



INDEX SEMINUM 2010 HORTUS BOTANICUS

Facultatis Rerum Naturalium

Universitatis Palackianae

Olomouc

Czech Republic



Botanická
zahrada

Univerzita Palackého v Olomouci
Přírodovědecká fakulta

Botanic garden

Department of Botany, Faculty of Science
Palacký University in Olomouc
the Czech Republic

Geographic data: Latitude 49° 35' 13" N
Longitude 17° 44' 59" E
Altitude 202 m a.s.l.

Climatic data: Average year temperature 8,3°C
Average year rainfall 586 mm

Botanic garden is situated close to the historical centre of the city. It is located in the main municipal park "Smetanovy sady", behind the "Palm greenhouses" of the organization "Fair Grounds Flora Olomouc, Ltd.". The main entrance to Garden is from the street "U botanické zahrady".

Botanic garden is a part of Department of Botany (Faculty of Science, Palacký University in Olomouc) and information on its collections and activities is available also on the web site <http://botany.upol.cz>.

Index seminum 2010

Index seminum 2010 includes seeds and gemmae originating from plants grown in our Botanic garden and in other collections maintained by the Department of Botany, and also seed samples collected during expeditions in natural habitats. Seeds are stored at low temperature.

In 2004 we created a common database of plant material maintained by the Department of Botany in all collections. Within this database we assigned to each genotype (accession, item) the unique identifier, Identification number (ID), which remains constant.

Index seminum 2010 is available also in the electronic version. You may order seed material directly in the web site of Department of Botany: <http://botany.upol.cz> (part "Botanic garden").

symbols

G seeds from plants grown in Botanic garden
S seeds from plants maintained in specialized collections at Department of Botany
N seeds collected in natural habitats
seeds harvested (collected) in 2007 - 2009 and stored at low temperature
09 seeds harvested (collected) in 2010
o gemmae

imprint

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List of Items

	Aplaceae Lindl.		
2133	<i>Angelica sylvestris</i> L.	N	#
AS	<i>Czech Republic (2004): Jestřebi, wet ruderal meadow under Konvalinkový hill, 50°36'25" N, 14°36'45" E, 264 m a.s.l.</i>		
258	<i>Astrantia major</i> L.	G	#
312	<i>Bupleurum rotundifolium</i> L.	G	10 #
494	<i>Conium maculatum</i> L.	G	#
665	<i>Ferula</i> sp.	G	#
684	<i>Foeniculum vulgare</i> Mill.	G	#
925	<i>Chaerophyllum aureum</i> L.	G	#
1035	<i>Levisticum officinale</i> Koch	G	#
1498	<i>Scandix pecten-veneris</i> L.	G	#
1539	<i>Seseli</i> sp.	G	#
2134	<i>Torilis japonica</i> (Houtt.) DC.	G	#
AS	<i>Czech Republic (2004): Jestřebi, wet ruderal meadow under Konvalinkový hill, 50°36'25" N, 14° 36'45" E, 264 m a.s.l.</i>		
	Apocynaceae Juss.		
122	<i>Amsonia tabernaemontana</i> Walter	G	#
	Asclepiadaceae Borkh.		
191	<i>Asclepias incarnata</i> L.	G	#
2809	<i>Gomphocarpus fruticosus</i> (L.) W.T. Aiton	S	10 #
MF,LS	<i>South Africa (2007): Augrabies</i>		
	Asteraceae Martinov		
69	<i>Achillea clypeolata</i> Sm.	G	#
73	<i>Achillea distans</i> Waldst. et Kit. ex Willd.	G	#
82	<i>Achillea pannonica</i> Scheele	G	#
83	<i>Achillea ptarmica</i> L.	G	#
142	<i>Antennaria dioica</i> (L.) Gaertn.	G	10 #
144	<i>Antennaria plantaginifolia</i> (L.) Hook.	G	10 #
175	<i>Artemisia absinthium</i> L.	G	#
185	<i>Artemisia vulgaris</i> L.	G	10 #
208	<i>Aster alpinus</i> L. subsp. <i>polycephalus</i>	G	#
209	<i>Aster amellus</i> L.	G	#
212	<i>Aster conspicuus</i> Lindl.	G	10 #
217	<i>Aster falcatus</i> Lindl.	G	10 #
218	<i>Aster foliaceus</i> Lindl. var. <i>cusickii</i> (A. Gray) Cronq.	G	#
221	<i>Aster laevis</i> L.	G	#
227	<i>Aster linosyris</i> (L.) Bernh.	G	10 #
229	<i>Aster novae-angliae</i> L.	G	#
242	<i>Aster sagittifolius</i> Wedem. ex Willd.	G	#
246	<i>Aster undulatus</i> L.	G	#
247	<i>Aster versicolor</i> Willd.	G	#
269	<i>Balsamita major</i> Desf.	G	10 #
2594	<i>Bidens pilosa</i> L.	G	#
AK	<i>India (2004):Tamilnadu, Nilgiri hills, near the town of Kotagiri</i>		
2826	<i>Bidens</i> sp.	S	#
MDv	<i>Russia (2008): Koppi</i>		
309	<i>Bupleurum falcatum</i> L.	G	#
420	<i>Centaurea glastifolia</i> L.	G	10 #
437	<i>Centaurea scabiosa</i> L.	G	#
441	<i>Centaurea triumfettii</i> All.	G	10 #
460	<i>Cirsium canum</i> (L.) All.	G	10 #
466	<i>Cirsium tataricum</i> DC	G	10 #
500	<i>Coreopsis grandiflora</i> Hogg ex Sweet	G	#
502	<i>Coreopsis major</i> Walter	G	10 #
503	<i>Coreopsis palmata</i> Nutt.	G	#
499	<i>Coreopsis pubescens</i> Elliott	G	#
507	<i>Coreopsis tripteris</i> L.	G	#
508	<i>Coreopsis verticillata</i> L.	G	#
608	<i>Echinacea pallida</i> (Nutt.) Nutt.	G	#
609	<i>Echinacea purpurea</i> (L.) Moench	G	#
611	<i>Echinops sphaerocephalus</i> L.	G	#
646	<i>Eupatorium cannabinum</i> L.	G	10 #
654	<i>Eupatorium purpureum</i> L.	G	10 #

