



SLEZSKÉ ZEMSKÉ MUZEUM



**INDEX SEMINUM
NOVODVORENSIS
54.**

**ARBORETUM NOVÝ DVŮR
SLEZSKÉ ZEMSKÉ MUZEUM
2015/2016**

INDEX SEMINUM NOVODVORENSIS

54.

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**SLEZSKÉ ZEMSKÉ MUZEUM
ARBORETUM NOVÝ DVŮR
746 01 OPAVA
CZECH REPUBLIC**

WEB: www.szm.cz

E-MAIL: arboretum@szm.cz

PHONE: +420 553 661 975

LEADERSHIP:

Mgr. Jana Horáková

Museum Director

EDITORS:

Ing. Šárka Zemková

Head of the Nový Dvůr Arboretum

Ing. Kamila Múcková

Curator

SEED COLLECTORS:

Lenka Konečná

Vlastimila Kořínková

Jitka Janošková

Květoslava Pešková

Vladislava Krahulcová

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 is young plant of **Nymphaea (Nový Dvůr, 2015)*

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.

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



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

worth due to its design and composition. The basic structure of the park Quido Riedel, founder of the Nový Dvůr park exhibition, pictured at his native Bílá Lhota near Litovel (1945) 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 Novodvorenensis* has been dated since 1960.



View of Nový Dvůr manor house from years 1914–1920

**SEEDS AND FRUITS COLLECTED FROM PLANTS
CULTIVATED OUTDOORS IN THE NOVÝ DVŮR
ARBORETUM**

GYMNOSPERMAE

CUPRESSACEAE

1.	<i>Chamaecyparis obtusa</i> (Siebold & Zucc.) Endl.	‘Crippsii’	511/1176
2.	<i>Chamaecyparis lawsoniana</i> (A. Murray bis) Parl.	‘Golden Wonder’	513/1176
3.	<i>Chamaecyparis lawsoniana</i> (A. Murray bis) Parl.	‘Kelleriis Gold’	977/579
4.	<i>Chamaecyparis lawsoniana</i> (A. Murray bis) Parl.	‘Stewartii’	975/579
5.	<i>Chamaecyparis lawsoniana</i> (A. Murray bis) Parl.	‘Glandensa’	3115-91-81
6.	<i>Juniperus communis</i> L.		228/980
7.	<i>Juniperus semiglobosa</i> Regel		87294
8.	<i>Juniperus virginiana</i> L.	‘Hillii’	1346-98-80
9.	<i>Microbiota decussata</i> Komarov		0941-91-10
10.	<i>Thuja occidentalis</i> L.	‘Aurea’	782/279
11.	<i>Thuja occidentalis</i> L.	‘Frieslandia’	2311-98-80
12.	<i>Thuja occidentalis</i> L.	‘Hoseri’	752/274
13.	<i>Thuja occidentalis</i> L.	‘Pendula’	771/274

PINACEAE

14.	<i>Larix kaempferi</i> (Lamb.) Carriere		1448-94-10
15.	<i>Larix laricina</i> (Du Roi) K.Koch		1593
16.	<i>Larix laricina</i> (Du Roi) K.Koch	‘Ontario’	1433
17.	<i>Larix olgensis</i> A. Henry		844/73
18.	<i>Picea abies</i> (L.) H.Karst.	‘Acrocona’	1542-94-80
19.	<i>Picea likiangensis</i> (Franch.) E. Pritz. var. <i>balfouriana</i>		0948-91-81
20.	<i>Pinus attenuata</i> Lemmon		

21.	<i>Tsuga canadensis</i> (L.) Carr.	‘Pendula’	
22.	<i>Tsuga canadensis</i> (L.) Carr.		
23.	<i>Tsuga caroliniana</i> Sarg.		
24.	<i>Tsuga heterophylla</i> (Raf.) Sarg.		0113-91-70

