J.Hoffm. et J.H.Schult.bis
719.	<i>Cercidiphyllum magnificum</i> (Nakai) Nakai

**Chenopodiaceae**

720.	<i>Chenopodium bonus-henricus</i> L.
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**Chloranthaceae**

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721. ^ *Sarcandra glabra* (Thunb.) Nakai

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**Clusiaceae**

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722. ^ *Garcinia dulcis* (Roxb.) Kurz

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**Colchicaceae / Melanthiaceae**

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723. *Colchicum autumnale* L.

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724. *Colchicum speciosum* Steven

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725. *Colchicum szovitsii* Fish. rt Mey.

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726. *Disporum smilacinum* A. Grey

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**Commelinaceae**

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727. ^ \* *Palisota schwinfurthii* C.B.Clarke

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728. *Tradescantia × andersoniana* W.Ludw. & Rohweder

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**Compositae / Asteraceae**

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729. *Achillea millefolium* L.

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730. *Ageratina altissima* (L.) R.M.King & H.Rob. / *Eupatorium urticifolium* Reichard

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731. *Anaphalis margaritacea* (L.) A.Gray

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732. *Antennaria dioica* (L.) Gaertn.

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733. *Anthemis tinctoria* L.

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734. *Arctium minus* (Hill) Bernh.

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735. *Arnica alpina* (L.) Olin & Ladau

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736. \* *Arnica chamissonis* Less.

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737. *Arnica chamissonis* Less. / *Arnica foliosa* Nutt.

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738. *Arnica montana* L.

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739. *Artemisia abrotanum* L.

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	<i>Artemisia absinthium</i> L.
<b>740.</b>	
	<i>Artemisia dracunculus</i> L.
<b>741.</b>	
	<i>Aster alpinus</i> L.
<b>742.</b>	
	* <i>Aster amellus</i> L.
<b>743.</b>	
	* <i>Aster indicus</i> L.
<b>744.</b>	
	<i>Bellis perennis</i> L.
<b>745.</b>	
	* <i>Centaurea chartolepis</i> Greuter / <i>Chartolepis intermedia</i> Boiss.
<b>746.</b>	
	* <i>Centaurea dealbata</i> Willd.
<b>747.</b>	
	<i>Centaurea macrocephala</i> Muss.-Puschk. ex Willd. / <i>Grossheimia macrocephala</i> (Muss.-Puschk. ex Willd.) Sosn. ex Takht.
<b>748.</b>	
	<i>Centaurea montana</i> L.
<b>749.</b>	
	<i>Centaurea orientalis</i> L.
<b>750.</b>	
	<i>Chaptalia arechavaletae</i> Arechav.
<b>751.</b>	
	<i>Cichorium intybus</i> L.
<b>752.</b>	
	<i>Cosmos bipinnatus</i> Cav. <i>hortus hybrida</i>
<b>753.</b>	
	* <i>Cyanus segetum</i> Hill / <i>Centaurea cyanus</i> L.
<b>754.</b>	
	<i>Echinacea purpurea</i> (L.) Moench
<b>755.</b>	
	<i>Echinops ritro</i> L.
<b>756.</b>	
	<i>Echinops sphaerocephalus</i> L.
<b>757.</b>	
	<i>Eupatorium cannabinum</i> L.
<b>758.</b>	
	<i>Eupatorium purpureum</i> L.
<b>759.</b>	
	<i>Eupatorium urticifolium</i> Reichard.
<b>760.</b>	
	<i>Galatella linosyris</i> (L.) Rchb.f. / <i>Crinitaria linosyris</i> (L.) Less.
<b>761.</b>	
	<i>Galatella rossica</i> Novopokr.
<b>762.</b>	

763.	* <i>Galatella sedifolia</i> (L.) Greuter / <i>Galatella rossica</i> Novopokr.
764.	<i>Gerbera anandria</i> (L.) Sch. Bip.
765.	<i>Gerbera nivea</i> (DC.) Sch.Bip.
766.	<i>Helichrysum arenarium</i> (L.) Moench
767.	* <i>Hieracium aurantiacum</i> L.
768.	<i>Inula aspera</i> Poir.
769.	<i>Inula ensifolia</i> L.
770.	<i>Inula helenium</i> L.
771.	<i>Inula salicina</i> L.
772.	<i>Jacobaea erucifolia</i> subsp. <i>arenaria</i> (Soó) B.Nord. & Greuter / <i>Senecio grandidentatus</i> Ledeb.
773.	<i>Leontopodium alpinum</i> Colm. ex Cass.
774.	<i>Liatris spicata</i> (L.) Willd.
775.	<i>Ligularia dentata</i> (A.Gray) Hara
776.	<i>Ligularia fischeri</i> (Ledeb.) Turcz.
777.	<i>Ligularia przewalskii</i> (Maxim.) Diels
778.	<i>Ligularia wilsoniana</i> (Hemsl.) Greenm.
779.	<i>Parasenecio hastatus</i> (L.) H.Koyama / <i>Cacalia hastata</i> L.
780.	<i>Parthenium integrifolium</i> L.
781.	<i>Psephellus dealbatus</i> (Willd.) K.Koch. / <i>Centaurea nogmovii</i> (Koss ex Tschuchr.) Czerep.
782.	<i>Pyrethrum corymbosum</i> (L.) Scop.
783.	<i>Pyrethrum majus</i> (Desf.) Tzvelev / <i>Tanacetum balsamita</i> L.
784.	<i>Rhaponticum carthamoides</i> (Willd.) Iljin
785.	<i>Roldana petasitis</i> (Sims) H.Rob. & Brettell
786.	<i>Rudbeckia laciniata</i> L.

	Rudbeckia perfoliata Cav.
787.	Rudbeckia subtomentosa Pursh
788.	Scorsonera hispanica L.
789.	Senecio doria K.Koch
790.	Senecio schwetzowii Korsh.
791.	* Serratula coronata L.
792.	Silphium perfoliatum L.
793.	Silybum marianum (L.) Gaerth.
794.	Solidago canadensis L.
795.	Solidago canadensis var. lepida (DC.) Cronquist / Solidago lepida DC.
796.	Solidago minutissima (Makino) Kitam.
797.	Solidago virgaurea L.
798.	Tanacetum vulgare L. / Tanacetum boreale Fisch. ex DC
799.	Tanacetum vulgare var. crispum DC.
800.	Telanthophora grandifolia (Less.) H.Rob. & Brettell
801.	Telekia speciosa (Schreb.) Baumg.
802.	Tephroseris pseudoaurantiaca (Kom.) Czerep. / Senecio kamtschaticus Komarov
803.	
804.	<b>Cornaceae</b>
805.	* Cornus mas L.
806.	* Cornus sericea subsp. occidentalis (Torr. & A.Gray) Fosberg / Cornus pubescens Nutt.
807.	* Cornus sericea subsp. occidentalis (Torr. & A.Gray) Fosberg / Cornus pubescens Nutt
	<b>Crassulaceae</b>
807.	Rhodiola bupleuroides (Wall. ex Hook. f. & Thomson) S.H. Fu / Sedum bupleuroides Wall. ex Hook. f. & Thomson

	Rhodiola kirilowii (Regel) Maxim.
808.	
	Rhodiola stephanii (Schltdl.) Trautv. & C.A. Mey.
809.	
	Sedum aizoon L.
810.	
	Sedum kamtschaticum Fisch.
811.	
	Sedum roseum (L.) Scop. / Rhodiola arctica Boriss.
812.	
	Sedum roseum (L.) Scop. / Rhodiola rosea L.
813.	
	* Sedum spurium Bieb.
814.	
	* Sedum stoloniferum S.G.Gmel.
815.	
	* Sempervivum globiferum L. / Jovibarba globifera (L.) J.Parn.
816.	
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	<b>Cucurbitaceae</b>
	* Bryonia alba L.
817.	
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	<b>Cupressaceae</b>
	* Juniperus chinensis L.
818.	
	* Juniperus communis var. depressa Purch
819.	
	* Juniperus scopulorum Sarg. cv. Skyrocket
820.	
	Thuja koraiensis Nakai
821.	
	* Thuja occidentalis L.
822.	
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	<b>Cyperaceae</b>
	Carex brevicollis DC.
823.	
	* Carex buchananii Berggr.
824.	
	* Carex muskingumensis Schwein.
825.	
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	<b>Dioscoreaceae</b>
	Dioscorea caucasica Lipsky
826.	

	Dioscorea nipponica Makino
827.	
	<b>Elaeagnaceae</b>
828.	Elaeagnus rhamnoides (L.) A.Nelson / Hippophae rhamnoides L.
	<b>Ericaceae</b>
829.	Bilzia vaseyi (A.Gray) Small / Rhododendron vaseyi A. Gray
830.	Calluna vulgaris (L.) Hull
831.	* Chamedaphne calyculata (L.) Moench.
832.	Elliottia bracteata (Maxim.) Benth. et Hook.f. / Botryostegia bracteata (Maxim.) Stapf.
833.	Elliottia pyroliflora (Bong.) S.W.Brim et P.F.Stevens / Cladothamnus pyroliflorus Bong
834.	Erica spiculifolia Salisb. / Bruckenthalia spiculifolia (Salisb.) Rchb.
835.	Erica tetralix L.
836.	Hymenanthes catawbiensis (Michx.) H.F. Copel.
837.	Kalmia angustifolia L.
838.	Ledum palustre L.
839.	* Leucothoe fontanensiana (Steud.) Sleum
840.	Leucothoe racemose (L.) A. Gray
841.	Menziesia ferruginea Sm.
842.	Menziesia pilosa (Michx.) Juss.
843.	* Rhododendron albrechtii Maxim.
844.	Rhododendron arborescens (Pursh) Torr.
845.	Rhododendron campanulatum subsp. aeruginosum (Hook. f.) D.F. Chamb. / Rhododendron aeruginosum Hook. f.
846.	Rhododendron canadense (L.) Britton, Sterns et Poggenb.
847.	* Rhododendron carolinianum Rehder

	Rhododendron catawbiense Michx.
<b>848.</b>	
	* Rhododendron caucasicum Pall.
<b>849.</b>	
	Rhododendron fauriei Franch. / Rhododendron brachycarpum auct.
<b>850.</b>	
	Rhododendron groenlandicum (Oeder) Kron et Judd / Ledum groenlandicum Oeder.
<b>851.</b>	
	* Rhododendron hirsunum L.
<b>852.</b>	
	* Rhododendron japonicum C.K.Schneid.
<b>853.</b>	
	* Rhododendron luteum Sweet
<b>854.</b>	
	Rhododendron macrophyllum D.Don ex G.Don
<b>855.</b>	
	Rhododendron maximum L.
<b>856.</b>	
	Rhododendron micranthum Turcz.
<b>857.</b>	
	Rhododendron molle G.Don
<b>858.</b>	
	* Rhododendron ponticum L.
<b>859.</b>	
	* Rhododendron ponticum f. album (Sweet) Zab.
<b>860.</b>	
	Rhododendron poukhanense H.Lév.
<b>861.</b>	
	Rhododendron schlippenbachii Maxim.
<b>862.</b>	
	Rhododendron smirnowii Trautv.
<b>863.</b>	
	Rhododendron tschonoskii Maxim.
<b>864.</b>	
	* Therorhodion camtschaticum (Pall.) Small / Rhododendron camtschaticum Pall.
<b>865.</b>	
	<b>Euphorbiaceae</b>
<b>866.</b>	Flueggea suffruticosa (Pall.) Baill. / Securinega fluggeoides (Müll. Arg.) Müll. Arg
<b>867.</b>	Flueggea suffruticosa (Pall.) Baill. / Securinega suffruticosa (Pall.) Rehder
	<b>Fagaceae</b>
<b>868.</b>	Quercus alba L.