658	<i>Eupatorium rugosum</i> Houtt.	G	10	#
703	<i>Gaillardia aristata</i> Pursh	G		#
799	<i>Grindelia squarrosa</i> (Pursh) Dunal	G		#
816	<i>Helianthella quinquenervis</i> (Hook.) A. Gray	G		#
817	<i>Helianthella quinquenervis</i> (Hook.) A. Gray	G	10	#
820	<i>Helianthus giganteus</i> L.	G		#
2223	<i>Hieracium sabaudum</i> L.	G		#
884	<i>Hieracium umbellatum</i> L.	G	10	#
940	<i>Chondrilla juncea</i> L.	G		#
942	<i>Chrysopsis villosa</i> (Pursh) Nutt. ex DC.	G		#
953	<i>Inula ensifolia</i> L.	G		#
955	<i>Inula helenium</i> L.	G	10	#
956	<i>Inula hirta</i> L.	G	10	#
2140	<i>Inula salicina</i> L.	N		#
MD	<i>Czech Republic (2004): Domanice, dry grassland (Bromion), 49°54'37" N, 16°03'26" E, 380 m a.s.l.</i>			
2091	<i>Lactuca aculeata</i> Boiss. et Ky.	S		#
2092	<i>Lactuca aculeata</i> Boiss. et Ky.	S		#
2093	<i>Lactuca altaica</i> Fisch. et Mey.	S		#
2094	<i>Lactuca biennis</i> (Moench) Fernald	S		#
2096	<i>Lactuca canadensis</i> L.	S		#
2095	<i>Lactuca capensis</i> Thunb.	S		#
2097	<i>Lactuca dregeana</i> DC.	S		#
2098	<i>Lactuca dregeana</i> DC.	S		#
2099	<i>Lactuca dregeana</i> DC.	S		#
2100	<i>Lactuca dregeana</i> DC.	S		#
2101	<i>Lactuca indica</i> L.	S		#
2102	<i>Lactuca indica</i> L.	S		#
2103	<i>Lactuca indica</i> L.	S		#
2104	<i>Lactuca perennis</i> L.	S		#
2105	<i>Lactuca saligna</i> L.	S		#
2106	<i>Lactuca saligna</i> L.	S		#
2107	<i>Lactuca saligna</i> L.	S		#
2108	<i>Lactuca serriola</i> L. f. <i>serriola</i>	S		#
2109	<i>Lactuca serriola</i> L. f. <i>serriola</i>	S		#
2110	<i>Lactuca serriola</i> L. f. <i>serriola</i>	S		#
2111	<i>Lactuca serriola</i> L.	S		#
2112	<i>Lactuca serriola</i> L.	S		#
2113	<i>Lactuca serriola</i> L.	S		#
2114	<i>Lactuca serriola</i> L.	S		#
2141	<i>Lactuca serriola</i> L. f. <i>serriola</i>	S		#
AL,EK	<i>Czech Republic (2001): Litomyšl, along the roadside, 49°53'14"N, 16°16'56"E, 346 m a.s.l.</i>			
2142	<i>Lactuca serriola</i> L. f. <i>serriola</i>	S		#
AL,EK	<i>Czech Republic (2001): Holovousy, field margin by the roadside, 50°22'17"N, 15°34'50"E, 294 m a.s.l.</i>			
2143	<i>Lactuca serriola</i> L. f. <i>serriola</i>	S		#
AL,EK	<i>Czech Republic (2001): Olomouc - Holic, along the roadside, 49°34'53"N, 17°16'50"E, 215 m a.s.l.</i>			
2144	<i>Lactuca serriola</i> L. f. <i>serriola</i>	S		#
AL,EK	<i>Czech Republic (2001): Ochoz u Brna, dry, sandy and sunny place - former rubble, 49°15'39"N, 16°43'52"E, 392 m a.s.l.</i>			
2145	<i>Lactuca serriola</i> L. f. <i>serriola</i>	S		#
AL,EK	<i>Czech Republic (2001): Želešice, abandoned field by the roadside, 49°07'10"N, 16°35'51"E, 241 m a.s.l.</i>			
2146	<i>Lactuca serriola</i> L. f. <i>serriola</i>	S		#
AL,ID	<i>Czech Republic (2001): Píerov nad Labem, ditch by a abandoned field by a petrol station, 50°08'47"N, 14°49'29"E, 201 m a.s.l.</i>			
2123	<i>Lactuca serriola</i> L. »L. <i>sativa</i> L. (cv. Brun Hilde)	S		#
2124	<i>Lactuca serriola</i> L. »L. <i>sativa</i> L. (cv. Brun Hilde)	S		#
2115	<i>Lactuca taraxacifolia</i> Chalk.	S		#
2116	<i>Lactuca tatarica</i> (L.) C.A.Mey.	S		#
2117	<i>Lactuca tenerrima</i> Pourr.	S		#
2118	<i>Lactuca viminea</i> (L.) J. et C. Presl subsp. <i>viminea</i>	S		#
2119	<i>Lactuca viminea</i> (L.) J. et C. Presl subsp. <i>chondrilliflora</i> (Boreau) Bonnier	S		#
990	<i>Lactuca virosa</i> L. var. <i>virosa</i>	G	10	#
2120	<i>Lactuca virosa</i> L. var. <i>virosa</i>	S		#