TAXACEAE

25.	<i>Taxus baccata</i> L.	‘Dovastoniana’	409/1081
26.	<i>Taxus canadensis</i> Marshall		21/81
27.	<i>Taxus cuspidata</i> Siebold & Zucc.		322/78
28.	<i>Taxus x media</i> Rehder	‘Sargentii’	616/1183
29.	<i>Taxus x media</i> Rehder	‘Brownii’	417/1081
30.	<i>Taxus x media</i> Rehder	‘Thayerae’	527/1182

ANGIOSPERMAE

ACERACEAE

31.	<i>Acer barbinerve</i> Maxim.		86009
32.	<i>Acer campestre</i> L.	‘Red Shine’	3373-86-80
33.	<i>Acer ginnala</i> Maxim.		1932-92-10
34.	<i>Acer ginnala</i> Maxim.		2242-93-10
35.	<i>Acer japonicum</i> Thunb.	‘Aconitifolium’	1018-97-80
36.	<i>Acer mono</i> Maxim.		1925-93-10
37.	<i>Acer palmatum</i> Thunb.		
38.	<i>Acer palmatum</i> Thunb.	‘Atropurpureum’	
39.	<i>Acer palmatum</i> Thunb.	‘Azuma - murasaki’	1852-93-80
40.	<i>Acer pensylvanicum</i> L.		1875
41.	<i>Acer platanoides</i> L.	‘Faassen’s Black’	
42.	<i>Acer pseudo - sieboldianum</i> (Pax) Komarov		95/77
43.	<i>Acer stachyophyllum</i> Hiern ssp. <i>betulifolium</i> (Maxim.) De Jong		0167-84-80
44.	<i>Acer tataricum</i> L.		2164-94-10

ANACARDIACEAE

45.	<i>Cotinus coggygria</i> Scop.		
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Dendrological exposition from the Arboretum
(Nový Dvůr, 2015)

AQUIFOLIACEAE

- | | | | |
|-----|--|------------|------------|
| 46. | <i>Ilex aquifolium</i> L. | | |
| 47. | <i>Ilex cornuta</i> Lindl. & Paxton | 'Red Robe' | 2502-96-80 |
| 48. | <i>Nemopanthus mucronatus</i> (L.) Loes. | | 1256 |

ARALIACEAE

- | | | | |
|-----|--|--|-------|
| 49. | <i>Acanthopanax henryi</i> (Oliv.) Harms | | |
| 50. | <i>Acanthopanax sieboldianus</i> Makino | | 87108 |

BERBERIDACEAE

- | | | | |
|-----|--------------------------------------|--|------------|
| 51. | <i>Berberis amurensis</i> Rupr. | | 2694-92-10 |
| | var. <i>japonica</i> (Regel) Rehd. | | |
| 52. | <i>Berberis julianae</i> C.K.Schneid | | |



Dendrological exposition from the Arboretum Nový Dvůr (2015)

- | | | | |
|-----|--------------------------------------|---------------------|------------|
| 53. | <i>Berberis thunbergii</i> DC. | | |
| 54. | <i>Berberis thunbergii</i> DC. | 'Atropurpurea Nana' | 0891-91-80 |
| 55. | <i>Berberis thunbergii</i> DC. | 'Atropurpurea' | |
| 56. | <i>Berberis thunbergii</i> DC. | 'Aurea' | 88502 |
| 57. | <i>Berberis thunbergii</i> DC. | 'Kelleriis' | 2211-93-80 |
| 58. | <i>Berberis thunbergii</i> DC. | 'Silver Beauty' | 1337-95-70 |
| 59. | <i>Berberis vulgaris</i> L. | | 0166-92-20 |
| 60. | <i>Mahonia nervosa</i> (Pursh) Nutt. | | 90432 |

BETULACEAE

- | | | | |
|-----|--------------------------------------|--|------------|
| 61. | <i>Alnus inokumae</i> Murai & Kusaka | | 1292-94-10 |
| 62. | <i>Alnus sinuata</i> (Regel) Rydb. | | 0809-91-10 |
| 63. | <i>Betula grossa</i> Siebold & Zucc. | | 0663-91-10 |

