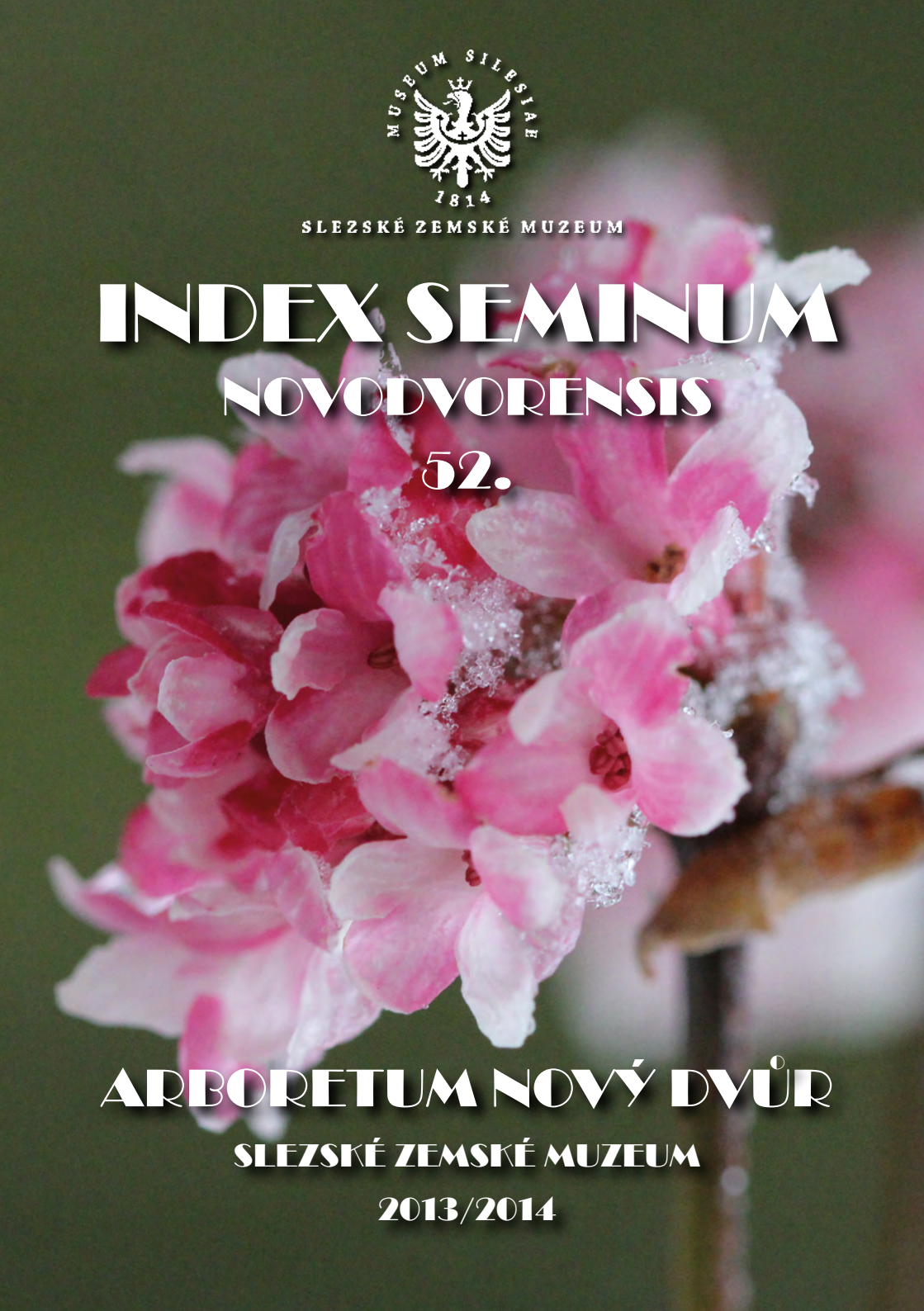

SLEZSKÉ ZEMSKÉ MUZEUM

INDEX SEMINUM
NOVODVORENSIS
52.

ARBORETUM NOVÝ DVŮR

SLEZSKÉ ZEMSKÉ MUZEUM

2013/2014

INDEX SEMINUM NOVODVORENSIS
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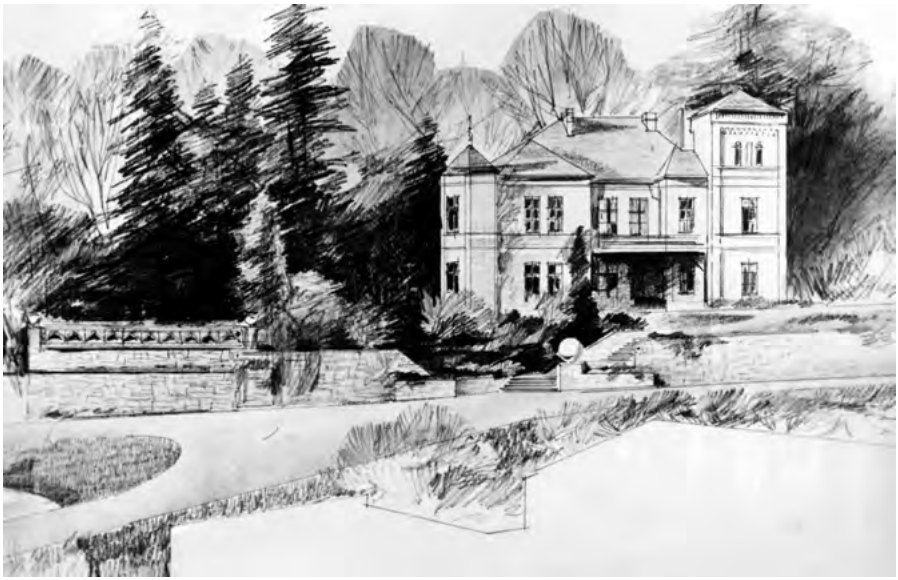
ARBORETUM NOVÝ DVŮR



SLEZSKÉ ZEMSKÉ MUZEUM
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GENERAL INFORMATION

Established in: 1958
Geographical location: 17°46´50´´E, 49°56´12´´N
Altitude: *336-354* m
Area: *23* hectares

CLIMATIC CONDITIONS (OPAVA)

Annual mean temperature (1876-1975): 8,2°C
Annual rainfall (1876-1975): 621 mm

) The picture from title page displays rich pink „ice blossoms" of early flowering* ***Bodnant Viburnum - Viburnum bodnantense ‚Dawn'* *from the Nový Dvůr Arboretum (Lička, 24.1.2014)*

HISTORY OF THE NOVÝ DVŮR ARBORETUM

The Nový Dvůr Arboretum is one of the six exhibition premises of the Silesian Museum. It is a botanical garden with a special focus on dendrology, i.e. the study of trees. The arboretum enjoys a special status within the museum, as no other part of the institution administers living exhibits.

The origin of the arboretum are closely linked to the owner of the Nový Dvůr estate, Quido Riedl (1878-1946). During his time in Nový Dvůr (1906-28) Riedl, with exquisite taste, created a natural, landscaped park in a modestly-sized area of 1.8 hectares, and which contained up to 500 tree species and cultivars from both home and abroad. This park became the foundation for the current arboretum and forms the historical section of the dendrological exhibition, which gradually expanded to its current 23 hectares. In 1928 Quido Riedl returned to his native Bílá Lhota, near the town of Litovel, where, on slightly less than 3 hectares of land, he laid out a similarly impressive park, with a rich collection of trees that later became the foundation for the Bílá Lhota Arboretum. Riedl left the Nový Dvůr estate to his daughter, Elisabeth Schubert and son-in-law Walter Schubert, who tended to the park until the end of the Second World War.

Quido Riedel, founder of the Nový Dvůr park exhibition, pictured at his native Bílá Lhota near Litovel (1945)

In the post-war period the Nový Dvůr estate went through a number of owners, while the park was deprived of expert supervision and became overgrown and neglected.