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Quercus rubra L.

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**869.**

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**Flacourtiaceae**

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^ \* Flacourtia indica (Burm.f.) Merr.  
**870.**

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**Gentianaceae**

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Centaurium erythraea Rafn  
**871.**

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\* Gentiana asclepiadea L.  
**872.**

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Gentiana cruciata L.  
**873.**

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Gentiana lutea L.  
**874.**

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Gentiana macrophylla Pall.  
**875.**

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Gentiana pneumonanthe L.  
**876.**

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\* Gentiana septemfida Pall.  
**877.**

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\* Swertia perennis L.  
**878.**

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**Geraniaceae**

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Geranium × cantabrigiense P.F.Yeo cv. Karmina  
**879.**

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Geranium macrorhizum L.  
**880.**

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\* Geranium nepalense Sweet  
**881.**

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Geranium sanguineum L.  
**882.**

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Geranium sanguineum L. var. album  
**883.**

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\* Geranium versicolor L. / Geranium striatum L.  
**884.**

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^ Pelargonium incrassatum Sims  
**885.**

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^ Pelargonium longicaule Jacq.  
**886.**

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**Gesneriaceae**

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Ramonda myconi (L.) Rchb.  
**887.**

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	<b>Ginkgoaceae</b>
888.	Ginkgo biloba L.
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	<b>Globulariaceae</b>
889.	Globularia punctata Lapeyr.
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	<b>Hydrangeaceae</b>
890.	Hydrangea bretschneideri Dippel
891.	Hydrangea paniculata Siebold
892.	Hydrangea robusta Hook. f. & Thomson
893.	Philadelphus satsumi Siebold ex Lindl. & J. Paxton
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	<b>Hypericaceae</b>
894.	Hypericum perforatum L.
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	<b>Juglandaceae</b>
895.	Carya cordiformis (Wangenh.) K.Koch / Juglans cordiformis Wangenh.
896.	* Juglans ailantifolia Carrière
897.	* Juglans regia L.
898.	Pterocarya rhoifolia Siebold et Zucc.
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	<b>Juncaceae</b>
899.	Luzula luzuloides (Lam.) Dandy et Wilmott
900.	Luzula multiflora (Ehrh.) Lei
901.	Luzula nivea (Nathh.) DC.
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	<b>Iridaceae</b>
902.	Crocus reticulatus Steven ex Adam hotrus hybrida

903.	Crocus speciosus Bieb.
904.	Gladiolus imbricatus L.
905.	Gladiolus italicus Mill
906.	Gladiolus murgusicus Mikheev
907.	Gladiolus tenuis M.Bieb.
908.	Iris biversata cv. Nauvee Age
909.	* Iris chrysographes Dykes
910.	Iris delavayi Micheli
911.	* Iris dichotoma (Pall.) Lenz.
912.	Iris domestica (L.) DC. / Belamcanda chinensis (L.) DC.
913.	Iris ensata Thunb.
914.	* Iris ensata Thunb. (Far East, near Komissarovo village)
915.	* Iris ensata Thunb. (Far East, near Iljinka village)
916.	* Iris ensata Thunb. (Far East, near Romanovka village, Schkorovo)
917.	* Iris ensata cv. Altai
918.	* Iris ensata cv. Dersu Usala
919.	* Iris ensata cv. Vasili Alferov
920.	Iris forrestii Dykes
921.	* Iris graminea L.
922.	Iris halophila Pall.
923.	Iris humilis Georgi
924.	Iris lazica Albov
925.	* Iris lokiae Alexeeva
926.	Iris maackii Maxim.

	Iris notha M.Bieb.
927.	
928.	Iris oxypetala Bunge
929.	Iris pseudacorus L.
930.	Iris pseudacorus L. cv. Donau
931.	* Iris pseudacorus cv. English Withe
932.	Iris pumila L.
933.	Iris sanguinea Donn ex Hornem.
934.	Iris setosa Pall. ex Link
935.	Iris setosa Pall. ex Link (Far East, Lozovsky distr., village Glazovka)
936.	Iris setosa Pall. ex Link (Far East, Kamchatka peninsula)
937.	Iris sibirica L.
938.	* Iris sibirica f. flore alba
939.	Iris sibirica L. cv. Adolf Svoboda
940.	Iris sibirica L. cv. Banish Misfortune
941.	Iris sibirica L. cv. Bereginja
942.	Iris sibirica L. cv. Bliki
943.	Iris sibirica L. cv. Blue Brilliant
944.	Iris sibirica L. cv. Blue Cape
945.	Iris sibirica L. cv. Cambridge
946.	Iris sibirica L. cv. Clear Pond
947.	Iris sibirica L. cv. Cool Spring
948.	Iris sibirica L. cv. Dreaming Yellow
949.	Iris sibirica L. cv. Ewen
950.	Iris sibirica L. cv. Harpswell Hazel

	Iris sibirica L. cv. Helen Astor
<b>951.</b>	
	Iris sibirica L. cv. Jankee Trader
<b>952.</b>	
	Iris sibirica L. cv. Jeol
<b>953.</b>	
	Iris sibirica L. cv. Kassandra
<b>954.</b>	
	Iris sibirica L. cv. Lady of Qualety
<b>955.</b>	
	Iris sibirica L. cv. Laula
<b>956.</b>	
	Iris sibirica L. cv. Leningradec
<b>957.</b>	
	Iris sibirica L. cv. Liberty Hills
<b>958.</b>	
	Iris sibirica L. cv. Liiting Laura
<b>959.</b>	
	Iris sibirica L. cv. Loop the Loop
<b>960.</b>	
	Iris sibirica L. cv. Marlyn Holmes
<b>961.</b>	
	Iris sibirica L. cv. My Love
<b>962.</b>	
	Iris sibirica L. cv. Niklassee
<b>963.</b>	
	Iris sibirica L. cv. Rare Jevel
<b>964.</b>	
	Iris sibirica L. cv. Salamander
<b>965.</b>	
	Iris sibirica L. cv. Salem Witch
<b>966.</b>	
	Iris sibirica L. cv. Sally Kerlin
<b>967.</b>	
	Iris sibirica L. cv. Sarah Tifney
<b>968.</b>	
	Iris sibirica L. cv. Silver Edge
<b>969.</b>	
	Iris sibirica L. cv. Snow Crest
<b>970.</b>	
	Iris sibirica L. cv. Sterh
<b>971.</b>	
	Iris sibirica L. cv. Sultan Ruby
<b>972.</b>	
	Iris sibirica L. cv. Super Ego
<b>973.</b>	
	Iris sibirica L. cv. Tycoon
<b>974.</b>	

	Iris sibirica L. cv. Vereshhagene
975.	
976.	Iris sibirica L. cv. Viktorija №25
977.	Iris sibirica L. cv. Weisser Orient
978.	Iris sibirica L. cv. White Swirl
979.	Iris sogdiana Bunge
980.	Iris typhifolia Kitagawa
981.	* Iris versicolor cv. Potry Line
982.	Iris versicolor L. x Iris laevigata Fisch.
983.	Orthrosanthus multiflorus Sweet
984.	Sisyrinchium angustifolium Mill.
985.	Sisyrinchium bellum S.Watson ff. album
986.	Sisyrinchium montanum Greene
987.	Sisyrinchium septentrionale E.P.Bicknell
988.	* Xiphion hybridum hort. / Iris xiphium L.
	<b>Ixioliriaceae</b>
989.	Ixiolirion tataricum (Pall.) Schult. et Schult.f.
	<b>Lamiaceae / Labiate</b>
990.	Agastache mexicana (Kunth) Lint et Epling
991.	* Clinopodium nepeta (L.) Kuntze / Calamintha nepeta (L.) Savi
992.	Dracocephalum austriacum L.
993.	* Dracocephalum moldavica L.
994.	* Dracocephalum moldavica cv. Perlinka
995.	Dracocephalum ruyschiana L.

	* <i>Horminum pyrenaicum</i> L.
<b>996.</b>	
	<i>Hyssopus officinalis</i> L.
<b>997.</b>	
	* <i>Hyssopus seravschanicus</i> (Dubj.) Pazij
<b>998.</b>	
	* <i>Lavandula angustifolia</i> Mill. / <i>Lavandula spica</i> L.
<b>999.</b>	
	<i>Leonurus quinquelobatus</i> Gilib.
<b>1000.</b>	
	* <i>Majorana hortensis</i> Moench.
<b>1001.</b>	
	* <i>Marrubium leonuroides</i> Desr.
<b>1002.</b>	
	<i>Melissa officinalis</i> L.
<b>1003.</b>	
	* <i>Mentha longifolia</i> (L.) L.
<b>1004.</b>	
	* <i>Monarda citriodora</i> Cerv. ex Lag.
<b>1005.</b>	
	<i>Monarda didyma</i> L.
<b>1006.</b>	
	<i>Monarda russeliana</i> Nutt.
<b>1007.</b>	
	<i>Nepeta grandiflora</i> M.Bieb.
<b>1008.</b>	
	<i>Nepeta mussinii</i> Spreng.
<b>1009.</b>	
	<i>Nepeta sibirica</i> L.
<b>1010.</b>	
	<i>Origanum creticum</i> L.
<b>1011.</b>	
	* <i>Origanum heracleoticum</i> L.
<b>1012.</b>	
	<i>Origanum viride</i> (Boiss.) Halácsy
<b>1013.</b>	
	<i>Origanum vulgare</i> L.
<b>1014.</b>	
	<i>Prunella grangiflora</i> (L.) Scholle
<b>1015.</b>	
	<i>Prunella laciniata</i> L.
<b>1016.</b>	
	* <i>Prunella vulgaris</i> L.
<b>1017.</b>	
	<i>Salvia pratensis</i> L.
<b>1018.</b>	
	<i>Salvia japonica</i> Thunb.
<b>1019.</b>	

	Salvia tequicola Klok. et Pobed.
<b>1020.</b>	
	Saponaria officinalis L.
<b>1021.</b>	
	* Satureja hortensis L.
<b>1022.</b>	
	* Scutellaria albida subsp. colchica (Rech.f.) J.R.Edm. / Scutellaria woronowii Juz.
<b>1023.</b>	
	* Stachys lanata Moench.
<b>1024.</b>	
	Stachys macrantha (K. Koch) Stearn / Betonica grandiflora Willd.
<b>1025.</b>	
	Stachys officinalis (L.) Trevis. / Betonica officinalis L.
<b>1026.</b>	
	* Stachys sylvatica L.
<b>1027.</b>	
	Thymus serpyllum L.
<b>1028.</b>	
	Ziziphora puschkiniia Adam
<b>1029.</b>	
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	<b>Lauraceae</b>
	^ * Cryptocarya laevigata Blume
<b>1030.</b>	
<hr/>	
	<b>Leguminosae / Fabaceae</b>
	^ Acacia aneura Benth.
<b>1031.</b>	
	^ Acacia cyclops G.Don
<b>1032.</b>	
	^ Acacia nerifolia Benth.
<b>1033.</b>	
	Astragalus cicer L.
<b>1034.</b>	
	Baptisia australis (L.) R. Br.
<b>1035.</b>	
	Baptisia tinctoria (L.) Vent.
<b>1036.</b>	
	Chamaecytisus ruthenicus (Fischer ex Woloszczak) Klásk.
<b>1037.</b>	
	* Colutea orientalis Mill.
<b>1038.</b>	
	Galega officinalis L.
<b>1039.</b>	
	Galega orientalis Lam.
<b>1040.</b>	