2121	<i>Lactuca virosa</i> L. var. <i>virosa</i>	S	#
1039	<i>Liatris platylepis</i> K. Schum.	G	#
1047	<i>Liatris spicata</i> (L.) Willd.	G	#
2122	<i>Mycelis muralis</i> (L.) Dum.	S	#
1202	<i>Onopordum acanthium</i> L.	G	10 #
1273	<i>Picris hieracioides</i> L.	G	10 #
1274	<i>Pilosella aurantiaca</i> F. W. Schultz & Sch. Bip	G	#
1441	<i>Rudbeckia fulgida</i> Ait. cv. "Goldsturm"	G	#
1446	<i>Rudbeckia laciniata</i> L.	G	#
1496	<i>Scabiosa graminifolia</i> L.	G	#
1529	<i>Senecio bicolor</i> (Willd.) Tod.	G	#
1534	<i>Serratula gmelinii</i> Tausch	G	#
1537	<i>Serratula radiata</i> (Waldst. & Kit.) Bieb.	G	#
1559	<i>Siphium integrifolium</i> Michx.	G	#
1560	<i>Silphium perfoliatum</i> L.	G	#
1563	<i>Silphium trifoliatum</i> L.	G	#
1584	<i>Solidago randii</i> (Porter) Britton	G	#
1586	<i>Solidago rigida</i> L.	G	#
1587	<i>Solidago rugosa</i> Mill.	G	#
1892	<i>Solidago spathulata</i> DC.	G	10 #
2196	<i>Solidago spathulata</i> DC.	G	#
2198	<i>Solidago speciosa</i> Nutt.	G	#
1594	<i>Sonchus palustris</i> L.	G	10 #
1643	<i>Tanacetum cinerariifolium</i> (Trevir.) Sch. Bip.	G	10 #
1644	<i>Tanacetum corymbosum</i> (L.) Schultz-Bip.	G	#
1646	<i>Tanacetum vulgare</i> L.	G	#
2562	<i>Taraxacum acervatum</i> Railons.	G	#
BT	<i>Czech Republic (2003): South Moravia, Šardice: lawns in the village</i>		
2560	<i>Taraxacum aethiopiciforme</i> H. Oellg.	G	#
BT	<i>Denmark (2003): Jylland, Viborg, local part of Overlund, meadow along the road - direction Tapdrup - E part of the city</i>		
2553	<i>Taraxacum alatum</i> Lindb. fil.	G	#
BT	<i>Czech Republic (2003): Haná, Kojetín, lawns in gardens in the the SE part of the village</i>		
2542	<i>Taraxacum angustisquameum</i> Lindb. fil.	G	#
BT	<i>Denmark (2003): Jylland, Viborg, local part Overlund, meadow along the road - direction Tapdrup - E part of the city</i>		
2554	<i>Taraxacum dilaceratum</i> M. P. Christ.	G	#
BT	<i>Denmark (2003): Jylland, Viborg, meadow by the lake (East part) Soendorsoe by the SE part of the city</i>		
2547	<i>Taraxacum exacutum</i> Markl.	G	#
BT	<i>Denmark (2003): Jylland, Viborg, local part of Overlund, meadow along the road - direction Tapdrup - E part of the city</i>		
2556	<i>Taraxacum flavostylum</i> Bäck	G	#
BT	<i>Czech Republic (2003): Krkonoše mountains, location Babi, meadows by the S margin of the village (by the road)</i>		
2557	<i>Taraxacum hemicyclum</i> Hagl.	G	#
BT	<i>Czech Republic (2003): Haná, Popůvky u Kojetína, meadows in the N part of the village</i>		
2564	<i>Taraxacum huelpherianum</i> Hagl.	G	#
BT	<i>Czech Republic (2003): Krkonoše mountains, Antonínovo Údolí (Dolní Sejfy), meadow by the road near the forest</i>		
2541	<i>Taraxacum intermedium</i> Raunk.	G	#
BT	<i>Denmark (2003): NW part of Jylland (area of the city Thisted), wet meadow for pasture on the SW coat of the Loennerup Fjord, ca 10 m a.s.l.</i>		
2549	<i>Taraxacum leucopodium</i> Hagl.	G	#
BT	<i>Denmark (2003): Jylland, Viborg, meadow by the lake (East part) Soendersoe by the SE part of the city</i>		
2539	<i>Taraxacum lucidum</i> Dahlst.	G	#
BT	<i>Czech Republic (2003): NE Bohemia, Staré Nechanice, in the village</i>		
2540	<i>Taraxacum lucidum</i> Dahlst.	G	#
BT	<i>Czech Republic (2003): Haná, Popůvky u Kojetína, meadows on W part of the village</i>		
2550	<i>Taraxacum melanthoides</i> M. P. Christ. et Wiinst.	G	#
BT	<i>Denmark (2003): Jylland, Viborg, local part of Overlund, meadow along the road - direction Tapdrup - E part of the city</i>		