The situation changed in 1958, when the park – one of the most valuable dendrological sites in Silesia – was given to the Silesian Museum, which set up the arboretum. The historical part of the dendrological exhibition has been preserved in its natural, landscaped form and, apart from the value of the trees as a collection, the park itself is of immense worth due to its design and composition. The basic structure of the park

consists of fully-grown, solitary or grouped pine trees of the Heraltice ecotype, or vegetation surrounding them, which alternate with grassy open spaces. The compositional design of the park allows views of interesting tree combinations showing contrasting structures, textures, habits, autumn colouration or colour and intensity of blossoming.

The newer parts of the dendrological exhibition are based on a different concept. The overall composition is, here, subordinate to the division of the park into geographical units; under the overall title of 'The Trees of Five Continents', each section contains geographically related species. Between 1967-70 a large greenhouse complex was built over an area of 1,300 m2, containing an exhibition of subtropical and tropical plants. This complex was open to visitors for 30 years before it had to be demolished in 2000 due its poor technical condition. It was replaced with a fully-equipped silvicultural greenhouse, part of which was opened to the public in 2010 in the form of a small greenhouse exhibition.

The new manor house was built in the Neo-Renaissance style by Baron Antonín Luft following his acquisition of the Nový Dvůr estate, and used by Quido Riedl between 1906-28. After 1958, it was became the administrative building of the newly established arboretum.

The issue of the first Index Seminum Novodvorensis has been dated since 1960.

View of Nový Dvůr manor house from years 1914-1920

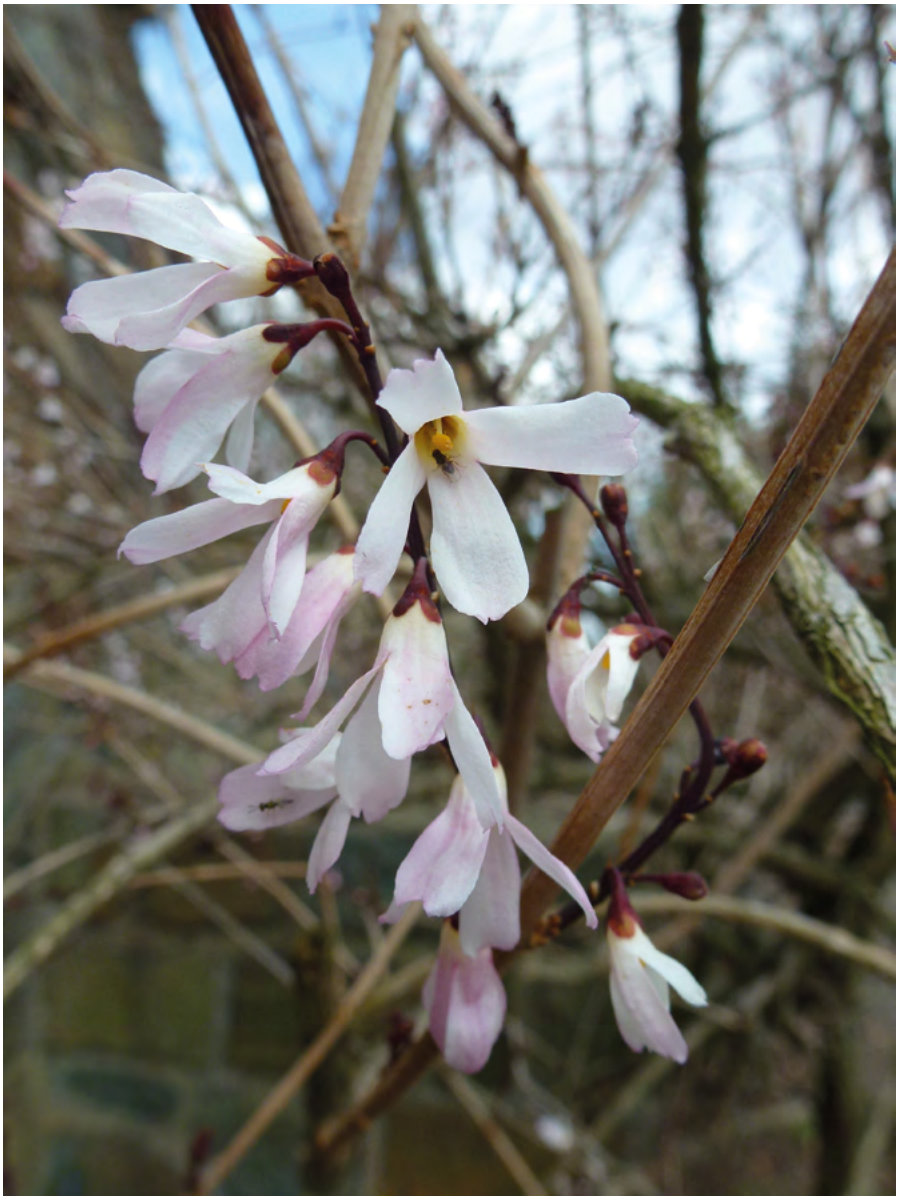
SEEDS COLLECTED IN THE NOVÝ DVŮR ARBORETUM

GYMNOSPERMAE

CUPRESSACEAE

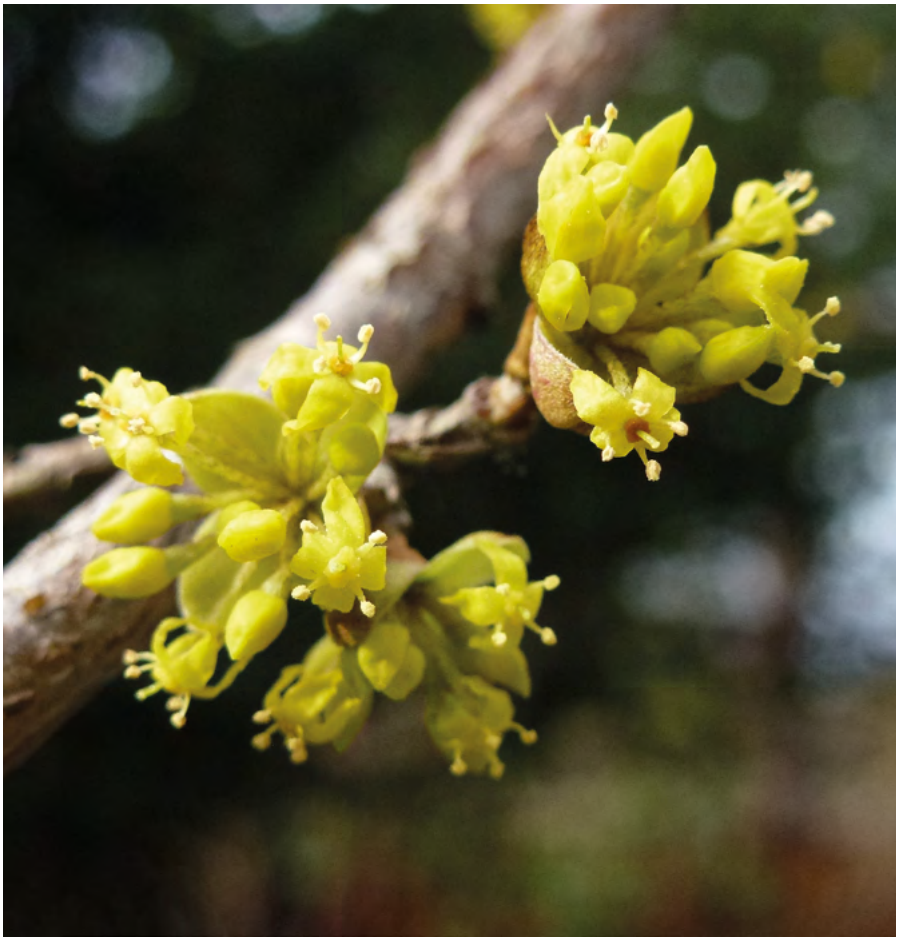
1.	*Cryptomeria japonica* (Thun. ex L.f.) D. Don		
2.	*Cunninghamia lanceolata* (Lamb.) Hook.		24
3.	*Chamaecyparis lawsoniana* (A. Murray) Parl.		
4.	*Chamaecyparis obtusa* (Siebold & Zucc.) Endl.		1666-94-10
5.	*Chamaecyparis obtusa* (Siebold & Zucc.) Endl.		84/81
6.	*Juniperus scopulorum* Sarg.	´Skyrocket´	2046-97-80
7.	*Microbiota decussata* Komarov		0941-91-10
8.	*Thuja occidentalis* L.	´Aurea Fertilis´	785/274
9.	*Thuja occidentalis* L.	´Frieslandia´	2311-98-80
10.	*Thuja occidentalis* L.	´Hoseri´	752/274
11.	*Thuja occidentalis* L.	´Hoseri´	752/274
12.	*Thuja occidentalis* L.	´Pendula´	741/274
13.	*Thuja plicata* Donn ex D. Don	´Dura´	0189-95-80
14.	*Thuja plicata* Donn ex D. Don	´Excelsa´	0190-95-80
15.	*Thuja plicata* Donn ex D. Don		1574
16.	*Thujopsis dolabrata* (Thunb. ex L. f.) Siebold & Zucc.		