	Genista tinctoria L.
<b>1041.</b>	
	Glycyrrhiza echinana L.
<b>1042.</b>	
	Goodia lotifolia var. pubescens (Sims) H.B.Will. / Goodia pubescens Sims
<b>1043.</b>	
	Hedysarum alpinum L.
<b>1044.</b>	
	Kennedia rubicunda Vent.
<b>1045.</b>	
	Laburnum alpinum (Mill.) Bercht. et J. Presl
<b>1046.</b>	
	* Laburnum anagyroides Medik.
<b>1047.</b>	
	Lathyrus japonicus subsp. maritimus (L.) P.W.Ball
<b>1048.</b>	
	Lathyrus niger (L.) Bernh.
<b>1049.</b>	
	* Lespedeza juncea (L. f.) Pers. / Lespedeza hedysaroides (Pall.) Kitag.
<b>1050.</b>	
	Lupinus polyphyllus Lindl.
<b>1051.</b>	
	Melilotus albus Medik.
<b>1052.</b>	
	Melilotus officinalis (L.) Lam.
<b>1053.</b>	
	Onobrychis arenaria (Kit.) DC.
<b>1054.</b>	
	Ononis spinosa L. / Ononis campestris Koch & Ziz
<b>1055.</b>	
	^ Paraserianthes lophantha (Willd.) I.C.Nielsen
<b>1056.</b>	
	Phaseolus coccineus L.
<b>1057.</b>	
	Phaseolus coccineus L. cv. Bicolor
<b>1058.</b>	
	^ Rhynchosia caribaea (Jacq.) DC.
<b>1059.</b>	
	Thermopsis montana Torr. & A.Gray
<b>1060.</b>	
	Trifolium arvense L.
<b>1061.</b>	
	<b>Liliaceae</b>
<b>1062.</b>	
	Erythronium sibiricum (Fisch. et C. A. Mey) Kryl.
<b>1063.</b>	
	Fritillaria acmopetala Boiss.

	Fritillaria eduardii A.Regel ex Regel
1064.	
	Fritillaria imperialis L. f.lutea
1065.	
	Fritillaria imperialis L. f. rubra
1066.	
	* Fritillaria meleagris L.
1067.	
	* Fritillaria montana Hoppe ex W.D.J.Koch
1068.	
	* Fritillaria pyrenaica L.
1069.	
	* Fritillaria uva-vulpis Rix
1070.	
	Lilium henryi Baker
1071.	
	Lilium lankongense Franch.
1072.	
	Lilium martagon L.
1073.	
	Lilium martagon L. / Lilium caucasicum (Miscz.) Grossh.
1074.	
	Lilium pensylvanicum Ker Gawl. / Lilium dauricum Ker Gawl.
1075.	
	Tulipa biebersteiniana Schult. & Schult.f.
1076.	
	Tulipa biflora Pall.
1077.	
	Tulipa iliensis Regel
1078.	
	Tulipa neustruevae Pobed.
1079.	
	Tulipa polychroma Stapf
1080.	
	Tulipa tarda Stapf
1081.	
	<b>Linaceae</b>
	Linum austriacum L.
1082.	
	<b>Lytraceae</b>
	Lythrum salicaria L.
1083.	
	<b>Magnoliaceae</b>

	Magnolia acuminata (L.) L.
1084.	
	Magnolia sieboldii K. Koch
1085.	
<b>Malvaceae / Tiliaceae</b>	
	Abutilon mauritianum (Jacq.) Medik.
1086.	
	Althaea cannabina L.
1087.	
	Althaea officinalis L.
1088.	
	Alyogyne huegelii (Engl.) Fryxell
1089.	
	Hibiscus manihot L.
1090.	
	Kosteletzkya pentacarpos (L.) Ledeb.
1091.	
	Malva moschata L.
1092.	
	Sida hermaphrodita Rusby
1093.	
	Sidalcea oregana (Nutt. ex Torr. & A. Gray) A. Gray
1094.	
	Tilia americana L.
1095.	
	Tilia cordata Mill.
1096.	
<b>Melanthiaceae / Liliaceae / Colchicaceae</b>	
	Anticlea elegans (Pursh) Rydb.
1097.	
	Veratrum californicum Durand.
1098.	
	Veratrum lobelianum Bernh.
1099.	
	Veratrum nigrum L.
1100.	
<b>Meliaceae</b>	
	Cipadessa baccifera (Roth) Miq. / Cipadessa fruticosa var. cinerascens Pellegr.
1101.	
<b>Menispermaceae</b>	
	Menispermum canadense L.
1102.	

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**Moraceae**

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*Morus alba* L.

**1103.**

*Morus nigra* L.

**1104.**

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**Myodocarpaceae / Araliaceae**

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^ *Delarbrea paradoxa* Vieill. / *Delarbrea lauterbachii* Harms  
**1105.**

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**Myrtaceae**

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^ *Callistemon flavovirens* (Cheel) Cheel  
**1106.**

^ *Callistemon lanceolatus* (Sm.) Sweet  
**1107.**

^ *Callistemon speciosus* (Sims) Sweet  
**1108.**

^ *Calothamnus validus* S.Moore  
**1109.**

^ *Decaspermum gracilentum* (Hance) Merr. & L.M.Perry  
**1110.**

^ \* *Myrtus communis* L.  
**1111.**

^ \* *Plinia cauliflora* (Mart.) Kausel / *Myrciaria jaboticaba* (Vell.) O.Berg.  
**1112.**

*Psidium humile* Vell.  
**1113.**

^ *Syzygium smithii* (Poir.) Nied. / *Acmena smithii* (Poir.) Merr. & L.M.Perry  
**1114.**

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**Nelumbonaceae**

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^ *Nelumbo nucifera* Gaertn.  
**1115.**

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**Nyctaginaceae**

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*Mirabilis jalapa* L.  
**1116.**

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**Ochnaceae**

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^ *Ochna atropurpurea* DC.  
**1117.**

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**Oleaceae**

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	Forsythia ovata Nakai
<b>1118.</b>	
<b>1119.</b>	Fraxinus angustifolia subsp. oxycarpa (Willd.) Franco & Rocha Afonso / Fraxinus oxycarpa Willd.
<b>1120.</b>	Fraxinus angustifolia subsp. oxycarpa (Willd.) Franco & Rocha Afonso / Fraxinus pojarkoviana V.N.Vassil.
<b>1121.</b>	Jasminum humile L.
<b>1122.</b>	Ligustrum tschonoskii Decne.
<b>1123.</b>	* Syringa wolfii C.K.Schneid.
<hr/>	
	<b>Onagraceae</b>
<b>1124.</b>	Epilobium angustifolium L. / Chamaenerion angustifolium (L.) Scop.
<b>1125.</b>	Epilobium dodonaei Vill. / Chamaenerion dodonaei (Vill.) Kost.
<b>1126.</b>	Oenothera biennis L.
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	<b>Orchidaceae</b>
<b>1127.</b>	Cypripedium calceolus L.
<b>1128.</b>	Dactylorhiza aristata (Fisch. ex Lindl.) Soó
<b>1129.</b>	Dactylorhiza baltica (Klinge) Nevski
<b>1130.</b>	Dactylorhiza fuchsii (Druce) Soó
<b>1131.</b>	Dactylorhiza majalis subsp. baltica (Klinge) H.Sund. / Dactylorhiza baltica (Klinge) Orlova
<b>1132.</b>	* Gymnadenia conopsea (L.) R.Br.
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	<b>Paeoniaceae</b>
<b>1133.</b>	Paeonia anomala L.
<b>1134.</b>	Paeonia anomala L. (collected on Altay)
<b>1135.</b>	Paeonia anomala L. (collected in Finland)
<b>1136.</b>	Paeonia anomala subsp. veitchii (Lynch) D.Y.Hong & K.Y.Pan / Paeonia veitchii var. beresowskii (Kom.) Schipcz.
<b>1137.</b>	Paeonia anomala subsp. veitchii (Lynch) D.Y.Hong & K.Y.Pan / Paeonia veitchii Lynch

	Paeonia arietina G.Andrson
<b>1138.</b>	
	Paeonia daurica Andrews
<b>1139.</b>	
	Paeonia daurica subsp. coriifolia (Rupr.) D.Y.Hong / Paeonia caucasica (Schipcz) Schipzc.
<b>1140.</b>	
	Paeonia daurica subsp. mlokosewitschii (Lomakin) D.Y.Hong / Paeonia mlokosewitschii Lomak.
<b>1141.</b>	
	Paeonia daurica subsp. wittmanniana (Hartwiss ex Lindl.) D.Y.Hong / Paeonia wittmanniana Hartwiss ex Lindl.
<b>1142.</b>	
	Paeonia lactiflora Pall.
<b>1143.</b>	
*	Paeonia mascula (L.) Mill. / Paeonia corallina Retz.
<b>1144.</b>	
	Paeonia officinalis L.
<b>1145.</b>	
	Paeonia peregrina Mill.
<b>1146.</b>	
	Paeonia suffruticosa Andr.
<b>1147.</b>	
	Paeonia suffruticosa Andr. f. flore alba
<b>1148.</b>	
*	Paeonia suffruticosa Andr. f. flore rosea
<b>1149.</b>	
	Paeonia tenuifolia L.
<b>1150.</b>	
<hr/> <b>Papaveraceae / Fumariaceae</b> <hr/>	
	Chelidonium majus L.
<b>1151.</b>	
	Chelidonium majus L. f. flore plena
<b>1152.</b>	
	Chelidonium majus L. var. laciniatum Koch
<b>1153.</b>	
	Corydalis ambigua Cham. & Schldl.
<b>1154.</b>	
	Corydalis bracteata (Steph. ex Willd.) Pers
<b>1155.</b>	
	Corydalis nobilis (L.) Pers.
<b>1156.</b>	
	Corydalis ochotensis Turcz.
<b>1157.</b>	
*	Corydalis ochroleuca Koch.
<b>1158.</b>	
	Corydalis solida (L.) Clairv.
<b>1159.</b>	
	Glaucium flavum Crantz
<b>1160.</b>	

	Meconopsis paniculata (D. Don) Prain
<b>1161.</b>	Papaver atlanticum Coss.
<b>1162.</b>	Papaver orientale L.
<b>1163.</b>	Papaver rhoes L.
<b>1164.</b>	*
<b>1165.</b>	Pseudofumaria lutea (L.) Borkh. / Corydalis lutea (L.) DC.
<b>1166.</b>	Sanguinaria canadensis L.
	<b>Passifloraceae</b>
	Passiflora suberosa L.
<b>1167.</b>	
	<b>Phytolaccaceae</b>
	Phytolacca americana L.
<b>1168.</b>	^ * Rivina humilis L.
<b>1169.</b>	
	<b>Pinaceae</b>
	* Larix czekanowskii Szafer
<b>1170.</b>	
	Larix decidua Mill.
<b>1171.</b>	
	* Larix kaempferi (Lamb.) Carrière
<b>1172.</b>	
	* Picea asperata Mast.
<b>1173.</b>	
	* Picea pungens f. argentea Rosental
<b>1174.</b>	
	Pinus peuce Griseb.
<b>1175.</b>	
	Pinus sibirica Du Tour
<b>1176.</b>	
	Pseudotsuga menziesii (Mirb.) Franco
<b>1177.</b>	
	<b>Piperaceae</b>
	^ Peperomia bernieriana Miq.
<b>1178.</b>	
	^ Peperomia bicolor Sadiro
<b>1179.</b>	