2551	<i>Taraxacum ohlsenii</i> Hagl.	G	#
BT	Czech Republic (2003): Krkonoše mountains, Antonínovo Údolí (Dolní Sejfy), meadow by the road near forest		
2555	<i>Taraxacum ochrochlorum</i> Hagl.	G	#
BT	Czech Republic (2003): Krkonoše mountains, Černý Důl, lawns by the road in the S part of the village		
2552	<i>Taraxacum pallescens</i> Dahlst.	G	#
BT	Denmark (2003): Jylland, Viborg, meadow by the lake (East part) Soendorsoe by the SE part of the city		
2543	<i>Taraxacum pallidipes</i> Markl.	G	#
BT	Czech Republic (2003): Nizký Jeseník mountains, Nové Valteřice, lawn in the village		
2561	<i>Taraxacum pectinatifforme</i> Lindb. fil.	G	#
BT	Slovakia (2003): Oravská Polhora, meadows in the valley of the stream Vonžovec ca 2 - 2,5 km N from the settlement Slaná Voda		
2548	<i>Taraxacum planum</i> Raunk.	G	#
BT	Denmark (2003): Jylland, Viborg, local part of Overlund, meadow along the road - direction Tapdrup - E part of the city		
2538	<i>Taraxacum stereoides</i> Hagl.	G	#
BT	Denmark (2003): Jylland, Viborg, meadow by the lake (East part) Soendersoe by the SE part of the city		
2558	<i>Taraxacum sublaeticolor</i> Dahlst.	G	#
BT	Czech Republic (2003): Krkonoše mountains, Černý Důl, meadows and road margins in the N part of the village		
2544	<i>Taraxacum superbum</i> Markl.	G	#
BT	Denmark (2003): Jylland, Viborg, local part of Overlund, meadow along the road - direction Tapdrup - E part of the city		
2563	<i>Taraxacum undulatifforme</i> Dahlst.	G	#
BT	Slovakia (2003): Turzovská vrchovina, Čadca, Podzávoz, meadow on the margin of the village, 1,5 km NE from Jurošovský hill (630 m a.s.l.)		
2545	<i>Taraxacum vastisectum</i> Puolanne	G	#
BT	Denmark (2003): Jylland, Viborg, local part of Overlund, meadow along the road - direction Tapdrup - E part of the city		
2559	<i>Taraxacum wibergense</i> H. Oellig.	G	#
BT	Denmark (2003): Jylland, Viborg, meadow by the lake (East part) Soendorsoe by the SE part of the city		
2546	<i>Taraxacum wiinstedtii</i> H. Oellig.	G	#
BT	Denmark (2003): Jylland, Viborg, meadows by the Soendermoehle - by SE marginal part of the city, ca 50 m a.s.l.		
1753	<i>Verbesina alternifolia</i> (L.) Britton ex Kearney	G	#
1756	<i>Verbesina helianthoides</i> Michx.	G	10
1762	<i>Vernonia glauca</i> (L.) Willd.	G	#
1767	<i>Vernonia noveboracensis</i> (L.) Michx.	G	#
	Betulaceae Gray		
289	<i>Betula humilis</i> Schrank	G	10
	Bignoniaceae Juss.		
948	<i>Incarvillea olgae</i> Regel.	G	#
	Boraginaceae Juss.		
141	<i>Anchusa officinalis</i> L.	G	#
842	<i>Heliotropium europaeum</i> L.	G	#
	Brassicaceae Burnett		
2403	<i>Anastatica hierochuntica</i> L.	S	#
AH	Egypt (2004): market in Cairo		
964	<i>Isatis tinctoria</i> L.	G	10
	Campanulaceae Juss.		
327	<i>Campanula alliarifolia</i> var. <i>alpestris</i> Kem.-Nath.	G	10
331	<i>Campanula persicifolia</i> L.	G	#
2135	<i>Campanula persicifolia</i> L.	N	#
JM	Czech Republic (2004): Jívová, slope between fields, 50°36'27"N, 14°36'46" E, 264 m a.s.l.		
333	<i>Campanula sarmatica</i> Ker. Gawl.	G	#
1291	<i>Platycodon grandiflorum</i> (Jacq.) A. DC.	G	10