	PINACEAE		
17.	*Abies borissii-regis* Mattf.		
18.	*Abies koreana* Wilson		
19.	*Abies koreana* Wilson		
20.	*Abies koreana* Wilson	´Silberlocke´	2779-96-80
21.	*Abies pinsapo* Boiss.		
22.	*Abies procera* Rehder		
23.	*Abies veitchii* Lindl.		
24.	*Larix gmelinii* (Rupr.) Kuzen.		86183
25.	*Larix gmelinii* var. *principis - rupprechtii* (Mayr) Pilger		190295
26.	*Larix kaempferi* (Lamb.) Carriere		1448-94-10
27.	*Larix kaempferi* (Lamb.) Carriere		695/78
28.	*Larix laricina* (Du Roi) K. Koch		1593
29.	*Larix laricina* (Du Roi) K.Koch	´Ontario´	1433
30.	*Larix maritima* Sukacz.		85120
31.	*Picea abies* (L.) H. Karst	´Acrocona´	1542-94-80
32.	*Pinus jeffreyi* Balf.		
33.	*Tsuga canadensis* (L.) Carriere		
34.	*Tsuga canadensis* (L.) Carriere	´Microphylla´	0766-93-80
35.	*Tsuga caroliniana* Engelm.		
36.	*Tsuga diversifolia* (Maxim.) Mast.		
37.	*Tsuga hererophylla* (Raf.) Sarg.		0113-91-70
38.	*Tsuga mertensiana* (Bong.) Carriere		
	TAXACEAE		
39.	*Taxus baccata* L.	´Melfard´	607/1183
40.	*Taxus baccata* L.	´Nissen‘s Corona´	87601
41.	*Taxus baccata* L.		0679-93-10
42.	*Taxus canadensis* Marshall		21-81
43.	*Taxus x media* Rehd.	´Sargentii´	616/1183
44.	*Taxus x media* Rehder		474/582



Pink-tinged blossoms of Korean Abelialeaf ***Abeliophyllum distichum*** *Nak. (Lička, 28. 3. 2012).*

	TAXODIACEAE	
45.	*Cryptomeria japonica* (Thun. ex L.f.) D. Don	1201-96-10
46.	*Cryptomeria japonica* (Thun. ex L.f.) D. Don	90292



Bright yellow blossoms of European Cornel ***Cornus mas*** *(Lička, 16. 2. 2014).*

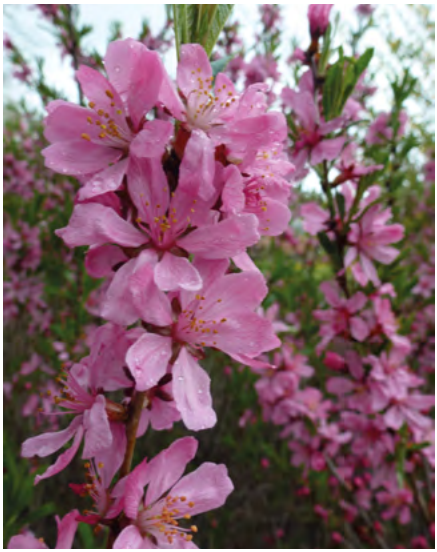
ANGIOSPERMAE

ACERACEAE

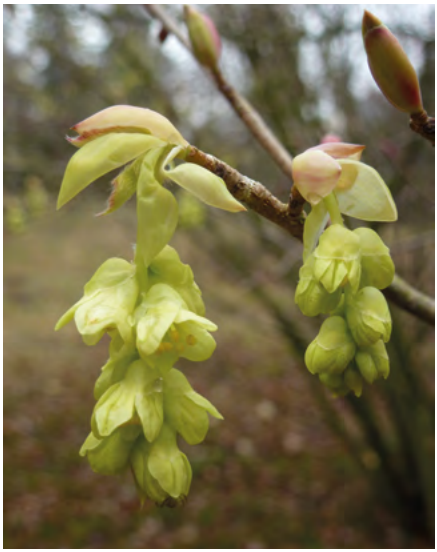
47.	*Acer buergerianum* Miq.		323/78
48.	*Acer circinatum* Pursh		1970-92-10
49.	*Acer ginnala* Maxim.		1932-92-10
50.	*Acer ginnala* Maxim.		2242-93-10
51.	*Acer griseum* (Franch.) Pax		2/78
52.	*Acer japonicum* Thunb.		1018-97-80
53.	*Acer japonicum* Thunb.	´Aconitifolium´	1018-97-80
54.	*Acer mandshuricum* Maxim.		
55.	*Acer mandshuricum* Maxim.		
56.	*Acer micranthum* Sibold & Zucc.		375/80
57.	*Acer monspessulanum* L.		57/69
58.	*Acer neugundo* var. *violaceum* (Kirchn.) Jäger		2255-96-80
59.	*Acer opalus* Mill. var. *tomentosum* (Tausch) Rehder		
60.	*Acer palmatum* Thunb. ex Murray	´Azuma murasaki´	1852-93-80
61.	*Acer palmatum* Thunb. ex Murray		
62.	*Acer palmatum* Thunb. ex Murray	´Atropurpureum´	
63.	*Acer palmatum* Thunb. var. *palmatum*		2097-92-10
64.	*Acer pensylvanicum* L.		1875
65.	*Acer platanoides* L.	´Faassen´s Black´	
66.	*Acer rufinerve* Siebold & Zucc.		910
67.	*Acer shirasawanum* Koidz.		263/82
68.	*Acer tataricum* L.		2164-94-10

ACTINIDIACEAE

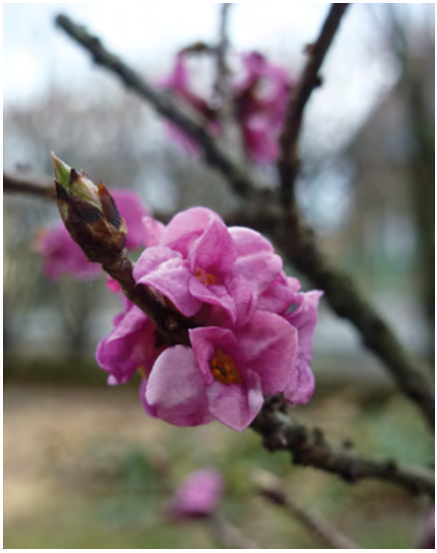
69.	*Actinidia chinensis* Planch.		119/77-1



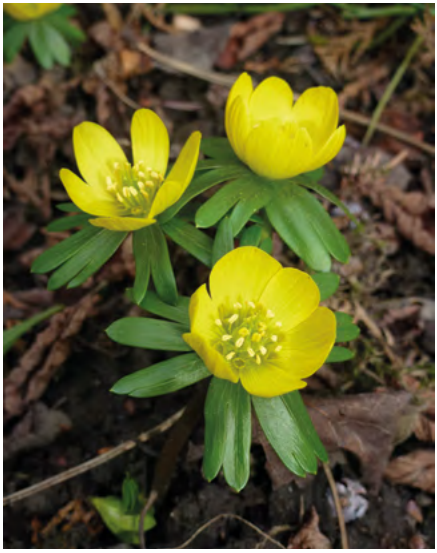
Showy pink blossoms of Dwarf Russian Almond ***Prunus tenella*** *(Lička, 23. 4. 2012).*