1180.	Peperomia blanda (Jacq.) Kunth ^
1181.	Peperomia caperata Yunck. ^
1182.	Peperomia maculosa (L.) Hook. ^
1183.	Peperomia puberulispica C.DC. ^
1184.	Peperomia polystachya (Aiton) Hook. ^
<b>Pittosporaceae</b>	
1185.	Pittosporum crassifolium Banks et Sol. ex A.Cunn. ^
<b>Plumbaginaceae / Limoniaceae</b>	
1186.	Goniolimon tataricum (L.) Boiss. *
<b>Plantaginaceae / Scrophulariaceae</b>	
1187.	Digitalis grandiflora Mill.
1188.	Gratiola officinalis L.
1189.	Plantago lanceolata L.
1190.	Plantago maritima L.
1191.	Veronica longifolia L. cv. Shirly
1192.	* Veronicastrum sibiricum (L.) Pennell
1193.	Veronicastrum virginicum (L.) Farw. / Veronica virginica L.
<b>Poaceae</b>	
1194.	* Anthoxanthum odoratum L.
1195.	Briza media L.
1196.	Festuca elbrusica E.B.Alexeev
1197.	* Festuca ovina L.
1198.	Festuca pallens Host

1199.	*	<i>Hierochloe odorata</i> (L.) P.Beauv.
1200.		<i>Hordeum jubatum</i> L.
1201.		<i>Melica transsilvanica</i> Schur
1202.	*	<i>Molinia caerulea</i> (L.) Moench.
1203.	^	<i>Oryza sativa</i> L.
1204.		<i>Poa alpina</i> L.
1205.	*	<i>Sesleria caerulea</i> (L.) Ard.
1206.		<i>Sorghum bicolor</i> (L.) Moench
1207.		<i>Sorghum bicolor</i> (L.) Moench / <i>Sorghum nigrum</i> (Ard.) Roem. & Schult.
1208.		<i>Stipa capillata</i> L.
1209.		<i>Stipa pennata</i> L.
1210.	*	<i>Stipa tirsa</i> Steven
<b>Polemoniaceae</b>		
1211.		<i>Polemonium caeruleum</i> L.
1212.		<i>Polemonium caucasicum</i> N.Busch
<b>Polygonaceae</b>		
1213.		<i>Persicaria bistorta</i> (L.) Samp. / <i>Polygonum bistorta</i> L.
1214.		<i>Polygonum carneum</i> C.Koch
1215.	*	<i>Polygonum coriarium</i> Grig.
1216.	*	<i>Polygonum divaricatum</i> L.
1217.		<i>Polygonum hissaricum</i> M.Pop.
1218.	*	<i>Polygonum jurii</i> A.K.Skvortsov
1219.		<i>Polygonum soongoricum</i> Schrenk

	*	Polygonum weyrichii F.Schmidt
<b>1220.</b>	*	Rheum alexandrae Batalin
<b>1221.</b>	*	Rheum palmatum L. / Rheum palmatum ssp. tanguticum (Maxim.) Stapf.
<b>1222.</b>	*	Rheum wittrockii C.E.Lundstr.
<b>1223.</b>	*	Rumex confertus Willd.
<b>1224.</b>	*	Rumex crispus L.
<b>1225.</b>		

**Primulaceae**

	^	Ardisia japonica (Thunb.) Blume / Sarcandra glabra (Thunb.) Nakai
<b>1226.</b>	^	Ardisia solanacea (Poir.) Roxb.
<b>1227.</b>	^	Ardisia wallichii A.DC.
<b>1228.</b>	*	Maesa argentea (Wall.) A. DC.
<b>1229.</b>		Primula florindae (Kongdon) Ward
<b>1230.</b>		Primula japonica A. Gray
<b>1231.</b>	*	Primula macrocalys Bunge
<b>1232.</b>		Primula pallasii Lehm.
<b>1233.</b>	*	Primula patens E.A. Busch / Primula sieboldii Morr.
<b>1234.</b>		Primula polonensis Fed.
<b>1235.</b>		Primula veris L.
<b>1236.</b>		

**Proteaceae**

	^	Grevillea banksii R.Br.
<b>1237.</b>		Stenocarpus salignus R.Br.
<b>1238.</b>		

**Pyrolaceae**

	*	Pyrola rotundifolia L.
<b>1239.</b>		

	<b>Ranunculaceae</b>
<b>1240.</b>	* <i>Aconitum barbatum</i> Pers.
<b>1241.</b>	* <i>Aconitum delavayi</i> Franch.
<b>1242.</b>	<i>Aconitum kirinense</i> Nakai
<b>1243.</b>	<i>Aconitum kusnezoffii</i> Rchb.
<b>1244.</b>	* <i>Aconitum moldavicum</i> Hacq.
<b>1245.</b>	* <i>Aconitum orientale</i> Mill.
<b>1246.</b>	<i>Aconitum septentrionale</i> Koelle
<b>1247.</b>	<i>Aconitum soongaricum</i> Stapf
<b>1248.</b>	<i>Aconitum thyraicum</i> Blocki
<b>1249.</b>	* <i>Aconitum vulparia</i> Rchb.
<b>1250.</b>	<i>Actaea cimicifuga</i> L. / <i>Cimicifuga foetida</i> L.
<b>1251.</b>	* <i>Actaea europaea</i> (Schipcz.) J. Compton / <i>Cimicifuga europaea</i> Schipcz.
<b>1252.</b>	* <i>Actaea heracleifolia</i> (Kom.) J.Compton / <i>Cimicifuga heracleifolia</i> Kom.
<b>1253.</b>	* <i>Actaea japonica</i> Thunb. / <i>Cimicifuga japonica</i> (Thunb.) Spreng.
<b>1254.</b>	<i>Actaea rubra</i> (Aiton) Willd. / <i>Actaea erythrocarpa</i> Fisch.
<b>1255.</b>	* <i>Actaea rubra</i> (Aiton) Willd. / <i>Actaea spicata</i> f. <i>arguta</i> (Nutt. ex Torr. & A.Gray) Huth
<b>1256.</b>	<i>Actaea spicata</i> L.
<b>1257.</b>	<i>Actaea spicata</i> L. f. <i>rubra</i>
<b>1258.</b>	<i>Adonis vernalis</i> L.
<b>1259.</b>	<i>Anemone cylindrica</i> A.Gray
<b>1260.</b>	<i>Anemone dichotoma</i> L. / <i>Anemonidium dichotomum</i> (L.) Holub
<b>1261.</b>	<i>Anemone flavescentia</i> Zucc. / <i>Pulsatilla flavescentia</i> (Zucc.) Juz.
<b>1262.</b>	<i>Anemone multifida</i> Poir.

	Anemone pratensis L. / Pulsatilla pratensis (L.) Mill.
1263.	
	Anemone pratensis L. / Pulsatilla rubra (Lam.) Delarbe
1264.	
	Anemone pulsatilla L. / Pulsatilla vulgaris Mill.
1265.	
	Anemone pulsatilla L. / Pulsatilla vulgaris Mill. cv. Alba
1266.	
	Anemone pulsatilla L. / Pulsatilla vulgaris Mill. cv. Parageno
1267.	
	Anemone pulsatilla L. / Pulsatilla vulgaris Mill. cv. Serotina
1268.	
	Anemone pulsatilla L. hortus hybrida
1269.	
	Anemone rubra Lam. / Pulsatilla rubra subsp. hispanica Zimm. ex Aichele & Schwegler
1270.	
	*
	Anemone scabiosa H.Lév. & Vaniot
1271.	
	Anemone slavica G.Reuss / Pulsatilla halleri subsp. slavica (G.Reuss) Zämelis
1272.	
	*
	Anemone sylvestris L.
1273.	
	Anemone sylvestris L. cv. Grandiflora
1274.	
	Aquilegia flabellata Siebold & Zucc. cv. Blue Angel
1275.	
	*
	Aquilegia olympica Boiss.
1276.	
	Aquilegia oxysepala Trautv. & C.A.Mey.
1277.	
	Aquilegia viridiflora Pall.
1278.	
	*
	Aquilegia vulgaris L.
1279.	
	*
	Clematis integrifolia L.
1280.	
	*
	Clematis mandschurica (Rupr.) Maxim.
1281.	
	Clematis recta L.
1282.	
	*
	Clematis vitalba L.
1283.	
	*
	Delphinium elatum L.
1284.	
	Eranthis hyemalis (L.) Salisb.
1285.	
	Helleborus abchasicus A.Braun
1286.	

	Helleborus caucasicus A.Braun
1287.	
	* Helleborus foetidus L.
1288.	
	* Helleborus niger L.
1289.	
	* Helleborus orientalis Lam.
1290.	
	* Nigella domascena L.
1291.	
	Pulsatilla albana (Stev.) Bercht. & J. Presl
1292.	
	Pulsatilla ambigua (Turcz. ex Hayek) Juz.
1293.	
	Pulsatilla bungeana C.A.Mey. ex Ledeb. / Anemone bungeana Pritz.
1294.	
	Pulsatilla campanella Fisch. ex Krylov
1295.	
	Pulsatilla gayeri Simonk.
1296.	
	Pulsatilla regeliana (Maxim.) Krylov
1297.	
	* Pulsatilla turczaninovii Krylov & Serg.
1298.	
	Pulsatilla violacea Rupr.
1299.	
	Pulsatilla violacea Rupr. / Pulsatilla georgica Rupr.
1300.	
	* Ranunculus cassubicus L.
1301.	
	Ranunculus illyricus L.
1302.	
	* Ranunculus japonicus var propinquur (C.A.Mey.) W.T.Wang / Ranunculus stevenii Andrz.
1303.	
	Thalictrum aquilegiifolium L.
1304.	
	* Thalictrum flavum L.
1305.	
	* Thalictrum minus L.
1306.	
	Thalictrum minus L. cv. Adiantifolium
1307.	
	Trollius asiaticus L.
1308.	
	Trollius chinensis Bunge / Trollius macropetalus (Regel) Fr. Schmidt
1309.	
	Trollius europaeus L.
1310.	