**Seeds and fruits collected from plants cultivated outdoors
in the Nový Dvůr Arboretum**

64.	<i>Betula humilis</i> Schrank	2732-95-40
65.	<i>Betula humilis</i> Schrank	81/74
66.	<i>Betula chinensis</i> Maxim.	1690-94-10
67.	<i>Betula lenta</i> L.	90624
68.	<i>Betula litwinowii</i> Doluch.	1295-93-10
69.	<i>Betula ovalifolia</i> Rupr.	0794-91-40
70.	<i>Betula oycoviensis</i> Besser	1501
71.	<i>Betula paishanensis</i> Nakai	0677-91-10
72.	<i>Betula papyrifera</i> Marshall	0346-92-10
73.	<i>Betula platyphylla</i> Sukaczew var. <i>japonica</i> (Miq.) Hara	
74.	<i>Betula pumila</i> L.	0634-91-10
75.	<i>Betula tatewakiana</i> M.Ohki & S.Watan.	0402-06-70

BIGNONIACEAE

76.	<i>Catalpa bignonioides</i> Walter	
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BUXACEAE

77.	<i>Buxus microphylla</i> Siebold & Zucc.	‘National’	2122-96-80
78.	<i>Buxus sempervirens</i> L.	‘Aurea’	0875-94-80
79.	<i>Buxus sempervirens</i> L.	‘Glauca’	2129-95-80
80.	<i>Buxus sempervirens</i> L.	‘Haller’	2444-95-80
81.	<i>Buxus sempervirens</i> L.	‘Hollandia’	2126-95-80
82.	<i>Buxus sempervirens</i> L.	‘Latifolia Maculata’	2142-95-80
83.	<i>Buxus sempervirens</i> L.	‘Henry Schaw’	2141-95-80

CAPRIFOLIACEAE

84.	<i>Kolkwitzia amabilis</i> Graebn.	3222-94-83
85.	<i>Lonicera alpigena</i> L.	0673-93-10
86.	<i>Lonicera alpigena</i> L. var. <i>glehnii</i> (Schmidt) Nakai	0476-94-10
87.	<i>Lonicera subhispidata</i> Nakai	0998
88.	<i>Lonicera x xylosteoides</i> Tausch	0966-93-70
89.	<i>Sambucus racemosa</i> L. f. var. <i>aureocarpa</i> Hara	90525

**Seeds and fruits collected from plants cultivated outdoors
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90.	<i>Symphoricarpos x chenaultii</i> Rehder	0388-95-80	
91.	<i>Viburnum betulifolium</i> Batalin	0286-06-10	
92.	<i>Viburnum burejaeticum</i> Regel	90539	
93.	<i>Viburnum carlesii</i> Hemsl.		
94.	<i>Viburnum cassinoides</i> L.	0497-91-10	
95.	<i>Viburnum dilatatum</i> Thunb.	‘Huron’	
96.	<i>Viburnum farreri</i> Stearn	‘Candidissimum’	1893-94-80
97.	<i>Viburnum lentago</i> L.		1995
98.	<i>Viburnum opulus</i> L. var. <i>calvescens</i> (Rehder) Hara		1259-96-10
99.	<i>Viburnum plicatum</i> Thunb.	‘Watanabe’	2051-92-83
100.	<i>Viburnum rhytidophyllum</i> Hemsl.		0428-99-80
101.	<i>Viburnum rhytidophyllum</i> Hemsl.		
102.	<i>Viburnum wrightii</i> Miq.		1377-93-40