63	Caryophyllaceae Juss.			
572	<i>Agrostemma githago</i> L.	G	10	#
807	<i>Dianthus amurensis</i> Jacq.	G	10	#
1090	<i>Gypsophila scorzonifolia</i> Ser.	G		#
1118	<i>Lychnis coronaria</i> (L.) Desr.	G		#
1248	<i>Melandrium album</i> L.	G		#
1489	<i>Petrorhagia saxifraga</i> (L.) Link.	G	10	#
1552	<i>Saponaria officinalis</i> L.	G		#
1557	<i>Silene bupleuroides</i> L.	G		#
1558	<i>Silene viridiflora</i> L.	G	10	#
	<i>Silene vulgaris</i> (Moench) Garcke subsp. <i>vulgaris</i>	G		#
	Cistaceae Juss.			
818	<i>Helianthemum apeninum</i> (L.) Mill.	G		#
	Convallariaceae Horaninow			
1299	<i>Polygonatum latifolium</i> (Jacq.) Desf.	G		#
1300	<i>Polygonatum multiflorum</i> (L.) All.	G		#
1301	<i>Polygonatum odoratum</i> (Mill.) Druce	G		#
	Costaceae Nakal			
2888	<i>Costus dubius</i> (Afzel.) K.Schum.	S	10	
	Cucurbitaceae Juss.			
2896	<i>Ecbalium elaterium</i> (L.) A. Richard	N	10	
EK	<i>Croatia (2010): Stanići, along road, sunny stony exposure, near seashore</i>			
	Cyperaceae Juss.			
467	<i>Cladium mariscus</i> (L.) Pohl	G	10	#
2597	<i>Ficinia nodosa</i> (Rottb.) Goetgh., Muasya & Simpson	S	10	#
LF	<i>Chile (2005): Chiloe island, 42°30' s</i>			
	Dipsacaceae Juss.			
444	<i>Cephalaria gigantea</i> (Ledeb.) Bobrov	G		#
1630	<i>Succisa pratensis</i> Moench	G		#
	Droseraceae Sallsb.			
2266	<i>Drosera roseana</i> N. G. Marchant et Lowrie	S°	10	
2306	<i>Drosera scorpioides</i> Planch.	S	10	
	Fabaceae Lindl.			
271	<i>Baptisia australis</i> (L.) R. Br.	G	10	#
1992	<i>Cassia occidentalis</i> L.	S		#
MDa	<i>Uganda (2004): Murchison falls, Paraa, bank of Nile</i>			
1963	<i>Clitoria ternatea</i> L.	S		#
2897	<i>Colutea arborescens</i> L.	N	10	
EK	<i>Croatia (2010): Stanići, limestone slope above sea, sunny exposure</i>			
489	<i>Colutea orientalis</i> Lam.	G		#
565	<i>Desmodium canadense</i> (L.) DC.	G		#
731	<i>Genista tinctoria</i> L.	G		#
784	<i>Glycyrrhiza echinata</i> L.	G		#
785	<i>Glycyrrhiza echinata</i> L.	G		#
787	<i>Glycyrrhiza lepidota</i> Nutt. ex Pursh.	G		#
2156	<i>Lathyrus inconspicuus</i> L.	G		#
2165	<i>Lathyrus niger</i> (L.) Bernh.	G		#
1009	<i>Lathyrus nisolia</i> L.	G		#
2167	<i>Lathyrus occidentalis</i> Nutt. ex Torr. & A. Gray	G		#
1016	<i>Lathyrus venetus</i> (Miller) Wohlf.	G		#
1028	<i>Lespedeza tomentosa</i> (Thunb.) Siebold ex Maxim.	G	10	
1987	<i>Leucaena leucocephala</i> (Lam.) deWit.	S	10	#
MDa	<i>Kenya (2004): roadside between equator and lake Bogoria</i>			
2889	<i>Mimosa pudica</i> L.	S	10	
1197	<i>Ononis arvensis</i> L.	G		#
2137	<i>Trifolium arvense</i> L.	N		#
MD	<i>Czech Republic (2004): Bzenec - Přivoz, blowing sand area along the railway, 45°55'53" N, 17°16'40" E, 185 m a.s.l.</i>			