<b>Rhamnaceae</b>	
1311.	<i>Rhamnus cathartica</i> L.
1312.	<i>Rhamnus japonica</i> Maxim.
1313.	<i>Rhamnus schneideri</i> H. Lév. et Vaniot
<b>Rosaceae</b>	
1314.	<i>Acaena buchananii</i> Hook.f.
1315.	* <i>Adenorachis arbutifolia</i> (L.) Nieuwl. (unresolved)
1316.	* <i>Agrimonia eupatoria</i> L.
1317.	* <i>Agrimonia pilosa</i> Ledeb.
1318.	* <i>Agrimonia procera</i> Wallr.
1319.	<i>Aronia arbutifolia</i> (L.) Elliott
1320.	<i>Aruncus dioicus</i> (Walter) Fernald. / <i>Aruncus vulgaris</i> Raf.
1321.	<i>Aruncus dioicus</i> var. <i>aethusifolius</i> (H.L.v.) H.Hara / <i>Aruncus aethusifolius</i> (H.L.v.) Nakai
1322.	<i>Bossekkia odorata</i> (L.) Greene
1323.	* <i>Chaenomelis japonica</i> (Thunb.) Lindl. ex Spach.
1324.	<i>Chaenomeles sinensis</i> (Dum.Cours.) Koehne
1325.	<i>Cotoneaster divaricatus</i> Rehder & E.H.Wilson
1326.	<i>Cotoneaster foveolatus</i> Rehder et E.H. Wilson
1327.	* <i>Cotoneaster hjelmqvistii</i> Flinck & B.Hylm"
1328.	* <i>Cotoneaster lucidus</i> Schltdl. / <i>Cotoneaster acutifolius</i> var. <i>lucidus</i> (Schltdl.) L.T.Lu
1329.	* <i>Cotoneaster megalocarpus</i> Popov
1330.	<i>Cotoneaster melanocarpus</i> G.Lodd
1331.	* <i>Cotoneaster microphyllus</i> Wall. ex Lindl.

<b>1332.</b>	Cotoneaster microphyllus var. cochleatus (Franch.) Rehder & E.H.Wilson(unresolved)
<b>1333.</b>	Cotoneaster pannosus Franch.
<b>1334.</b>	* Cotoneaster tomentosus C.A.Mey. (unresolved)
<b>1335.</b>	* Crataegus almaatensis Pojark.
<b>1336.</b>	Crataegus caucasica K. Koch
<b>1337.</b>	* Crataegus flabellata (Bosc ex Spach) Rydb.
<b>1338.</b>	* Crataegus horridula Sarg. (unresolved)
<b>1339.</b>	Crataegus pinnatifida Bunge
<b>1340.</b>	Crataegus x prunifolia (Pojar.) Pers.
<b>1341.</b>	Crataegus rhipidophylla var. lindmanii (Hrabětová) K.I.Chr. / Crataegus × dunensis Cinovskis
<b>1342.</b>	* Crataegus submollis Sarg. (unresolved)
<b>1343.</b>	Dasiphora fruticosa (L.) Rudb. / Penthaphylloides fruticosa (L.) O.Schwarz.
<b>1344.</b>	Dryas octopetala L.
<b>1345.</b>	^ Eriobotrya japonica (Thunb.) Lindl.
<b>1346.</b>	* Filipendula ulmaria (L.) Maxim.
<b>1347.</b>	Filipendula vulgaris Moench
<b>1348.</b>	* Fragaria vesca L.
<b>1349.</b>	* Fragaria virginiana Duchesne
<b>1350.</b>	* Geum aleppicum Jaq.
<b>1351.</b>	* Geum rivale L.
<b>1352.</b>	* Holodiscus discolor (Pursh.) Maxim.
<b>1353.</b>	Malus baccata (L.) Borkh.
<b>1354.</b>	Malus cerasifera Spach (not name)
<b>1355.</b>	* Malus floribunda Siebold ex Van Houtte (unresolved)

	Malus halliana Koehne
1356.	
1357.	Malus mandshurica (Maxim.) Kom. ex Juz. / Malus mandshurica (Maxim.) Kom.
1358.	Malus niedzwetzkyana Dieck ex Koehne
1359.	Malus orientalis Uglitzk. ex Juz.
1360.	Malus × prunifolia (Willd.) Borkh.
1361.	* Malus × purpurea (E. Barbier) Rehder (not name)
1362.	Malus sachalinensis Kom. ex Juz.
1363.	Malus sieboldii (Regel) Rehder
1364.	Malus sylvestris (L.) Mill.
1365.	Mespilus germanica L.
1366.	Photinia villosa (Thunb.) DC.
1367.	Potentilla × hybrida Wallr.
1368.	* Potentilla erecta (L.) Raeusch.
1369.	Potentilla megalantha Takeda
1370.	* Potentilla recta L.
1371.	* Potentilla rupestris L.
1372.	Potentilla supina subsp. paradoxa (Nutt. ex Torr. et A. Gray) Sojk / Tridophyllum nicolletii (S. Watson) Greene
1373.	Pyrus communis L.
1374.	Pyrus pyraster (L.) Burgsd.
1375.	^ Rhaphiolepis indica (L.) Lindl.
1376.	Rosa amblyotis C.A.Mey.
1377.	Rosa canina L. "Schmidt s Ideal"
1378.	* Rosa damascena Mill.
1379.	Rosa davurica Pall.

	Rosa gallica L.
1380.	
1381.	Rosa glauca Pourr. / Rosa rubrifolia Villars
1382.	Rosa hirtula (Regel) Nakai
1383.	* Rosa multiflora Thunb.
1384.	Rosa rugosa Thunb.
1385.	Rosa spinosissima L.
1386.	Rosa spinosissima L. / Rosa altaica Will.
1387.	Rosa spinosissima L. / Rosa myriacantha DC.
1388.	Rosa spinosissima L. / Rosa pimpinellifolia L.
1389.	Rosa spinosissima L. forma flore plena
1390.	Rosa sweginzowii Koehne
1391.	* Rubus caesius L.
1392.	* Sanguisorba minor subsp. balearica (Bourg. ex Nyman) Muos Garm. et C.Navarro / Poterium polygamum Waldst. et Kit.
1393.	Sanguisorba obtuse Maxim.
1394.	* Sanguisorba officinalis L.
1395.	* Sanguisorba tenuifolia Fisch. ex Link.
1396.	* Sibbaldia procumbens L.
1397.	Sorbaria kirilowii (Regel) Maxim.
1398.	Sorbus commixta Hedl.
1399.	Sorbus eburnea McAll.
1400.	Sorbus frutescens McAll.
1401.	Sorbus kusnetzovii Zinserl.
1402.	Sorbus mougeotii Soy.-Will. et Godr.

	Sorbus persica Hedl.
1403.	
1404.	Sorbus sambucifolia (Cham. et Schleidl.) M. Roem.
1405.	Sorbus tauricola Zaik.
1406.	Spiraea × foxii hort. ex Zabel
1407.	Spiraea betulifolia Pall.
1408.	Spiraea douglasii Hook.
1409.	Spiraea japonica L.f.
1410.	Spiraea miyabei Koidz.
1411.	Spiraea salicifolia L.
1412.	Spiraea trilobata L.
1413.	Stephanandra chinensis Hance
<hr/>	
<b>Rubiaceae / Caprifoliaceae</b>	
1414.	Cephaelanthus occidentalis L.
1415.	^ Coffea arabica L.
1416.	* Galium intermedium Schult.
1417.	* Lasianthus hirsutus (Roxb.) Merr. / Triosteum erythrocarpum Happy Sm.
1418.	^ Psychotria maingayi Hook.f.
1419.	^ Psychotria punctata Vatke
1420.	Rubia tinctoria Salisb.
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<b>Rutaceae</b>	
1421.	^ Melicope ternata J.R.Forst. et G.Forst
1422.	Phellodendron amurense Rupr.
1423.	* Ptelea trifoliata L.

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\* *Ruta graveolens* L.  
**1424.**

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**Sapindaceae / Aceraceae / Hippocastaneaceae**  
**1425.** *Acer barbinerve* Maxim. ex Miq.

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**1426.** *Acer campestre* L.

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**1427.** *Acer henryi* Pax

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**1428.** *Acer mandshuricum* Maxim.

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**1429.** \*\* *Acer palmatum* Thunb.

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**1430.** *Acer platanoides* L.

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**1431.** *Acer tataricum* L.

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**1432.** *Aesculus flava* Sol.

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**1433.** *Aesculus glabra* Willd.

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**1434.** *Aesculus hippocastanum* L.

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**1435.** *Dodonaea viscosa* (L.) Jacq.

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**Saxifragaceae**

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\* *Astilboides tabularis* (Hemsl.) Engl.  
**1436.**

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\* *Bergenia crassifolia* (L.) Fritsch  
**1437.**

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\* *Bergenia crassifolia* var. *pacifica* (Kom.) Kom. ex Nekr. /  
**1438.** *Bergenia pacifica* Kom.

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\* *Bergenia purpurascens* (Hook.f. et Thomson) Engl.  
**1439.**

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\* *Bergenia stracheyi* (Hook f. et Thoms.) Engl.  
**1440.**

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\* *Heuchera cylindrical* Douglas  
**1441.**

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*Heuchera micrantha* Douglas ex Lindl. cv. *Palace Purple*  
**1442.**

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\* *Saxifraga rotundifolia* L.  
**1443.**

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**Scrophulariaceae**

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	Scrophularia cretacea Fisch. ex Spreng.
<b>1444.</b>	
	Scrophularia nodosa L.
<b>1445.</b>	
	<b>Solanaceae</b>
	Capsicum chinense Jacq.
<b>1446.</b>	
	Datura stramonium L.
<b>1447.</b>	
	Scopolia carniolica Jacq.
<b>1448.</b>	
	Scopolia carniolica Jacq. var. brevifolia Dum.
<b>1449.</b>	
	* Scopolia caucasica Kolesn. ex Kreyer
<b>1450.</b>	
	Solanum kitagawae Schonb.-Tem.
<b>1451.</b>	
	* Solanum pseudocapsicum var. diflorum (Vell.) Bitter cv. Variegata / Solanum capsicastrum Link ex Schauer
	<b>Taxaceae</b>
	Taxus baccata L.
<b>1453.</b>	
	Taxus cuspidata Siebold et Zucc.
<b>1454.</b>	
	Taxus × media Rehder
<b>1455.</b>	
	<b>Taxodiaceae</b>
	* Cryptomeria japonica cv. aurea
<b>1456.</b>	
	<b>Thymelaeaceae</b>
	* Daphne giraldii Nitsche
<b>1457.</b>	
	Daphne mezereum L. / Daphne mezereum L. var. album Aiton
<b>1458.</b>	
	Daphne mezereum L. f. alba
<b>1459.</b>	
	<b>Tropaeolaceae</b>
	Tropaeolum x cultorum hortus hybridus
<b>1460.</b>	

<b>Urticaceae</b>	
<b>1461.</b>	<i>Debregeasia longifolia</i> (Burm.f.) Wedd.
<b>1462.</b>	<i>Urtica dioica</i> L.
<b>Violaceae</b>	
<b>1463.</b>	<i>Viola cornuta</i> L.
<b>1464.</b>	<i>Viola labradorica</i> Schrank
<b>1465.</b>	<i>Viola tricolor</i> L.
<b>Vitaceae</b>	
<b>1466.</b>	<i>Vitis amurensis</i> Rupr.
<b>1467.</b>	* <i>Vitis vulpina</i> L. / <i>Vitis riparia</i> Michx.
<b>Xanthorrhoeaceae / Aloaceae, Asparagaceae, Asphodelaceae, Hemerocallidaceae, Liliaceae, Phormiaceae</b>	
<b>1468.</b>	* <i>Asphodelus albus</i> Mill.
<b>1469.</b>	<i>Asphodelus albus</i> subsp. <i>occidentalis</i> (Jord.) Z.Díaz et Valdés
<b>1470.</b>	* <i>Asphodelus tenuifolius</i> Cav. / <i>Ornithogalum flavum</i> Forssk.
<b>1471.</b>	^ <i>Dianella caerulea</i> Sims
<b>1472.</b>	^ <i>Dianella intermedia</i> Engl.
<b>1473.</b>	<i>Dianella tasmanica</i> Hook.f.
<b>1474.</b>	* <i>Eremurus spectabilis</i> M. Bieb.
<b>1475.</b>	<i>Hemerocallis esculenta</i> Koidz.
<b>1476.</b>	<i>Hemerocallis lilioasphodelus</i> L.
<b>1477.</b>	<i>Hemerocallis middendorffii</i> Trautv. et C. A. Mey
<b>1478.</b>	* <i>Hemerocallis minor</i> Mill.
<b>1479.</b>	^ * <i>Phormium colensoi</i> Hook.f.