Soft greenish yellow blossoms of Willmott's Winter Hazel ***Corylopsis willmottiae*** *(Lička, 5. 4. 2012)*



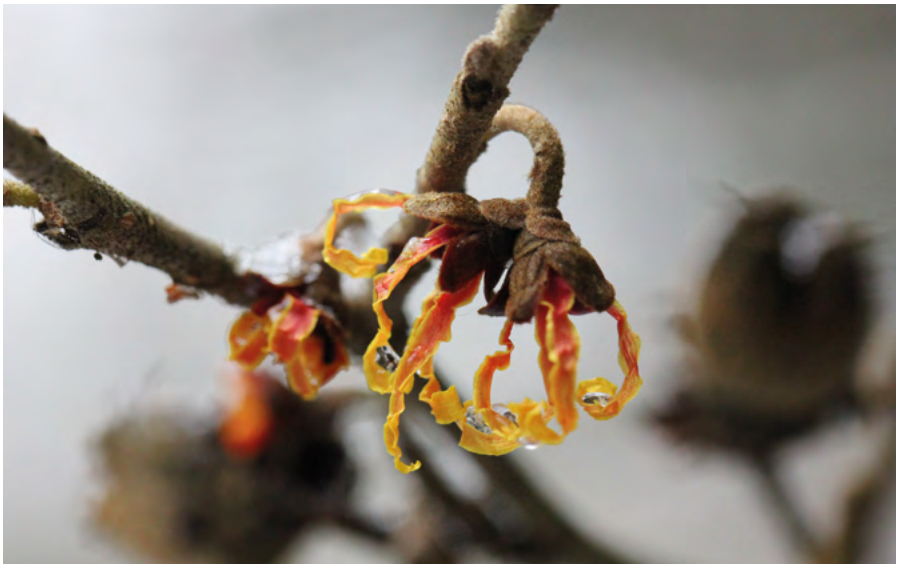
Rosy purple blossoms od February Daphne (Mezereon) ***Daphne mezereum*** *(Lička, 16. 2. 2014)*



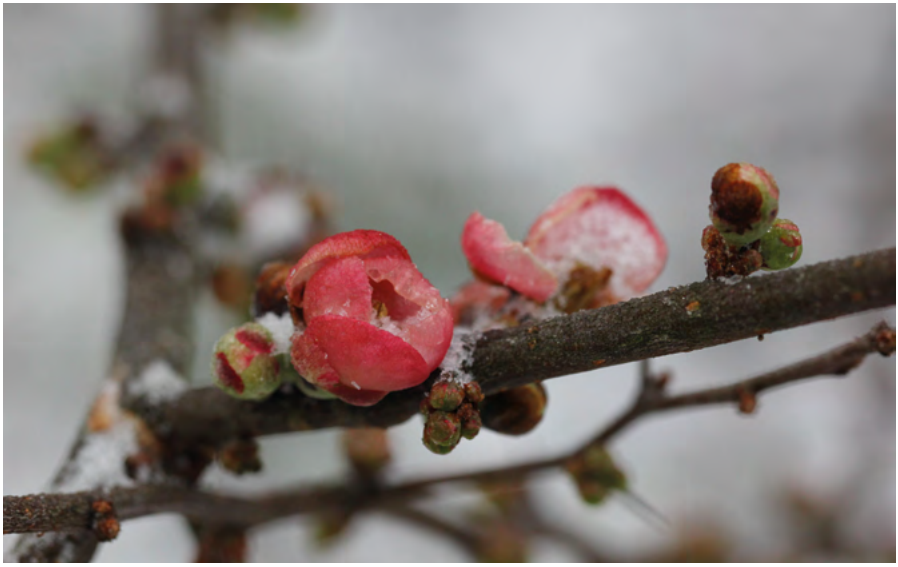
Golden yellow blossoms of Winter Aconite ***Eranthis hyemalis*** *(Lička, 16. 2. 2014)*

	ANACARDIACEAE		
70.	*Cotinus coggygria* Scop.	´Royal Purple´	1276-05-80
71.	*Cotinus coggygria* Scop.		
	AQUIFOLIACEAE		
72.	*Nemopanthus mucronatus* (L.) Loes.		1256
	ARALIACEAE		
73.	*Acanthopanax henryi* (Oliv.) Harms		
74.	*Acanthopanax setchuenensis* Harms		1339-96-10
75.	*Acanthopanax sieboldianus* Makino		87108
76.	*Aralia chinensis* L.		0305-91-70
	BERBERIDACEAE		
77.	*Berberis amurensis* Rupr. var. *japonicus*		2694-92-10
78.	*Berberis thunbergii* DC.		
79.	*Berberis vulgaris* L.		0166-92-20
80.	*Mahonia aquifolium* (Pursh) Nutt.	´Donewell´	0700-98-70
	BETULACEAE		
81.	*Alnus fruticosa* Rupr.		0623-91-10
82.	*Alnus hirsuta* (Spach) Rupr.		1174-95-10
83.	*Alnus inokumae* Murai et Kusaka		1292-94-10
84.	*Alnus japonica* (Thunb.) Steud.		2001-92-10
85.	*Alnus kamtschatica* (Callier) Komarov		0823-91-10
86.	*Alnus kamtschatica* (Callier) Komarov		0823-91-10

87.	*Alnus mandshurica* (Callier) Hand. - Mazz. var. *mandshurica*		
88.	*Alnus maritima* (Marshall) Muhl. ex Nutt.		87531
89.	*Alnus rugosa* (Du Roi) Spreng.		0113-92-10
90.	*Alnus sinuata* (Regel) Rydb.		0809-91-10
91.	*Betula alleghaniensis* Britton		1738-92-10
92.	*Betula concinna* Gunnarsson		1734-92-10
93.	*Betula humilis* Schrank		81/74
94.	*Betula humilis* Schrank		81/74
95.	*Betula humilis* Schrank		81/74
96.	*Betula humilis* Schrank		2732-95-40
97.	*Betula chinensis* Maxim.		1690-94-10
98.	*Betula jacquemontii* Spach		
99.	*Betula lenta* L.		90624
100.	*Betula occidentalis* Hook.		88170
101.	*Betula papyrifera* Marshall		0346-93-10
102.	*Betula pendula* (Besser) Á. & D. Löwe subsp. *oycoviensis*		1507
103.	*Betula pendula* (Besser) Á. & D. Löwe subsp. *oycoviensis*		1499
104.	*Betula pendula* Roth	´Golden Cloud´	2652-98-80
105.	*Betula pubescens* Ehrh.		1645
106.	*Betula pubescens* Ehrh.		0607-92-10
107.	*Betula pubescens* Ehrh.		0789-91-10
108.	*Betula pubescens* Ehrh.		0607-92-10
109.	*Betula pumila* L.		0634-91-10
110.	*Betula x aurata* Borkh.		660/80
111.	*Carpinus betulus* L.		1296-93-10
112.	*Carpinus caroliniana* Walter		1271-93-10
113.	*Carpinus cordata* Bl.		2686-92-10
114.	*Carpinus laxiflora* (Siebold & Zucc.) Blume		2687-92-10



Excellent coppery orange – red „ice blossoms" of Witch Hazel ***Hamamelis x intermedia ‚Feuerzauber'*** *(Lička, 16. 2. 2014).*