CELASTRACEAE

103.	<i>Celastrus orbiculatus</i> Thunb.		
104.	<i>Euonymus alatus</i> (Thunb.) Siebold		0540-14-80
105.	<i>Euonymus europaeus</i> L. var. <i>angustifolius</i> K.F.Schulz		390/80
106.	<i>Euonymus maackii</i> Rupr.		0619-06-10
107.	<i>Euonymus phellomanus</i> Loes. ex Diels		
108.	<i>Euonymus planipes</i> (Koehne) Koehne		509/78
109.	<i>Euonymus sieboldianus</i> Blume		1516-94-40

CERCIDIPHYLLACEAE

110.	<i>Cercidiphyllum japonicum</i> Siebold & Zucc.		
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CORNACEAE

111.	<i>Cornus amomum</i> L.	84448
112.	<i>Cornus florida</i> L.	
113.	<i>Cornus kousa</i> Bürger ex Miq. var. <i>kousa</i>	



Cornus kousa (Bürger) Hance (Nový Dvůr, 2015)



Kalmia latifolia L. (Nový Dvůr, 2015)

- | | | |
|--|-------------|------------|
| 114. <i>Cornus mas</i> L. | 'Variegata' | 2511-93-80 |
| 115. <i>Cornus officinalis</i> Siebold & Zucc. | | 0706-03-70 |

CORYLACEAE

- | | | |
|---|--|------------|
| 116. <i>Carpinus caroliniana</i> Walter | | 1271-93-10 |
| 117. <i>Carpinus coreana</i> Nakai | | 1693-94-10 |
| 118. <i>Corylus americana</i> Marsh. | | 1365-92-10 |

ERICACEAE

- | | | |
|--|--------------|------------|
| 119. <i>Gaultheria miqueliana</i> Takeda | | |
| 120. <i>Gaultheria shallon</i> Pursh | | 89055 |
| 121. <i>Gaylussacia baccata</i> K. Koch | | 85010 |
| 122. <i>Kalmia angustifolia</i> L. | | |
| 123. <i>Kalmia polifolia</i> Wangenh. | | 87553 |
| 124. <i>Lyonia mariana</i> D. Don | | 85018 |
| 125. <i>Pieris japonica</i> (Thunb.)
D. Don ex G. Don | 'Cavatine' | 87388 |
| 126. <i>Pieris taiwanensis</i> Hayata | | 87557 |
| 127. <i>Vaccinium caespitosum</i> Michx. | | 0275-94-10 |
| 128. <i>Vaccinium corymbosum</i> L. | 'Burlington' | 2780-94-80 |
| 129. <i>Vaccinium myrtilloides</i> Michx. | | 0928-93-10 |
| 130. <i>Vaccinium myrtilloides</i> Michx. | | 1034-92-50 |

FABACEAE

- | | | |
|--|-----------|------------|
| 131. <i>Amorpha fruticosa</i> L. | | 0299-84-10 |
| 132. <i>Caragana arborescens</i> Lam. | 'Pendula' | 2213-93-80 |
| 133. <i>Caragana mandshurica</i> Kom. | | 0855-91-40 |
| 134. <i>Laburnocytisus adamii</i> (Poit.) Schneid. | | 2202-96-80 |
| 135. <i>Laburnocytisus adamii</i> (Poit.) Schneid. | | 1871-94-80 |
| 136. <i>Maackia amurensis</i> Rupr. & Maxim. | | |

FAGACEAE

- | | | |
|--|-------------|------------|
| 137. <i>Quercus petraea</i>
(Mattuschka) Liebl. | 'Pungens' | 2216-96-80 |
| 138. <i>Quercus robur</i> L. | 'Pectinata' | 2651-83-80 |



Blossom of *Fothergilla major* (Sims)
Lodd. (Nový Dvůr, 2015)



Blossom of *Magnolia x soulangeana* Soul.-
Bod. ex Thunb. (Nový Dvůr, 2015)