1727	<i>Trifolium sarosiense</i> Hazsl. ex Neileich	G	10
1810	<i>Vicia pisiformis</i> L.	G	#
	Gentianaceae Juss.		
736	<i>Gentiana cruciata</i> L.	G	10 #
	Geranlaceae Adans		
758	<i>Geranium sanguineum</i> L.	G	10
771	<i>Geum pyrenaicum</i> Willd.	G	#
	Hyacinthaceae Batsch ex Borkh.		
2813	<i>Brimeura amethystina</i> (L.) Chouard	S	10
	Hypericaceae Durande		
906	<i>Hypericum ascyron</i> L.	G	#
910	<i>Hypericum erectum</i> Thunb.	G	#
1890	<i>Hypericum grandifolium</i> Choisy	S	#
	<i>Spain (2004): Canary Islands</i>		
AK			
914	<i>Hypericum olympicum</i> L.	G	10
916	<i>Hypericum perforatum</i> L.	G	#
	Juncaceae Juss.		
2823	<i>Luzula canariensis</i>	S	10
	Lamiaceae Martinov		
46	<i>Agastache foeniculum</i> (Pursh) Kuntze	G	#
285	<i>Betonica alopecuros</i> L.	G	10
287	<i>Betonica officinalis</i> L.	G	#
288	<i>Betonica officinalis</i> L.	G	#
318	<i>Calamintha nepetoides</i> Jordan	G	10 #
321	<i>Calamintha sylvatica</i> Bromf. subsp. <i>ascendens</i> (Jord.) P.W.Ball	G	#
596	<i>Dracocephalum ruyschiana</i> L.	G	10 #
920	<i>Hyssopus officinalis</i> L.	G	#
1019	<i>Lavandula angustifolia</i> Mill.	G	10
1021	<i>Leonorus cardiaca</i> L.	G	10 #
1088	<i>Lycopus exaltatus</i> L. f.	G	#
1129	<i>Mentha</i> sp.	G	#
1140	<i>Micromeria fruticosa</i> (L.) Druce	G	#
1150	<i>Monarda fistulosa</i> L.	G	#
1152	<i>Monarda media</i> Willd.	G	#
1167	<i>Nepeta pannonica</i> L.	G	10 #
1206	<i>Origanum vulgare</i> L.	G	#
1254	<i>Phlomis russeliana</i> (?)	G	#
1256	<i>Phlomis tuberosa</i> L.	G	#
1350	<i>Prunella vulgaris</i> L.	G	#
1388	<i>Pycnanthemum virginianum</i> (L.) T. Durand & B.D. Jacks. ex B.L. Rob. & Fernald	G	10
1467	<i>Salvia austriaca</i> Jacq.	G	10 #
1473	<i>Salvia pratensis</i> L.	G	#
1469	<i>Salvia glutinosa</i> L.	G	#
1471	<i>Salvia nemorosa</i> L.	G	10 #
2224	<i>Salvia ringens</i> Sibth. et Smith	G	#
1475	<i>Salvia sclarea</i> L.	G	#
1476	<i>Salvia tomentosa</i> Mill.	G	10 #
1477	<i>Salvia transsylvanica</i> Schur.	G	#
1478	<i>Salvia verticillata</i> L.	G	10 #
1493	<i>Satureja montana</i> L.	G	#
1516	<i>Scutellaria baicalensis</i> Georgi	G	#
1656	<i>Teucrium chamaedrys</i> L.	G	#
1657	<i>Teucrium polium</i> L. subsp. <i>polium</i>	G	#
1658	<i>Teucrium scorodonia</i> L.	G	#
	Lillaceae Adans		
201	<i>Asphodeline lutea</i> (L.) Reichb.	G	#
719	<i>Galtonia candicans</i> Decne.	S	#
894	<i>Hosta plantaginea</i> (Lamk.) Aschers.	G	#
1051	<i>Lilium martagon</i> L.	G	#
1158	<i>Muscari comosum</i> (L.) Mill.	G	#
1740	<i>Veratrum nigrum</i> L.	G	10 #

1058	Linaceae DC.ex Perleb <i>Linum altaicum</i> Ledeb. ex Juz.	G	10	#
1961	Lythraceae Jaume Saint Hilaire <i>Heimia salicifolia</i> Link et Otto	S		#
101	Malvaceae Juss. <i>Althaea armeniaca</i> Ten.	G		#
1997	<i>Hibiscus</i> sp.	S		#
MDa	Uganda (2004): Murchison falls NP, forest on the left bank of Nile close to the falls			
1176	Onagraceae Adans. <i>Oenothera affinis</i> Cambess.	G		#
1183	<i>Oenothera missouriensis</i> Sims.	G		#
1185	<i>Oenothera organensis</i> Munz	G		#
2218	<i>Oenothera</i> sp.	G		#
2217	<i>Oenothera versicolor</i> Lehm.	G		#
1101	Papaveraceae Adans. <i>Macleaya cordata</i> (Willd.) R. Br.	G		#
1102	<i>Macleaya microcarpa</i> (Maxim.) Fedde	G		#
1966	Passifloraceae Juss. ex Roussel <i>Passiflora suberosa</i> L.	S	10	
2402	Phytolaccaceae R.Br. <i>Phytolacca</i> cf. <i>acinosa</i> Roxb.	S		#
AK	Indie (2002): Tamilnadu, Nilgiri hills, near the town of Kotagiri			
2827	Plantaginaceae A. L. Jussieu <i>Plantago arborescens</i> Poir.	S		#
2890	<i>Plantago arborescens</i> Poir.	S	10	
2139	<i>Plantago media</i> L.	N		#
MD	Czech Republic (2004): Domanice, dry grassland (Bromion), 49°54'37"N, 16°03'26" E, 380 m a.s.l.			
2891	<i>Plantago webbii</i> Bam.	S	10	
2382	Poaceae Barnhart <i>Alopecurus arundinaceus</i> Poir.	G		#
130	<i>Andropogon gerardii</i> Vitman	G		#
2614	<i>Aneurolepidium pseudoagropyrum</i> (Trin. ex Griseb.) Nevski	G		#
2535	<i>Arthraxon hispidus</i> (Thunb.) Makino	G		#
265	<i>Avena pratensis</i> (L.) Dum.	G		#
266	<i>Avena pubescens</i> (Huds.) Dumort.	G		#
297	<i>Bouteloua curtipendula</i> (Michx.) Torr.	G		#
2387	<i>Bouteloua gracilis</i> Steud.	G		#
2796	<i>Brachypodium sylvaticum</i> (Huds.) P. Beauv.	G		#
2821	<i>Brachypodium</i> sp.	S		#
301	<i>Bromopsis erecta</i> (Huds.) Fourr.	G		#
2792	<i>Briza australis</i> Prokudin	G		#
2825	<i>Bromus</i> sp.	S		#
DS	Georgia (2006):; Nak'alak'evi village (near the Turkey border), rock complex of Vardzia approx. 4 km SW from the village; 1200 m a.s.l., 41°22'36"N + 43°15'16"E			
314	<i>Calamagrostis arundinacea</i> (L.) Roth	G		#
2794	<i>Calamagrostis brachytricha</i> Steud.	G		#
448	<i>Ceratochloa cathartica</i> (Vahl) Herter	G		#
2393	<i>Chloris barbata</i> Sw.	G		#
AK	India (2004): Tamilnadu, Nilgiri hills, near the town of Kotagiri			
2797	<i>Cynosurus echinatus</i> L.	G		#
2390	<i>Dactylis smithii</i> Link	S	10	
2892	<i>Echinaria capitata</i> (L.) Desf.	S	10	
2602	<i>Eleusine coracana</i> (L.) Gaertn.	S		#
2791	<i>Elymus confusus</i> (Roshev.) Tzvelev	G		#
2389	<i>Elymus dahuricus</i> Turcz.	G		#
2611	<i>Eremopyrum triticeum</i> (Gaertn.) Nevski	G		#
667	<i>Festuca arundinacea</i> Schreb.	G		#