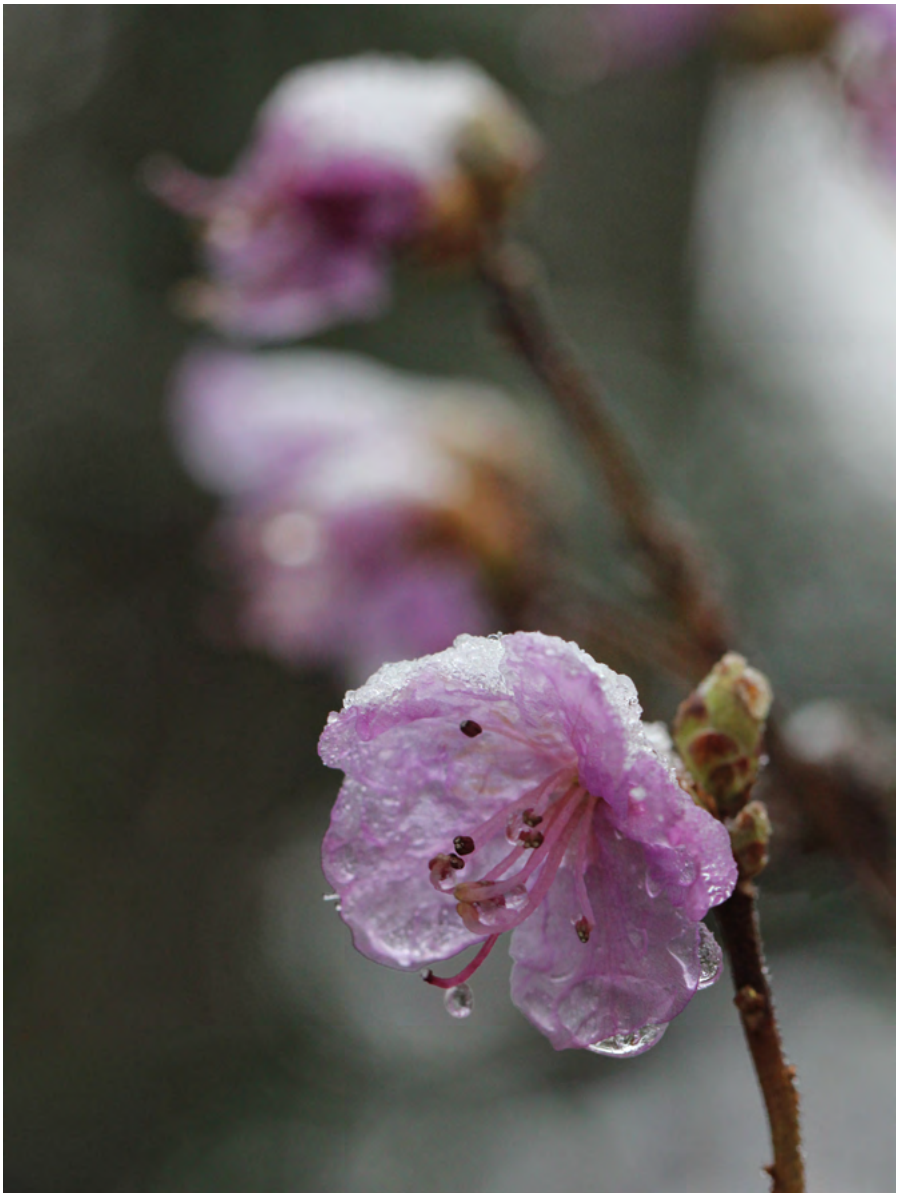
Bright red „ice blossoms" of Common Flowering Quince ***Chaenomeles speciosa*** *(Lička, 24. 1. 2014).*

115.	*Carpinus shensiensis* Hu		3399-96-80
116.	*Carpinus tschonoskii* Maxim.		1186-96-10
117.	*Corylus americana* Marsh.		1365-92-10
118.	*Ostrya virginiana* (Mill.) K. Koch		185219
	BIGNONIACEAE		
119.	*Catalpa bignonioides* Walter		
	BUXACEAE		
120.	*Buxus microphylla* Siebold & Zucc. var. *koreana* Nakai		3221-94-80
121.	*Buxus sempervirens* L.		2126-96-80
122.	*Buxus sempervirens* L.	´Glauca´	2129-95-80
	CAPRIFOLIACEAE		
123.	*Kolkwitzia amabilis* Graebn.		0078-94-80
124.	*Kolkwitzia amabilis* Graebn.		0713-95-80
125.	*Kolkwitzia amabilis* Graebn.		3222-94-83
126.	*Lonicera alpigena* L.		0673-93-10
127.	*Lonicera alpigena* var. *glehnii* (Schmidt) Nakai		0476-94-10
128.	*Lonicera alpigena* var. *glehnii* (Schmidt) Nakai		0476-94-10
129.	*Lonicera subhispida* Nakai		0998-93-70
130.	*Lonicera tatarica* L.	´Hack´s Red´	2830-96-80
131.	*Lonicera x xylosteoides* Tausch		0966-93-70
132.	*Sambucus nigra* L.	´Laciniata´	2846-96-80
133.	*Sambucus racemosa* L. f. aureocarpa Hara		90525
134.	*Symphoricarpos oreophilus* (Rydb.) A. Nelson var. *utahensis*		
135.	*Symphoricarpos oreophilus* Gray		1288-95-10

136.	*Symphoricarpos x chenaultii* Rehder		0388-95-10
137.	*Viburnum alnifolium* Marshall		756/78
138.	*Viburnum burejaeticum* Regel & Herder		0539-90-70
139.	*Viburnum burejaeticum* Regel & Herder		
140.	*Viburnum cassinoides* L.		85167
141.	*Viburnum cassinoides* L.		0497-91-10
142.	*Viburnum dilatatum* Thunb.		
143.	*Viburnum lantana* L.		0169-92-10
144.	*Viburnum lentago* L.		1995
145.	*Viburnum opulus* L.		441/78
146.	*Viburnum plicatum* Thunb.	´Watanabe´	2051-92-83
147.	*Viburnum plicatum* Thunb. f. *tomentosum* (Thunb.) Miq.		
148.	*Viburnum prunifolium* L.		2606-93-10
149.	*Viburnum rhytidophyllum* Hemsl.		0428-99-80
150.	*Viburnum sargentii* Koehne		1476-93-10
151.	*Viburnum sargentii* Koehne f. *puberulum* Kom.		2215-94-10
152.	*Viburnum trilobum* Marshall		1382-92-10
153.	*Viburnum wrightii* Miq.		1377-93-40
154.	*Weigela florida* (Bunge) A. DC.		1268-95-10

CELASTRACEAE

155.	*Celastrus orbiculatus* Thunb.		
156.	*Euonymus alatus* (Thunb.) Sieb. f. *striatus* (Thunb.) Makino		
157.	*Euonymus alatus* (Thunb.) Siebold	´Compactus´	0976-98-80
158.	*Euonymus europaeus* L. var. *angustifolius* K. F. Schulz		390/80
159.	*Euonymus hamiltonianus* Wall.		1516-94-10



Magnificent pink „ice blossoms" of deciduous Korean Rhododendron ***Rhododendron mucronolatum*** *(Lička, 24. 1. 2014).*

160.	*Euonymus macropterus* Rupr.		67/79
161.	*Euonymus phellomanus* Loes. ex Diels		
162.	*Euonymus planipes* (Koehne) Koehne		509/78

CERCIDIPHYLLACEAE

163.	*Cercidiphylum japonicum* Siebold & Zucc.		

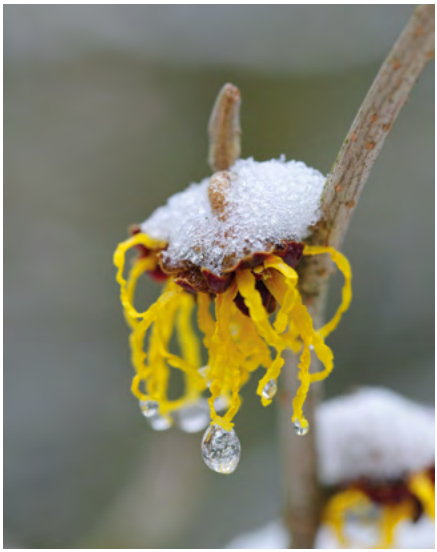
CORNACEAE

164.	*Cornus alba* L.	´Gouchaultii´	2257-98-80
165.	*Cornus alba* L.	´Spaethii´	
166.	*Cornus alba* L.	´Rosenthalii´	3055-91-80
167.	*Cornus alba* L.	´Spaethii´	1363-96-80
168.	*Cornus alba* L.	´Westonbirt´	
169.	*Cornus alternifolia* L.		1272-93-10
170.	*Cornus amomum* L.		84448
171.	*Cornus amomum* L. subsp. *obliqua*		1889-93-50
172.	*Cornus drummondii* C.A.Mey.		1273-93-10
173.	*Cornus drummondii* C.A.Mey.		1672
174.	*Cornus kousa* (Berg.) Hance var. *kousa*		
175.	*Cornus mas* L.		1858-93-10
176.	*Cornus mas* L.	´Variegata´	2511-93-80
177.	*Cornus sanguinea* (L.) Opiz		1331