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<b>Zingiberaceae</b>
Hedychium coccineum Buch.-Ham. ex Sm.
1480.

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**PARS II. SEMINA PLANTARUM IN DIVERSIS REGIONIBUS CULTA**


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Ditio Leningradensis, In districtu Vyborg, prope pagum Olschaniki;
Legit K.G. Tkachenko
1481 Gladiolus imbricatus L.
1482. Helianthus tuberosus L.
1483. Phlox paniculatus hortus hybrida
1484. Sinopodophyllum hexandrum (Royle) T.S.Ying
1485. Trigonella caerulea (L.) Ser.

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**PARS III. SEMINA PLANTARUM SPONTANEARUM A VARIIS  
COLLECTORIBUS IN DIVERSIS REGIONIBUS LECTA**


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North-West Russia
Leningrad region; Novgorodskiy provincia, Pskovskaya provincia
(Cherepanov, 1995; Tsvelev, 2000)
1486. * <b>Achilela millefolium</b> L. Leningrad region, In districtu Vyborg, prope pagum Olschaniki, Legit K.G. Tkachenko
1487. <b>Agrimonia eupatoria</b> L. Leningrad region, village Elizavetino. July 2016. Legit : Konechnaja G.Yu, Kovbasina O.E.
1488. <b>Alisma plantago-aquatica</b> L. Leningrad region, Districtus Luga, prope pagum Tolmaczevo, Legit T. Latmanisova
1489. * <b>Anthemis tinctoria</b> L. Leningrad region, in vicin Podporozhiye; Legit G.Yu. Konechnaya
1490. <b>Anthyllis vulneraria</b> L. Leningrad region, Districtus Luga, prope pagum Tolmaczevo, Legit T. Latmanisova
1491. * <b>Arctium lappa</b> L. L. Leningrad region, In districtu Vyborg, prope pagum Olschaniki, Legit K.G. Tkachenko
1492. <b>Arctostaphylos uva ursi</b> (L.) Spreng. Leningrad region, Districtus Luga, prope pagum Tolmaczevo, Legit T. Latmanisova
1493. <b>Arctostaphylos uva ursi</b> (L.) Spreng. Leningrad region, In districtu Vyborg, prope pagum Olschaniki, Legit K.G. Tkachenko
1494. * <b>Arctostaphylos uva-ursi</b> L. Leningrad region, In regione Luga, Legit O.E. Kovbasina, N.G. Kutyaviva

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1495.	<b>Artemisia vulgaris</b> L. Leningrad region, In districtu Vyborg, prope pagum Olschaniki, Legit K.G. Tkachenko
1496.	<b>Astragalus glycyphyllos</b> L. Leningrad region, Luga district, village Zarech'e. Sept. 2016. Legit : Konechnaja G.Yu.
1497.	<b>Bidens tripartita</b> L. Leningrad region, Districtus Luga, prope pagum Tolmaczevo, Legit T. Latmanisova
1498.	<b>Brachypodium pinnatum</b> (L.) P.Beauv. Leningrad region, village Elizavetino. July 2016. Legit : Konechnaja G.Yu, Kovbasina O.E.
1499.	<b>Briza media</b> L. Leningrad region, Gatchina district village Tyaglino. Sept. 2016. Legit : Konechnaja G.Yu, Kovbasina O.E.
1500.	* <b>Calendula officinalis</b> L. Leningrad region, In districtu Vyborg, prope pagum Olschaniki, Legit K.G. Tkachenko
1501.	* <b>Calla palustris</b> L. Leningrad region, In districtu Vyborg, prope pagum Olschaniki, Legit K.G. Tkachenko
1502.	<b>Campanula glomerata</b> L. Leningrad region, Gatchina district village Tyaglino. Sept. 2016. Legit : Konechnaja G.Yu, Kovbasina O.E.
1503.	<b>Campanula latifolia</b> L. Leningrad region, Lomonosov district of the village Wilkowice, Ashenvale. Sept. 2016. Legit : Konechnaja G.Yu.
1504.	* <b>Campanula persicifolia</b> L. Leningrad region, 3 kilometrum affectus rus Bolshie Ozertcy; Legit G.Yu. Konechnaya, O.E. Kovbasina
1505.	<b>Capsella bursa – pastoris</b> (L.) Medik. Leningrad region, In districtu Vyborg, prope pagum Olschaniki, Legit K.G. Tkachenko
1506.	* <b>Carex flava</b> L. Leningrad region, Schalovo-Peretchiskiy reservatum, in vicin Krupeli; Legit G.Yu. Konechnaya, O.E. Kovbasina
1507.	* <b>Carex pseudocyparis</b> L. Leningrad region, In regio Luga, In vicin rus Verduga; Legit G.Yu. Konechnaya, O.E. Kovbasina
1508.	* <b>Carex sylvatica</b> Huds. Leningrad region, Slantchewskiy region, in vicin Vtroya; Legit G.Yu. Konechnaya
1509.	<b>Centaurea scabiosa</b> L. Leningrad region, village Ermolino. Sept. 2016. Legit : Konechnaja G.Yu, Kovbasina O.E.
1510.	* <b>Chimaphila umbellata</b> (L.) Barton Leningrad region, Schalovo-Peretchiskiy reservatum, in vicin Krupeli; Legit G.Yu. Konechnaya, O.E. Kovbasina
1511.	<b>Cichorium intybus</b> L. Leningrad region, village Elizavetino. July 2016. Legit : Konechnaja G.Yu, Kovbasina O.E.
1512.	<b>Cicuta virosa</b> L. Leningrad region, Districtus Luga, prope pagum Tolmaczevo, Legit T. Latmanisova
1513.	* <b>Cicuta virosa</b> L. Leningrad region, In vicin orbis Omchino; Legit G.Yu. Konechnaya, O.E. Kovbasina
1514.	* <b>Cladium mariscus</b> (L.) Pohl. Leningrad region, In vicin orbis Omchino; Legit G.Yu. Konechnaya, O.E. Kovbasina
1515.	<b>Colchicum autumnale</b> L. Leningrad region, Volosovsky district, the tract Zarech'e. Sept. 2016. Legit : Konechnaja G.Yu, Kovbasina O.E.
1516.	* <b>Convallaria majalis</b> L. Leningrad region, Districtus Luga, prope pagum Tolmaczevo, Legit T. Latmanisova
1517.	<b>Convallaria majalis</b> L. Leningrad region, In districtu Vyborg, prope pagum Olschaniki, Legit K.G. Tkachenko

1518.	* <b><i>Convallaria majalis</i></b> L. Leningrad region, In vicin rus Bolschie Klobutitcy; Legit G.Yu. Konechnaya, O.E. Kovbasina
1519.	<b><i>Convallaria majalis</i></b> L. Leningrad region, village Elizavetino. July 2016. Legit : Konechnaja G.Yu, Kovbasina O.E.
1520.	* <b><i>Cyanus segetum</i></b> Hill Leningrad region, In districtu Vyborg, prope pagum Olschaniki, Legit K.G. Tkachenko
1521.	* <b><i>Cypripedium calceolus</i></b> L. Leningrad region, Vallis fluvius Izhora In regione Pudost'. Legit E.V. Andronova, V. Semenova
1522.	* <b><i>Dactylorhiza baltica</i></b> (Klinge) Nevski Leningrad region, In districtu Vyborg, prope pagum Olschaniki, Legit K.G. Tkachenko
1523.	* <b><i>Daphne mezereum</i></b> L. Leningrad region, In districtu Vyborg, prope pagum Olschaniki, Legit K.G. Tkachenko
1524.	<b><i>Daucus carota</i></b> L. Leningrad region, village Elizavetino. July 2016. Legit : Konechnaja G.Yu, Kovbasina O.E.
1525.	* <b><i>Dianthus arenarius</i></b> L. Leningrad region, In regio Luga, In vicin rus Verduga; Legit G.Yu. Konechnaya, O.E. Kovbasina
1526.	* <b><i>Elymus caninus</i></b> (L.) L. Leningrad region, In vicin rus Bolschie Klobutitcy; Legit G.Yu. Konechnaya, O.E. Kovbasina
1527.	<b><i>Empetrum nigrum</i></b> L. Leningrad region, In districtu Vyborg, prope pagum Olschaniki, Legit K.G. Tkachenko
1528.	* <b><i>Epilobium hirsutum</i></b> L. Leningrad region, In vicin orbis Mokroye; Legit G.Yu. Konechnaya, O.E. Kovbasina
1529.	* <b><i>Epipactis atrorubens</i></b> (Hoffm.) Bess. Leningrad region, Vallis fluvius Izhora In regione Pudost'. Legit E.V. Andronova, V. Semenova
1530.	<b><i>Epipactis atrorubens</i></b> Rostk. ex Spreng. Leningrad region, Gatchina district village Tyaglino. Sept. 2016. Legit : Konechnaja G.Yu, Kovbasina O.E.
1531.	* <b><i>Epipactis palustris</i></b> (L.) Crantz Leningrad region, Schalovo-Peretchiskiy reservatum, in vicin Krupeli; Legit G.Yu. Konechnaya, O.E. Kovbasina
1532.	* <b><i>Epipactis palustris</i></b> (L.) Crantz Leningrad region, Vallis fluvius Izhora In regione Pudost'. Legit E.V. Andronova, V. Semenova
1533.	<b><i>Eupatorium cannabinum</i></b> L. Leningrad region, Lomonosov district of the village Wilkowice. Sept. 2016. Legit : Konechnaja G.Yu.
1534.	* <b><i>Euphorbia barodinii</i></b> Sambuk Novgorodskiy provincia, Malovisherskiy region, in flumen Msta; Legit G.Yu. Konechnaya
1535.	<b><i>Filipendula ulmaria</i></b> (L.) Maxim. Leningrad region, Districtus Luga, prope pagum Tolmaczevo, Legit T. Latmanisova
1536.	<b><i>Fragaria vesca</i></b> L. Leningrad region, Districtus Luga, prope pagum Tolmaczevo, Legit T. Latmanisova
1537.	<b><i>Frangula alnus</i></b> Mill. Leningrad region, Districtus Luga, prope pagum Tolmaczevo, Legit T. Latmanisova
1538.	* <b><i>Galeopsis speciosa</i></b> Mill. Leningrad region, In districtu Vyborg, prope pagum Olschaniki, Legit K.G. Tkachenko
1539.	<b><i>Gentiana cruciata</i></b> L. Leningrad region, Volosovsky district, the tract Zarech'e. Sept. 2016. Legit : Konechnaja G.Yu, Kovbasina O.E.
1540.	<b><i>Geum rivale</i></b> L. Leningrad region, In districtu Vyborg, prope pagum Olschaniki, Legit K.G. Tkachenko