2400	<i>Festuca gigantea</i> (L.) Vill.	G	#
JG	<i>Czech Republic: Kamenná, distr. Šumperk</i>		
671	<i>Festuca heterophylla</i> Lamk.	G	#
674	<i>Festuca rubra</i> L.	G	#
2793	<i>Festuca</i> sp.	G	#
2601	<i>Harpachne schimperii</i> A. Rich.	G	#
AŠ	<i>Kenya (2006): Maralal</i>		
838	<i>Helictotrichon sempervirens</i> (Vill.) Pilg.	G	#
889	<i>Hordelymus europaeus</i> (L.) Jessen in Harz	G	#
890	<i>Hordeum jubatum</i> L.	G	#
2237	<i>Lolium temulentum</i> L.	G	#
2245	<i>Lolium temulentum</i> L.	G	#
2252	<i>Lolium temulentum</i> L.	G	#
2253	<i>Lolium temulentum</i> L.	G	#
2258	<i>Lolium temulentum</i> L.	G	#
2261	<i>Lolium temulentum</i> L.	G	#
1119	<i>Melica altissima</i> L.	G	#
1857	<i>Melica hyalina</i> Doell	G	#
LF	<i>Chile (2003): province Chillán, Concepción, meadow</i>		
1122	<i>Melica transsylvanica</i> Schur	G	#
1123	<i>Melica uniflora</i> Retz.	G	#
1142	<i>Miscanthus sacchariflorus</i> (Maxim.) Hack	G	#
1143	<i>Miscanthus sinensis</i> Andresson. cv. Zebrina	G	#
2616	<i>Miscanthus</i> sp.	G	#
2226	<i>Panicum virgatum</i> L.	G	#
2822	<i>Parapholis incurva</i> (L.) C.E.Hubbard	S	10
1229	<i>Pennisetum alopecuroides</i> (L.) Spreng.	G	10 #
2893	<i>Pennisetum</i> sp.	S	10
2894	<i>Pogonatherum crinitum</i> (Thunb.) Kunth	S	10
2820	<i>Polypogon monspeliensis</i> (L.) Desf.	G	#
2895	<i>Rhynchelytrum repens</i> (Willd.) C.E. Hubb.	S	10
1608	<i>Spodiopogon sibiricus</i> Trin.	G	#
1620	<i>Stipa bromoides</i> (L.) Dörrfl.	G	10 #
1859	<i>Stipa cf. chrysophylla</i> E. Desv.	S	10
1860	<i>Stipa cf. poeppigiana</i> Trin & Rupr.	G	#
2609	<i>Stipa tenuissima</i> Trin.	G	#
2795	<i>Taeniatherum caput-medusae</i> (L.) Nevski	G	#
	Polygonaceae Juss.		
1451	<i>Rumex alpinus</i> L.	G	#
1452	<i>Rumex confertus</i> Willd.	G	#
1455	<i>Rumex triangulivalvis</i> (Danser) Rech. fil.	G	#
	Portulacaceae Juss.		
2603	<i>Talinum paniculatum</i> (Jacq.) Gaertn.	S	#
	Primulaceae Vent.		
132	<i>Androsace maxima</i> L.	G	10 #
	Ranunculaceae Adans.		
37	<i>Actaea pachypoda</i> Elliott	G	10 #
470	<i>Clematis integrifolia</i> L.	G	#
475	<i>Clematis recta</i> L.	G	#
2786	<i>Clematis vitalba</i> L.	N	#
EK	<i>Czech Republic (2007): Luhačovice - fence by a house in the town, 49°06'08.16" N, 17°45'23.81" E</i>		
2787	<i>Clematis vitalba</i> L.	N	#
EK	<i>Czech Republic (2007): Brno - Černovice - fence by a house in the town, 49°11'00.93" N 16°38'08.96" E</i>		
2788	<i>Clematis vitalba</i> L.	N	#
EK	<i>Czech Republic (2008): Rychnov nad Kněžnou - fence by a park around castle, 50°10'01.07" N, 16°16'46.23" E</i>		
2814	<i>Clematis vitalba</i> L.	N	#
EK	<i>Czech Republic (2008): Prostějov - fence by railway station, 49°18'43.45" N, 17°06'41.44" E</i>		
2815	<i>Clematis vitalba</i> L.	N	#
EK	<i>Czech Republic (2008): Držovice - fence by family house, 49°29'0.96" N, 17°07'19.09" E</i>		