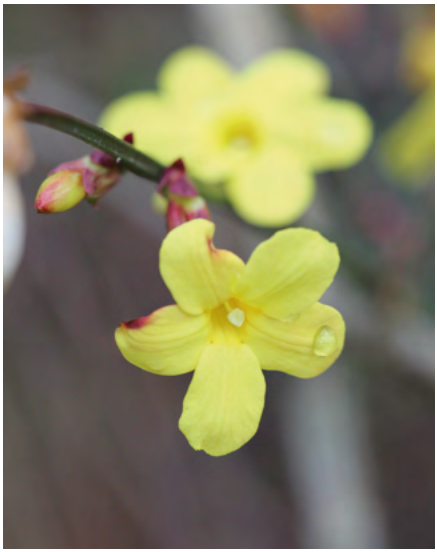
ERICACEAE

178.	*Enkianthus cernuus* var. *rubens* (Maxim.) Makino		85005
179.	*Gaultheria shallon* Pursh		
180.	*Gaylussacia baccata* K. Koch		850 10
181.	*Kalmia angustifolia* L.		

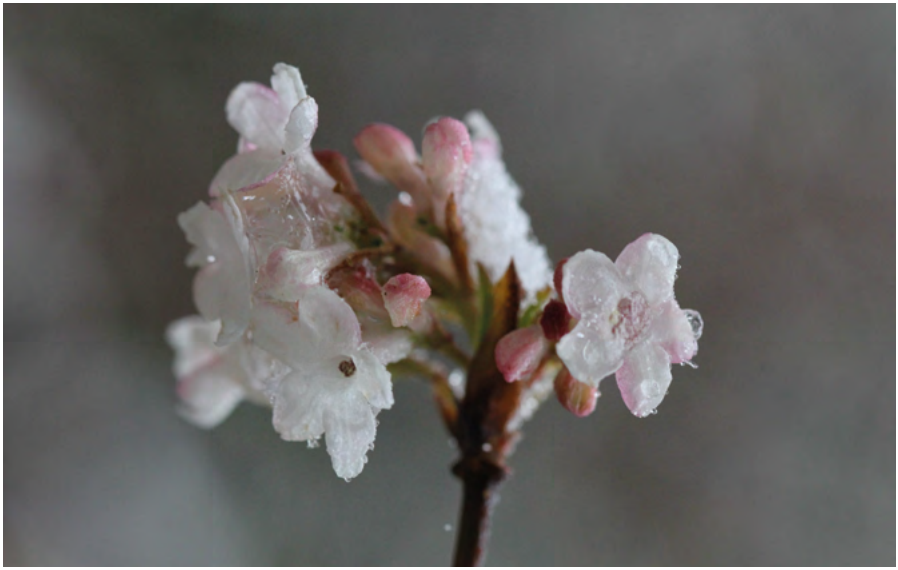
182.	*Oxydendrum arboreum* (L.) DC.		
183.	*Vaccinium arctostaphylos* L.		0656-91-10
184.	*Vaccinium arctostaphylos* L.		0656-91-10
	FABACEAE		
185.	*Caragana arborescens* Lam.	´Pendula´	2213-93-80
186.	*Caragana arborescens* Lam.	´Lorbergii´	3049-91-80
187.	*Caragana manshurica* Kom.		0855-91-40
188.	*Caragana turkestanica* Komarov		0907-98-40
189.	*Cercis canadensis* L.		
190.	*Cladrastis lutea* (F. Michx.) K. Koch		0632-95-70
191.	*Cytisus purpureus* Scop.	´Erectus´	1883-96-80
192.	*Genista hispanica* L.		87396
193.	*Genista lydia* Boiss.		84672
194.	*Genista pilosa*	´Lemon Spreader´	3409-96-80
195.	*Laburnocytisus adamii* (Poit.) Schneid.		1871-94-80
196.	*Laburnocytisus adamii* (Poit.) Schneid.		2202-96-80
197.	*Laburnum x watereri* (Kirchn.) Dippel		87378
	FAGACEAE		
198.	*Fagus crenata* Blume		1799-96-80
199.	*Fagus sylvatica* L.	´Horizontalis´	1792-96-80
200.	*Fagus sylvatica* L.	´Rotundifolia´	90080
201.	*Quercus prinus* L.		767/84
	GROSSULARIACEAE		
202.	*Ribes komarovii* Pojark.		1227-95-10
203.	*Ribes petraeum* Wulfen		1790



Bright yellow „ice blossoms" of Chinese Witch Hazel ***Hamamelis mollis*** *(Lička, 23. 1. 2014).*



Sulphur yellow blossoms of Winter Jasmine ***Jasminum nudiflorum*** *(Lička, 10. 1. 2014).*



Rich pink „ice blossoms" of early flowering Fragrant Viburnum ***Viburnum farreri*** *(Lička, 24. 1. 2014).*

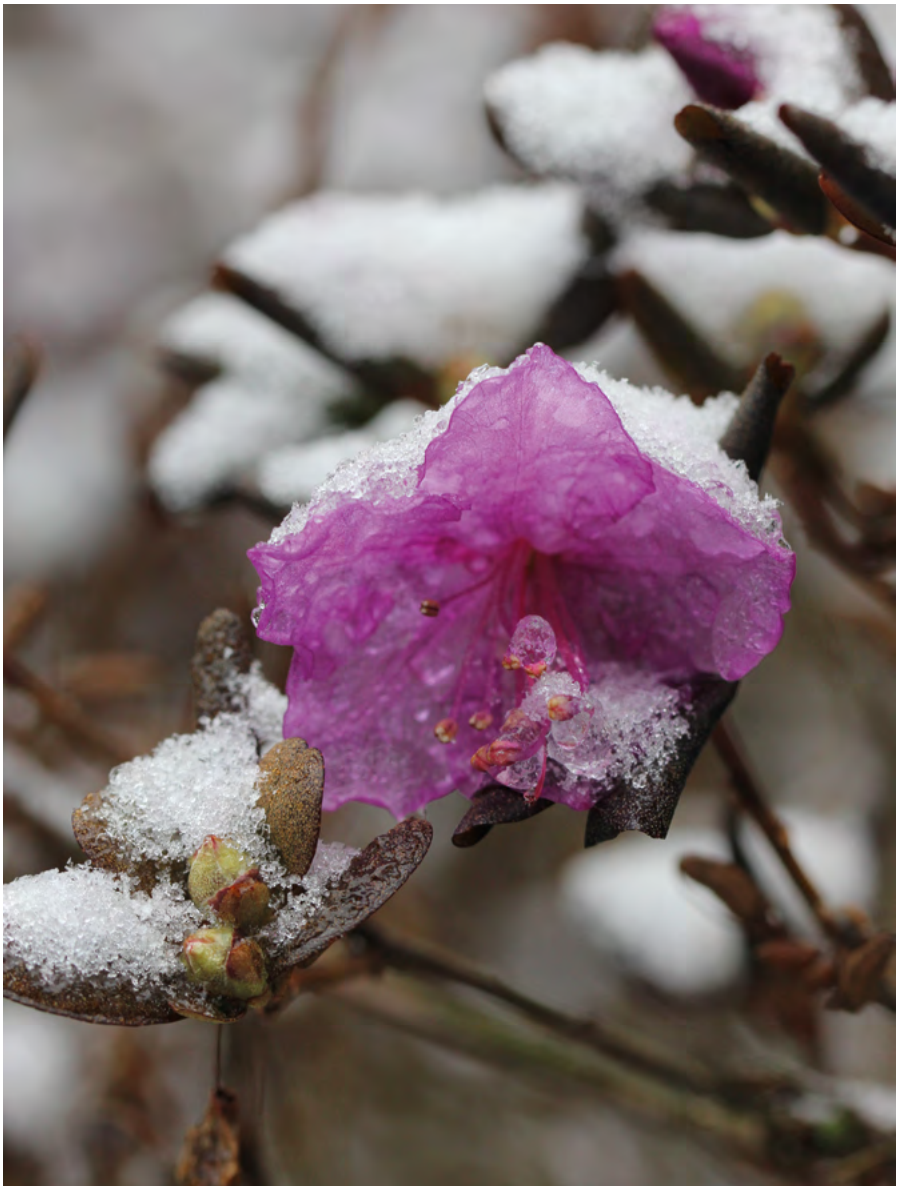
	HAMAMELIDACEAE		
204.	*Fothergilla major* L.		18
205.	*Hamamelis japonica* Siebold & Zucc.	´Rubra´	94F
206.	*Hamamelis mollis* Oliver ex Forb. & Hemsl.		
207.	*Hamamelis mollis* Oliver ex Forb. & Hemsl.		
208.	*Hamamelis sp.*		18/9
209.	*Hamamelis sp.*		
210.	*Hamamelis vernalis* Sarg.	´Lombart´s Weeping´	
211.	*Hamamelis vernalis* Sarg.		47/77
212.	*Hamamelis vernalis* Sarg.	´Sandra´	2056-92-80
213.	*Hamamelis virginiana* L.		9060
214.	*Hamamelis virginiana* L.		
215.	*Hamamelis virginiana* L.		0490-93-10
216.	*Hamamelis virginiana* L.		
217.	*Hamamelis x intermedia* Rehder	´Diana´	0710-95-80
218.	*Hamamelis x intermedia* Rehder	´Feuerzauber´	46/82
219.	*Hamamelis x intermedia* Rehder	´Jelena´	0712-95-80
220.	*Hamamelis x intermedia* Rehder	´Orange Beauty´	516/78
221.	*Hamamelis x intermedia* Rehder	´Ruby Glow´	18/12
222.	*Parrotiopsis jacquemontiana* (Decne.) Rehder		84720
	HIPPOCASTANACEAE		
223.	*Aesculus parviflora* Walt.		
	JUGLANDACEAE		
224.	*Pterocarya stenoptera* C. DC.		0431-99-80
	LAMIACEAE		
225.	*Callicarpa japonica* Thunb.		