1541.	<b>Gnaphalium uliginosum</b> L. Leningrad region, Districtus Luga, prope pagum Tolmaczevo, Legit T. Latmanisova
1542.	* <b>Gnaphalium uliginosum</b> L. Leningrad region, In districtu Vyborg, prope pagum Olschaniki, Legit K.G. Tkachenko
1543.	<b>Gymnadenia conopsea</b> (L.) R.Br. Leningrad region, Gatchina district village Tyaglino. Sept. 2016. Legit : Konechnaja G.Yu, Kovbasina O.E.
1544.	<b>Gymnadenia conopsea</b> (L.) R.Br. Luga district, village Zarech'e. Sept. 2016. Legit : Konechnaja G.Yu.
1545.	* <b>Gymnadenia densiflora</b> (Wahlenb.) A.Dietr. Leningrad region, Vallis fluvius Izhora In regione Pudost'. Legit E.V. Andronova, V. Semenova
1546.	* <b>Gypsophila fastigiata</b> L. Leningrad region, In regio Luga, In vicin rus Verduga; Legit G.Yu. Konechnaya, O.E. Kovbasina
1547.	* <b>Gypsophila fastigiata</b> L. Leningrad region, In regione Luga, Legit O.E. Kovbasina, N.G. Kutyaviva
1548.	<b>Heracleum sosnowskyi</b> Manden. Leningrad region, In districtu Vyborg, prope pagum Olschaniki, Legit K.G. Tkachenko
1549.	<b>Hylotelephium triphyllum</b> (Haw.) Holub. (= <b>Sedum telephium</b> L.) Leningrad region, In districtu Vyborg, prope pagum Olschaniki, Legit K.G. Tkachenko
1550.	<b>Hypericum maculatum</b> Crantz Leningrad region, Districtus Luga, prope pagum Tolmaczevo, Legit T. Latmanisova
1551.	<b>Hypopitys monotropa</b> Crantz Leningrad region, Districtus Luga, prope pagum Tolmaczevo, Legit T. Latmanisova
1552.	<b>Impatiens noli-tangere</b> L. Leningrad region, In districtu Vyborg, prope pagum Olschaniki, Legit K.G. Tkachenko
1553.	<b>Inula salicina</b> Bunge Leningrad region, Gatchina district village Tyaglino. Sept. 2016. Legit : Konechnaja G.Yu, Kovbasina O.E.
1554.	* <b>Iris ensata</b> Thunb. cv. Vasilii Alferov Leningrad region, In districtu Vyborg, prope pagum Olschaniki, Legit K.G. Tkachenko
1555.	* <b>Jasione montana</b> L. Leningrad region, In regione Luga, Legit O.E. Kovbasina, N.G. Kutyaviva
1556.	<b>Juncus articulatus</b> L. Leningrad region, Districtus Luga, prope pagum Tolmaczevo, Legit T. Latmanisova
1557.	* <b>Lathyrus latifolius</b> L. Leningrad region, In districtu Vyborg, prope pagum Olschaniki, Legit K.G. Tkachenko
1558.	<b>Lathyrus maritimus</b> Bigelow. (= <b>Lathyrus japonicus</b> subsp. <i>maritimus</i> (L.) P.W.Ball) Leningrad region, Districtus Luga, prope pagum Tolmaczevo, Legit T. Latmanisova
1559.	* <b>Lathyrus sylvestris</b> L. Leningrad region, Schalovo-Peretchkiskiy reservatum, in vicin Krupeli; Legit G.Yu. Konechnaya, O.E. Kovbasina
1560.	* <b>Lepidotheca suaveolens</b> (Pursh) Nutt. Leningrad region, In districtu Vyborg, prope pagum Olschaniki, Legit K.G. Tkachenko
1561.	* <b>Linaria vulgaris</b> Mill. Leningrad region, In regione Luga, Legit O.E. Kovbasina, N.G. Kutyaviva
1562.	<b>Linum catharticum</b> L. syn. <i>Cathartolinum catharticum</i> (L.) Small Leningrad region, Gatchina district village Tyaglino. Sept. 2016. Legit : Konechnaja G.Yu, Kovbasina O.E.
1563.	<b>Lonicera xylosteum</b> L. Leningrad region, Districtus Luga, prope pagum Tolmaczevo, Legit T. Latmanisova

1564.	<b>Lycopodium clavatum</b> L. Leningrad region, In districtu Vyborg, prope pagum Olschaniki, Legit K.G. Tkachenko
1565.	* <b>Lycopodium complanatum</b> L. Leningrad region, In regione Luga, Legit O.E. Kovbasina, N.G. Kutyaviva
1566.	<b>Majanthemum bifolium</b> (L.) F.W.Schmidt Leningrad region, In districtu Vyborg, prope pagum Olschaniki, Legit K.G. Tkachenko
1567.	* <b>Majanthemum bifolium</b> (L.) F.W.Schmidt Leningrad region, In vicin rus Bolschie Klobutitycy; Legit G.Yu. Konechnaya, O.E. Kovbasina
1568.	<b>Medicago lupulina</b> L. Leningrad region, village Ermolino. Sept. 2016. Legit : Konechnaja G.Yu, Kovbasina O.E.
1569.	* <b>Mycelis muralis</b> (L.) Dumort Leningrad region, In vicin orbis Omchino; Legit G.Yu. Konechnaya, O.E. Kovbasina
1570.	* <b>Mycelis muralis</b> (L.) Dumort. Leningrad region, Schalovo-Peretchiskiy reservatum, in vicin Krupeli; Legit G.Yu. Konechnaya, O.E. Kovbasina
1571.	* <b>Myosoton aquaticum</b> (L.) Moench Leningrad region, In regio Luga, In vicin rus Verduga; Legit G.Yu. Konechnaya, O.E. Kovbasina
1572.	* <b>Nuphar pumila</b> (Timm) DC. Leningrad region, In vicin orbis Mokroye; Legit G.Yu. Konechnaya, O.E. Kovbasina
1573.	* <b>Obonychis arenaria</b> (Kit.) Ser. Leningrad region, Schalovo-Peretchiskiy reservatum, in vicin Krupeli; Legit G.Yu. Konechnaya, O.E. Kovbasina
1574.	* <b>Oenothera biennis</b> L. Leningrad region, In regione Luga, Legit O.E. Kovbasina, N.G. Kutyaviva
1575.	* <b>Origanum vulgare</b> L. Leningrad region, In districtu Vyborg, prope pagum Olschaniki, Legit K.G. Tkachenko
1576.	* <b>Paris quadrifolia</b> L. Leningrad region, In vicin rus Bolschie Klobutitycy; Legit G.Yu. Konechnaya, O.E. Kovbasina
1577.	* <b>Parnassia palustris</b> L. Leningrad region, Schalovo-Peretchiskiy reservatum, in vicin Krupeli; Legit G.Yu. Konechnaya, O.E. Kovbasina
1578.	* <b>Pedicularis sceptrum-carolinum</b> L. Leningrad region, Schalovo-Peretchiskiy reservatum, in vicin Krupeli; Legit G.Yu. Konechnaya, O.E. Kovbasina
1579.	<b>Padus avium</b> Mill. Leningrad region, Districtus Luga, prope pagum Tolmaczevo, Legit T. Latmanisova
1580.	* <b>Peucedanum palustre</b> (L.) Moench Leningrad region, In regio Luga, In vicin rus Verduga; Legit G.Yu. Konechnaya, O.E. Kovbasina
1581.	<b>Picea x fennica</b> (Regel) Kom. Leningrad region, In districtu Vyborg, prope pagum Olschaniki, Legit K.G. Tkachenko
1582.	<b>Picris hieracioides</b> Sibth. & Sm. Leningrad region, village Ermolino. Sept. 2016. Legit : Konechnaja G.Yu, Kovbasina O.E.
1583.	<b>Plantago major</b> L. Leningrad region, Districtus Luga, prope pagum Tolmaczevo, Legit T. Latmanisova
1584.	<b>Plantago major</b> L. Leningrad region, In districtu Vyborg, prope pagum Olschaniki, Legit K.G. Tkachenko
1585.	<b>Polygonatum multiflorum</b> (L.) All. Leningrad region, Districtus Luga, prope pagum Tolmaczevo, Legit T. Latmanisova
1586.	<b>Polygonatum odoratum</b> (Mill.) Druce Leningrad region, Districtus Luga, prope pagum Tolmaczevo, Legit T. Latmanisova

1587.	* <b>Polygonatum odoratum</b> (Mill.) Druce Leningrad region, In regione Luga, Legit O.E. Kovbasina, N.G. Kutyaviva
1588.	* <b>Polygonatum odoratum</b> (Mill.) Druce Leningrad region, In vicin orbis Omchino; Legit G.Yu. Konechnaya, O.E. Kovbasina
1589.	<b>Polygonatum verticillatum</b> (L.) All. Leningrad region, Kurgalsky Peninsula, near the village Tiskolovo. Nov. 2016. Legit : Konechnaja G.Yu.
1590.	* <b>Potentilla recta</b> L. Leningrad region, In districtu Vyborg, prope pagum Olschaniki, Legit K.G. Tkachenko
1591.	<b>Primula elatior</b> (L.) Hill Leningrad region, Volosovsky district, the tract Zarech'e. Sept. 2016. Legit : Konechnaja G.Yu, Kovbasina O.E.
1592.	<b>Primula veris</b> L. Leningrad region, Gatchina district village Tyaglino. Sept. 2016. Legit : Konechnaja G.Yu, Kovbasina O.E.
1593.	<b>Primula veris</b> L. Leningrad region, village Ermolino. Sept. 2016. Legit : Konechnaja G.Yu, Kovbasina O.E.
1594.	* <b>Prunella vulgaris</b> L. Leningrad region, In districtu Vyborg, prope pagum Olschaniki, Legit K.G. Tkachenko
1595.	* <b>Pulsatilla pratensis</b> (L.) Mill. Leningrad region, In regione Luga, Legit Schevtchuk S.V.
1596.	* <b>Pyrola rotundifolia</b> L. Leningrad region, Schalovo-Peretichiskiy reservatum, in vicin Krupeli; Legit G.Yu. Konechnaya, O.E. Kovbasina
1597.	<b>Quercus robur</b> L. Leningrad region, Districtus Luga, prope pagum Tolmaczevo, Legit T. Latmanisova
1598.	<b>Rhamnus cathartica</b> L. Leningrad region, Districtus Luga, prope pagum Tolmaczevo, Legit T. Latmanisova
1599.	<b>Ribes alpinum</b> L. Leningrad region, Districtus Luga, prope pagum Tolmaczevo, Legit T. Latmanisova
1600.	<b>Rosa acicularis</b> Lindl. Leningrad region, In districtu Vyborg, prope pagum Olschaniki, Legit K.G. Tkachenko
1601.	<b>Rosa majalis</b> Wallr. Leningrad region, Gatchina district village Tyaglino. Sept. 2016. Legit : Konechnaja G.Yu, Kovbasina O.E.
1602.	<b>Rosa rugosa</b> Thunb. Leningrad region, In districtu Vyborg, prope pagum Olschaniki, Legit K.G. Tkachenko
1603.	<b>Rubus humulifolius</b> C.A.Mey Leningrad region, Districtus Luga, prope pagum Tolmaczevo, Legit T. Latmanisova
1604.	<b>Rubus idaeus</b> L. Leningrad region, Districtus Luga, prope pagum Tolmaczevo, Legit T. Latmanisova
1605.	* <b>Rubus nessensis</b> W.Hall. Leningrad region, In regio Luga, In vicin rus Verduga; Legit G.Yu. Konechnaya, O.E. Kovbasina
1606.	<b>Rubus saxatilis</b> L. Leningrad region, Districtus Luga, prope pagum Tolmaczevo, Legit T. Latmanisova
1607.	<b>Sagittaria sagittifolia</b> L. Leningrad region, Districtus Luga, prope pagum Tolmaczevo, Legit T. Latmanisova
1608.	* <b>Sagittaria sagittifolia</b> L. Pskovskaya provincia, Gdovskiy region, in flumen Schelcha; Legit G.Yu. Konechnaya
1609.	<b>Sambucus racemosa</b> L. Leningrad region, In districtu Vyborg, prope pagum Olschaniki, Legit K.G. Tkachenko