495	<i>Consolida regalis</i> S. F. Gray	G	10	#
556	<i>Delphinium brunonianum</i> Royle	G		#
628	<i>Eranthis hyemalis</i> (L.) Salisb.	G		#
1373	<i>Pulsatilla grandis</i> Wenderoth	G		#
1375	<i>Pulsatilla pratensis</i> (L.) Mill.	G		#
1396	<i>Ranunculus acris</i> L.	G		#
1397	<i>Ranunculus arvensis</i> L.	G		#
1399	<i>Ranunculus gramineus</i> L.	G		#
1400	<i>Ranunculus illyricus</i> L.	G		#
Resedaceae Martnov				
1408	<i>Reseda luteola</i> L.	G		#
Rosaceae Adans.				
57	<i>Agrimonia coreana</i> Nakai	G		#
58	<i>Agrimonia eupatoria</i> L.	G		#
59	<i>Agrimonia japonica</i> (Miq.) Koidz.	G		#
60	<i>Agrimonia procera</i> Wallr.	G		#
61	<i>Agrimonia repens</i> L.	G		#
62	<i>Agrimonia striata</i> Michx.	G		#
681	<i>Filipendula ulmaria</i> (L.) Maxim. subsp. <i>picbaueri</i> (Podp.) Smejkal	G	10	#
683	<i>Filipendula vulgaris</i> Moench.	G	10	#
774	<i>Gillenia trifoliata</i> (L.) Moench	G		#
1315	<i>Potentilla arguta</i> Pursh	G		#
1316	<i>Potentilla atrosanguinea</i>	G	10	#
1326	<i>Potentilla glandulosa</i> Lindl.	G		#
1330	<i>Potentilla inclinata</i> Vill.	G		#
1334	<i>Potentilla multifida</i> L.	G	10	#
1338	<i>Potentilla pensylvanica</i> L.	G	10	#
1339	<i>Potentilla plattensis</i> Nutt.	G		#
1346	<i>Potentilla thuringiaca</i> Bernh. ex Link	G		#
1349	<i>Prinsepia uniflora</i> Batalin	G	10	#
1481	<i>Sanguisorba albiflora</i> (Makino) Makino	G	10	#
1483	<i>Sanguisorba canadensis</i> L.	G	10	#
1484	<i>Sanguisorba dodecandra</i> Moretti	G	10	#
1485	<i>Sanguisorba minor</i> Scop.	G		#
1487	<i>Sanguisorba tenuifolia</i> Fisch. ex Link	G		#
Rublaceae Juss.				
716	<i>Galium schultesii</i> Vest.	G	10	#
Rutaceae Juss.				
585	<i>Dictamnus albus</i> L.	G	10	#
1457	<i>Ruta graveolens</i> L.	G	10	#
1885	<i>Zanthoxylum simulans</i> Hance	G		#
Sapindaceae Juss.				
984	<i>Koelreuteria paniculata</i> Laxm.	G		#
Salicaceae Mirb.				
1458	<i>Salix acutifolia</i> Willd.	G		#
Scrophulariaceae Juss.				
1231	<i>Penstemon barbatus</i> (Cav.) Roth.	G		#
1234	<i>Penstemon hirsutus</i> (L.) Willd.	G		#
1507	<i>Scrophularia chrysantha</i> Jaub. et Spach.	G	10	#
1775	<i>Veronica gentianooides</i> Vahl	G		#
1783	<i>Veronica teucrium</i> L.	G	10	#
1784	<i>Veronica urticifolia</i> Jacq.	G		#
1789	<i>Veronicastrum virginicum</i> (L.) Farw.	G	10	#
Solanaceae Adans.				
1914	<i>Capsicum chinense</i> Jacq.	S		#
AH	<i>Uganda (2004): Ntandi</i>			
554	<i>Datura stramonium</i> L.	G		#
2230	<i>Datura stramonium</i> L.	G		#
2898	<i>Datura stramonium</i> L.	N	10	#
EK	<i>Slovakia (2010): Súlov, ruderal place in the village</i>			
2231	<i>Hyoscyamus niger</i> L.	G		#

2242	<i>Hyoscyamus niger</i> L.	G	#
2249	<i>Nicotiana glutinosa</i> L.	G	#
2250	<i>Nicotiana tabacum</i> L.	G	#
2078	<i>Solanum aculeastrum</i> Dunal	S	#
MDa	Kenya (2004): Kakamega forest, near the village Shinyalu		
	Taxodiaceae Saporta		
535	<i>Cryptomeria japonica</i> D. Don	G	10 #
	Urticaceae Juss.		
1218	<i>Parietaria officinalis</i> L.	G	#
	Valerianaceae		
1738	<i>Valerianella olitoria</i> (L.) Pollich	G	#
	Verbenaceae Adans.		
1746	<i>Verbena hastata</i> L.	G	#
1747	<i>Verbena officinalis</i> L.	G	#
1748	<i>Verbena stricta</i> Vent.	G	#
	Zingiberaceae Martinov		
2432	<i>Hedychium horsfieldii</i> R. Br. ex Wall.	S	#
2430	<i>Hedychium muluense</i> R. M. Sm	S	#

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INDEX SEMINUM 2010

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Faculty of Science
Palacký University in Olomouc

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The Botanic Garden is dedicated to the conservation, sustainable use and research of biological diversity. With regard to the acquisition, maintenance and supply of plant material, the Garden therefore expects its partners to act in a manner that is consistent to the letter and spirit of the Convention on Biological Diversity (Rio de Janeiro, 1992), 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.

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