	LARDIZABALACEAE		
226.	*Decaisnea fargesii* Franch.		0634-99-80
227.	*Sinofranchetia chinensis* (Franch.) Hemsl.		87168
	MAGNOLIACEAE		
228.	*Magnolia x soulangeana* Soul.-Bod. ex *Thunb.*	´Alba Superba´	3122-96-80
	MORACEAE		
229.	*Broussonetia papyrifera* (L.) Vent.		
	MYRICACEAE		
230.	*Myrica gale* L.		0381-91-10
	OLEACEAE		
231.	*Ligustrum tschonoskii* Decne.		1385-93-40
232.	*Syringa amurensis* Rupr.		1235-95-10
233.	*Syringa tigerstedtii* Harry Sm.		0463-96-40
	PAEONIACEAE		
234.	*Paeonia delavayi* Franch.		88337
	RHAMNACEAE		
235.	*Rhamnus alpina* L. ssp. *fallax* (Boiss.) Maire & Petitm.		79-79
236.	*Rhamnus davurica* Pall.		1236-95-10
237.	*Rhamnus davurica* Pall.		1139-92-40
	ROSACEAE		
238.	*Amelanchier alnifolia* var. *cusickii* Fernald		207
239.	*Amelanchier bartramiana* (Tausch) M. Roem.		139/80

One of first red-flowering form of Witch Hazel ***Hamamelis x intermedia ‚Diana'*** *(Lička, 29. 3. 2012).*

240.	*Amelanchier humilis* Wiegand	137/80
241.	*Amelanchier humilis* Wiegand	138/80
242.	*Amelanchier laevis* Wieg.	
243.	*Amelanchier ovalis* Medik.	0179-92-10
244.	*Amygdalus nana* L.	
245.	*Amygdalus nana* L.	90099
246.	*Aronia melanocarpa* (Michx.) Elliott	150/78
247.	*Aronia prunifolia* (Marshall) Rehder	1385
248.	*Cotoneaster acutifolius* var. *villosulus* Rehder & E. H. Wilson	202/1
249.	*Cotoneaster* aff. *horizontalis*	2096-94-40
250.	*Cotoneaster boisianus* G. Klotz	
251.	*Cotoneaster boisianus* G. Klotz	0343-97-70
252.	*Cotoneaster bullatus* Bois	
253.	*Cotoneaster* cff. *kolaiensis*	0952-97-40
254.	*Cotoneaster cochleatus* (Franch.) G. Klotz	0344-97-70
255.	*Cotoneaster dammeri* C. K. Schneid ´Jürgl´	
256.	*Cotoneaster dammeri* C. K. Schneid ´Skogholm´	
257.	*Cotoneaster giraldii* Flinck & B. Hylmö ex G. Klotz	1156-92-70
258.	*Cotoneaster giraldii* Flinck & B. Hylmö ex G. Klotz	1156-92-70
259.	*Cotoneaster ottoschwarzii* G. Klotz	0886-95-70
260.	*Cotoneaster scandinavicus* B. Hylmö	0875-95-10
261.	*Cotoneaster sikangensis* Flinck & B. Hylmö	1164-92-40
262.	*Crataegus calpodendron* (Ehrh.) Medik.	17/75

263.	*Crataegus calycina* Peterm.		0541-94-10
264.	*Crataegus douglasii* Lindl.		0354-92-10
265.	*Crataegus chrysocarpa* Ashe		0649-96-10
266.	*Crataegus maximowiczii* C. K. Schneid.		1238-95-10
267.	*Crataegus maximowiczii* C. K. Schneid.		1238-95-10
268.	*Crataegus maximowiczii* C. K. Schneid.		1238-95-10
269.	*Crataegus pedicellata* Sarg.		1279-93-10
270.	*Crataegus punctata* Jacq.		1896-93-50
271.	*Crataegus sanquinea* Pall.		802
272.	*Exochorda racemosa* (Lindl.) Rehder		
273.	*Chaenomeles speciosa* (Sweet) Nakai	´Red Ruffles´	1355-96-80
274.	*Chaenomeles x superba* Rehd.	´Crimson And Gold´	3251-96-80
275.	*Chaenomeles x superba* Rehd.	´Knap Hill Scarlet´	1356-96-80
276.	*Laurocerasus officinalis* Roem.	´Mischeana´	2505-96-80
277.	*Laurocerasus officinalis* Roem.	´Mischeana´	2505-96-80
278.	*Laurocerasus officinalis* Roem.	´Schipkaensis Macrophylla´	2507-96-80
279.	*Malus baccata* (L.) Borkh. v. *mandshurica* (Maxim.) C. K. Schneid.		860 76
280.	*Malus coronaria* (L.) Mill.		1711-92-10
281.	*Malus domestica* Borkh.	´Jadernička moravská´	
282.	*Malus fusca* (Raf.) C. K. Schneid.		1989-92-10
283.	*Malus pallasiana* Juz.		87311
284.	*Malus sylvestris* (L.) Mill.		1970-97-10
285.	*Mespilus germanica* L.		
286.	*Neillia affinis* Hemsl.		90056
287.	*Photinia villosa* (Thunb.) DC.		639
288.	*Photinia villosa* (Thunb.) DC.		639CH



Remarkable pink „ice blossoms" of evergreen Rhododendron ***Rhododendron sichotense*** *(Lička, 23. 1. 2014).*