1610.	* <b><i>Sanicula europaea</i></b> L. Leningrad region, Kingisepskiy region, Kurgalskiy paeninsula, in vicin Piskolova; Legit G.Yu. Konechnaya
1611.	* <b><i>Senecio paludosos</i></b> L. Pskovskaya provincia, Gdovskiy region, in flumen Scheltcha; Legit G.Yu. Konechnaya
1612.	* <b><i>Sieglungia decumbens</i></b> (L.) Bern Leningrad region, In regio Luga, In vicin rus Verduga; Legit G.Yu. Konechnaya, O.E. Kovbasina
1613.	* <b><i>Silene chlorantha</i></b> (Willd.) Ehrh. Leningrad region, Schalovo-Peretchiskiy reservatum, in vicin Krupeli; Legit G.Yu. Konechnaya, O.E. Kovbasina
1614.	* <b><i>Silene nutans</i></b> L. Leningrad region, In vicin orbis Omchino; Legit G.Yu. Konechnaya, O.E. Kovbasina
1615.	* <b><i>Sium latifolim</i></b> L. Pskovskaya provincia, Gdovskiy region, in flumen Scheltcha; Legit G.Yu. Konechnaya
1616.	* <b><i>Solidago virgaurea</i></b> Bigel. Leningrad region, Gatchina district village Tyaglino. Sept. 2016. Legit : Konechnaja G.Yu, Kovbasina O.E.
1617.	* <b><i>Solidago virgaurea</i></b> L. Leningrad region, In districtu Vyborg, prope pagum Olschaniki, Legit K.G. Tkachenko
1618.	* <b><i>Sorbus aucuparia</i></b> L. Leningrad region, Districtus Luga, prope pagum Tolmaczevo, Legit T. Latmanisova
1619.	* <b><i>Stellaria media</i></b> (L.) Vill. Leningrad region, In districtu Vyborg, prope pagum Olschaniki, Legit K.G. Tkachenko
1620.	* <b><i>Stellaria nemorum</i></b> L. Leningrad region, In districtu Vyborg, prope pagum Olschaniki, Legit K.G. Tkachenko
1621.	* <b><i>Tanacetum vulgare</i></b> L. Leningrad region, In districtu Vyborg, prope pagum Olschaniki, Legit K.G. Tkachenko
1622.	* <b><i>Tanacetum vulgare</i></b> L. Leningrad region, In regione Luga, Legit O.E. Kovbasina, N.G. Kutyaviva
1623.	* <b><i>Taraxacum officinale</i></b> Wigg. Leningrad region, In districtu Vyborg, prope pagum Olschaniki, Legit K.G. Tkachenko
1624.	* <b><i>Thalictrum simplex</i></b> L. Leningrad region, Gatchina district village Tyaglino. Sept. 2016. Legit : Konechnaja G.Yu, Kovbasina O.E.
1625.	* <b><i>Thelypteris palustris</i></b> Schott Leningrad region, In vicin orbis Omchino; Legit G.Yu. Konechnaya, O.E. Kovbasina
1626.	* <b><i>Trifolium arvense</i></b> L. Leningrad region, 3 kilometrum affectus rus Bolshie Ozertcy; Legit G.Yu. Konechnaya, O.E. Kovbasina
1627.	* <b><i>Trifolium arvense</i></b> L. Leningrad region, In regione Luga, Legit O.E. Kovbasina, N.G. Kutyaviva
1628.	* <b><i>Trifolium aureum</i></b> Pollich Leningrad region, 3 kilometrum affectus rus Bolshie Ozertcy; Legit G.Yu. Konechnaya, O.E. Kovbasina
1629.	* <b><i>Trommsdorffia maculata</i></b> (L.) Bernh. Leningrad region, In vicin orbis Omchino; Legit G.Yu. Konechnaya, O.E. Kovbasina
1630.	* <b><i>Vaccinium myrtillus</i></b> L. Leningrad region, In districtu Vyborg, prope pagum Olschaniki, Legit K.G. Tkachenko
1631.	* <b><i>Vaccinium myrtillus</i></b> L. Leningrad region, Districtus Luga, prope pagum Tolmaczevo, Legit T. Latmanisova
1632.	* <b><i>Vaccinium uliginosum</i></b> L. Leningrad region, In districtu Vyborg, prope pagum Olschaniki, Legit K.G. Tkachenko

<b>1633.</b>	<b>Vaccinium uliginosum</b> L. Leningrad region, Districtus Luga, prope pagum Tolmaczevo, Legit T. Latmanisova
<b>1634.</b>	<b>Vaccinium vitis-idaea</b> L. Leningrad region, In districtu Vyborg, prope pagum Olschaniki, Legit K.G. Tkachenko
<b>1635.</b>	<b>Vaccinium vitis-idaea</b> L. Leningrad region, Districtus Luga, prope pagum Tolmaczevo, Legit T. Latmanisova
<b>1636.</b>	* <b>Valeriana officinalis</b> L. Leningrad region, In districtu Vyborg, prope pagum Olschaniki, Legit K.G. Tkachenko
<b>1637.</b>	<b>Valeriana officinalis</b> L. Leningrad region, Districtus Luga, prope pagum Tolmaczevo, Legit T. Latmanisova
<b>1638.</b>	* <b>Verbascum thapsus</b> L. Leningrad region, 3 kilometrum affectus rus Bolshie Ozertcy; Legit G.Yu. Konechnaya, O.E. Kovbasina
<b>1639.</b>	<b>Veronica longifolia</b> L. Leningrad region, Districtus Luga, prope pagum Tolmaczevo, Legit T. Latmanisova
<b>1640.</b>	* <b>Veronica longifolia</b> L. Leningrad region, Wsevolozhskiy region, in vicin Oselki; Legit G.Yu. Konechnaya
<b>1641.</b>	* <b>Veronica officinalis</b> L. Leningrad region, In districtu Vyborg, prope pagum Olschaniki, Legit K.G. Tkachenko
<b>1642.</b>	<b>Veronica teucrium</b> L. Leningrad region, village Elizavetino. July 2016. Legit : Konechnaja G.Yu, Kovbasina O.E.
<b>1643.</b>	<b>Veronica teucrium</b> L. Leningrad region, village Ermolino. Sept. 2016. Legit : Konechnaja G.Yu, Kovbasina O.E.
<b>1644.</b>	<b>Viburnum opulus</b> L. Leningrad region, In districtu Vyborg, prope pagum Olschaniki, Legit K.G. Tkachenko
<b>1645.</b>	<b>Vicia sepium</b> L. Leningrad region, village Ermolino. Sept. 2016. Legit : Konechnaja G.Yu, Kovbasina O.E.
<b>1646.</b>	* <b>Viola tricolor</b> L. Leningrad region, In districtu Vyborg, prope pagum Olschaniki, Legit K.G. Tkachenko

**Estonia**

<b>1647.</b>	<b>Honckenya peploides</b> (L.) Ehrh. Estonia. Neighborhood of the city of Ust-Narva, Narva Bay Beach, Aug. 2016. Legit : Konechnaja G.Yu.
<b>1648.</b>	<b>Ribes alpinum</b> L. Estonia. Neighborhood of the city of Narva, Aug. 2016. Legit : Konechnaja G.Yu.
<b>1649.</b>	<b>Senecio paludosus</b> L. Estonia. Narva river bank, near the mouth of the river Tõrva. Aug. 2016. Legit : Konechnaja G.Yu.

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**Agreement****on the supply of plant material by Peter the Great Botanic Garden****of the V. L. Komarov Botanical Institute of RAS**

Since the [Convention on Biological Diversity](#) (CBD, Rio de Janeiro 1992) entered into force, it has become necessary for botanic gardens to comply in particular with Article 15 (Access to genetic resources), especially in connection with the exchange of plant material. Accordingly, the

BGPSU only passes on plant material under the condition that the user acts in the spirit of the Convention on Biological Diversity. The BGPSU is dedicated to the conservation, sustainable use and research of biological diversity. With regard to the acquisition, maintenance and supply of plant material, the BGPSU therefore expects its partners to act in a manner that is consistent to the letter and the spirit of the Biodiversity Convention, the Convention on International Trade in Endangered Species (CITES) and in compliance with all relevant conventions and laws relating to the protection of biological diversity. As a consequence, plant material from the Legit s of the BGPSU are supplied only to those persons and institutions who accept the following conditions:

1. On the basis of this agreement, the material is intended to serve the common good, particularly scientific study, education and the interests of environmental protection.
2. The recipient is obliged to document and preserve information relating to the material appropriately.
3. In the event that scientific publications on the plant material provided are produced, the origin of the material is to be cited. In addition, copies of such publications are expected to be sent to the BGPSU without request.
4. Commercial use is not covered by this agreement but is object of a separate agreement with the country of origin. Such agreement underlies the provisions of the CBD, i. e. the user is obliged to share benefits with the country of origin. In this context, the user has to forward all relevant information to the authorities instructed with the implementation of the CBD. On request, the BGPSU will provide such information to these authorities.
5. The recipient is allowed to supply plant material derived from the BGPSU to others only on the basis and under the conditions of this or corresponding agreements.

By ordering plant material from the BGPSU, the recipient accepts the conditions listed above

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**Sign and Stamp of seeds recipient**

**(if it outside of Russia)**

**Attention!!! Please! Use only this one address:**

e - mail: **seedlab.binran@gmail.com**

**DESIDERATA N 154**

**2016**

You are kindly request to restrict your desiderata to a maximum of 30 taxa.

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Here you can note **only 5 additional** samples

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Attention please! – Seeds, which you will send to our address, must have phytosanitary certificate.  
– We try to fulfill all your requests for seeds. But we have a lot problem with documented formalizing send packets of seeds; unfortunately its take a lot of time. We apologize. But we will try send to you the seeds. – Please, when you received seeds from us, acknowledge receipt to our email address. Thank in advance. Seeds from plants grown in the garden as a result of open free pollination and may thus be hybridized. With your order you accept the agreement of the Convention on Biological Diversity (CBD, Rio de Janeiro, 1992, page 29).

## References

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- The Plant List, 2017. URL: <http://www.theplantlist.org/>
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[http://www.un.org/ru/documents/decl\\_conv/conventions/biodiv.shtml](http://www.un.org/ru/documents/decl_conv/conventions/biodiv.shtml)

# **Index sporarum et seminum quae hortus botanicus Petri Mangi Instituti botanici nom. V. L. Komarovii Academiae Scientiarum Rossicae pro mutua commutatione offert № CLIV**

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**Key words:**

delectus, index seminum, index  
sporarum, Peter the Great  
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**Summary:** List of plant spores, fruits and seeds offered in  
exchange for the Peter the Great Botanical Garden, collected in  
2016.

**Is received:** 27 february 2017 year

**Is passed for the press:** 02 july 2017 year

## **References**

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