289.	*Physocarpus opulifolius* (L.)	´Dart´s Gold´	1933-97-80
290.	*Physocarpus opulifolius* (L.) Maxim.		1373-92-10
291.	*Prunus cerasifera* Ehrh. var. divaricata (Ledeb.) Bailey		
292.	*Prunus cerasifera* Ehrh. var. divaricata (Ledeb.) Bailey		
293.	*Prunus cerasifera* Ehrh. var. *divaricata* (Ledeb.) Bailey		
294.	*Prunus laurocerasus* L.		
295.	*Prunus maackii* Rupr.		1560-95-70
296.	*Prunus ssiori* F. Schmidt		1388-93-40
297.	*Prunus ssiori* F. Schmidt		1518-92-10
298.	*Pyracantha coccinea*	´Compacta´	3129-96-80
299.	*Pyracantha coccinea*	´Orange Glow´	3127-96-80
300.	*Rhodotypos scandens* (Thunb.) Makino		62/83
301.	*Rosa acicularis* Lindl.		0611-92-10
302.	*Rosa canina*	´Rubrifolia´	
303.	*Rosa majalis* Herrm.		0558-93-10
304.	*Rosa majalis* Herrm.		0558-93-10
305.	*Rosa rubiginosa* L.		0548-92-10
306.	*Rosa rugosa* Thunb.		189174
307.	*Rosa rugosa* Thunb.		0174-89-10
308.	*Rosa* sp.		1571-92-10
309.	*Rosa villosa* L.		2035-93-70
310.	*Rosa villosa* L.	´Karpatia´	0298-89-70
311.	*Rosa woodsii* Lindl.		0816-93-10
312.	*Sorbaria sorbifolia* (L.) A. Braun		0480-95-10
313.	*Sorbus x*	´Tundra´	1501-98-70
314.	*Sorbus* aff. *koehneana*		2117-94-40
315.	*Sorbus alnifolia* (Siebold & Zucc.) K. Koch		187/77
316.	*Sorbus americana* Marshall		1991-93-10
317.	*Sorbus aria* (L.) Crantz		0677-93-10

318.	*Sorbus aria* (L.) Crantz		88498
319.	*Sorbus cashmiriana* Hedl.		0716-92-40
320.	*Sorbus cashmiriana* Hedl.		0718-92-40
321.	*Sorbus discolor* Maxim.		2295-94-80
322.	*Sorbus forrestii* McAll. & Gillham		2115-94-40
323.	*Sorbus chamaemespilus* (L.) Crantz		88220
324.	*Sorbus microphylla* Wenz.		2178-93-40
325.	*Sorbus sambucifolia* (Cham. & Schltdl.) Roem.		0833-91-10
326.	*Sorbus subsimilis* Hedl.		1287-93-10
327.	*Sorbus subsimilis* Hedl.		1349-93-10
328.	*Sorbus turcica* Zinserl.		1494-96-40
329.	*Spiraea betulifolia* Pall.		1187-95-10
330.	*Spiraea bullata* Maxim.		
331.	*Spiraea densiflora* Nutt. & Rydb.		1817-94-80
332.	*Spiraea densiflora* Nutt. & Rydb.		90725
333.	*Spiraea chamaedryfolia* L.		1243-95-10
334.	*Spiraea chamaedryfolia* L. var. *pilosa*		1275-96-70
335.	*Spiraea japonica* L. f.	´Dart´s Red´	1447-97-80
336.	*Spiraea japonica* T. T. Yu var. *incisa*		0815-94-10
337.	*Spiraea media* Schmidt		0266-93-40
338.	*Spiraea trichocarpa* Nakai		1245-95-10

RUBIACEAE

339.	*Cephalanthus occidentalis* L.	0115-92-10

RUTACEAE

340.	*Orixa japonica* Thunb.	90378
341.	*Phellodendron amurense* Rupr.	
342.	*Poncirus trifoliata* (L.) Raf.	
343.	*Ptelea trifoliata* L.	

SALICACEAE

345. *Salix pentandra* L. 0641-95-10

SAPINDACEAE

346. *Koelreuteria paniculata* Laxm.

STAPHYLEACEAE

347. *Staphylea colchica* Steven
348. *Staphylea pinnata* L. 0048-91-10
349. *Staphylea pinnata* L. 0530-91-10

STYRACEAE

351. *Styrax japonicus* Siebold & Zucc. ´Benibana´ 0243-99-70

THEACEAE

352. *Stewartia pseudocamellia* Maxim. var. *koreana* (Rehder) Sealy 485/79

TILIACEAE

353. *Tilia amurensis* Rupr. 0531-91-10
354. *Tilia oliveri* Szyszył. 745/78
355. *Tilia platyphyllos* Scop. ´Laciniata´ 2052-82-80
356. *Tilia platyphyllos* Scop. ´Rubra´ 621/80
357. *Tilia x moltkei* Späth

ULMACEAE

358. *Hemiptelea davidii* (Hance) Planch. 85211
359. *Celtis tenuifolia* Nutt. 2591-93-10

WARNING – IMPORTANT NOTICE

- Electronic version of INDEX SEMINUM 2013/2014 is also downloadable from our website: **http://www.szmo.cz**
- Having any problem with opening this file please ask for hard copy of IS at the post address: ARBORETUM NOVÝ DVŮR, SLEZSKÉ ZEMSKÉ MUZEUM, 746 01 OPAVA, CZECH REPUBLIC.
- Please fill in a form of DESIDERATA 2013/2014 in full details.

Greenish yellow blossoms of Spicebush ***Lindera benzoin*** *(Lička, 12. 4. 2012)*

AGREEMENT ON THE SUPPLY OF LIVING PLANT MATERIAL[1] FOR NON-COMMERCIAL PURPOSES LEAVING THE INTERNATIONAL PLANT EXCHANGE NETWORK

Against the background of the provisions and decisions of the Convention on Biological Diversity of 1992 (CBD) and in particular those on access to genetic resources and benefit-sharing, the garden is dedicated to promoting the conservation, sustainable use, and research of biological diversity. The garden therefore expects its partners in acquiring, maintaining, and transferring plant material to always act in accordance with the CBD and the Convention on the International Trade in Endangered Species (CITES).

The responsibility for legal handling of the plant material passes on to the recipient upon receipt of the material. The requested plant material will be supplied to the recipient only on the following conditions:

1. Based on this agreement, the plant material is supplied only for non-commercial use such as scientific study and educational purposes as well as environmental protection. Should the recipient at a later date intend a commercial use or a transfer for commercial use, the country of origin's prior informed consent (PIC) must be obtained in writing before the material is used or transferred. The recipient is responsible for ensuring an equitable sharing of benefits.
2. On receiving the plant material, the recipient endeavours to document the received plant material, its origin (country of origin, first receiving garden, „donor" of the plant material, year of collection) as well as the acquisition and transfer conditions in a comprehensible manner.
3. In the event that scientific publications are produced based on the supplied plant material, the recipient is obliged to indicate the origin of the material (the supplying garden and if known the country of origin) and to send these publications to the garden and to the country of origin without request.
4. On request, the garden will forward relevant information on the transfer of the plant material to the body charged with implementing the CBD[2].
5. The recipient may transfer the received plant material to third parties only under these terms and conditions and must document the transfer in a suitable manner (e.G. By using the documentation form, such as provided in Annex 1.3).

I accept the above conditions.

Date, signature recipient's name and address, stamp

[1] According to the CBD „genetic resources" means genetic material of actual or potential value. This definition covers both living and not living material. The Code of Conduct and the [PEN covers only the exchange of living plant material (living plants or parts of plants, diaspores) thus falling in the definition of genetic resources.

[2] ideally, the national focal point in the garden's home country

DESIDERATA 2013/2014

ARBORETUM NOVÝ DVŮR *SLEZSKÉ ZEMSKÉ MUZEUM* *746 01 OPAVA* *CZECH REPUBLIC* *E-mail: arboretum@szmo.cz* *Phone: +420553661031*	*Contact Person, Institute & Your Address:* *E-mail:* *Phone:*

In response to the International Convention of Biological Diversity (Rio de Janeiro, 1992), the Nový Dvůr Arboretum supplies the seed collections requested on the condition that:

1. *They used for common good in the areas of research, trailing, breeding, education and the development of public botanic gardens.*
2. *If the recipient seeks to comercialise the genetic material, its products or research derived from it, then permission must be sought from the Nový Dvůr Arboretum. Such commercialization will be subject to a separate agreement.*
3. *The genetic material, its products or research derived from it are not passed to a third party for commercialization without written permission from the Nový Dvůr Arboretum.*

I agree to comply with the conditions above.

Date, Signature: *Stamp:*

Your seed order:

*Please, limit your order to **25 numbers** and return this signed form by **31th August 2014**. Warning: We only distribute seeds after receiving this form, signed and filled in, thank you.*