GROSSULARIACEAE

139. *Ribes glaciale* Wall. 2550-93-70
140. *Ribes petraeum* Wulfen 1790

HAMAMELIDACEAE

141. *Fothergilla major* L. 18
142. *Hamamelis mollis* Oliv.
143. *Hamamelis vernalis* Sarg. 'Lombart's Weeping'
144. *Hamamelis vernalis* Sarg. 0201-00-70
145. *Hamamelis virginiana* L.
146. *Hamamelis virginiana* L. 0490-93-10
147. *Hamamelis virginiana* L. 906 D
148. *Hamamelis x intermedia* Rehder 'Feuerzauber' 46/82
149. *Hamamelis x intermedia* Rehder 'Jelena' 0712-95-80
150. *Hamamelis x intermedia* Rehder 'Diana' 0710-95-80
151. *Hamamelis x intermedia* Rehder 'Orange Beauty'
152. *Hamamelis x intermedia* Rehder 'Ruby Glow' 18/12

153. *Parrotiopsis jacquemontiana* 84720
(Decne.) Rehder

HIPPOCASTANACEAE

154. *Aesculus parviflora* Walter

HYDRANGEACEAE

155. *Deutzia maximovicziana* Makino 2255
156. *Hydrangea arborescens* L. 1545-96-10
157. *Philadelphus x virginalis* Rehder 'Enchantment' 3124-96-80
158. *Philadelphus microphyllus* A. Gray 124/81

HYPERICACEAE

159. *Hypericum calycinum* L. 'Gold Penny' 0695-98-70

JUGLANDACEAE

160. *Juglans nigra* L. 2237-92-50

LARDIZABALACEAE

161. *Sinofranchetia sinensis* 87168
(Franch.) Hemsl.

MAGNOLIACEAE

162. *Magnolia x loebneri* Kache 'Leonard Messel' 3121-96-80
163. *Magnolia x soulangeana* 'Alba Superba' 3122-96-80
Soul. - Bod. ex Thunb.
164. *Magnolia x soulangeana*
Soul. - Bod. ex Thunb.

MORACEAE

165. *Broussonetia papyrifera* (L.) Vent.
166. *Morus rubra* L. 1540-92-10

OLEACEAE

167. *Ligustrum tschonoskii* Decne. 1385-93-40

**Seeds and fruits collected from plants cultivated outdoors
in the Nový Dvůr Arboretum**

168. <i>Syringa debelderi</i> Clark et Fiala	90400
169. <i>Syringa patula</i> (Palib.) Nakai	0401-90-10
170. <i>Syringa x chinensis</i> Willd. var. <i>pekinensis</i>	

PAEONIACEAE

171. <i>Paeonia delavayi</i> Franch.	88337
172. <i>Paeonia suffruticosa</i> Andrews 'Souvenir de Ducher'	

RHAMNACEAE

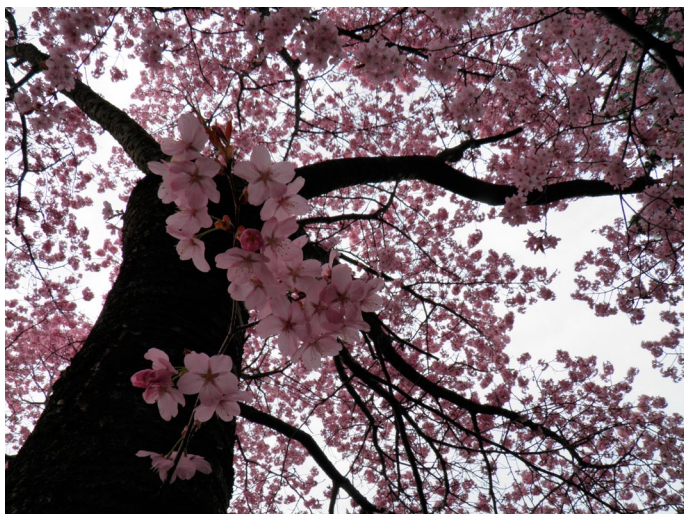
173. <i>Rhamnus davurica</i> Pall.	1236-95-10
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ROSACEAE

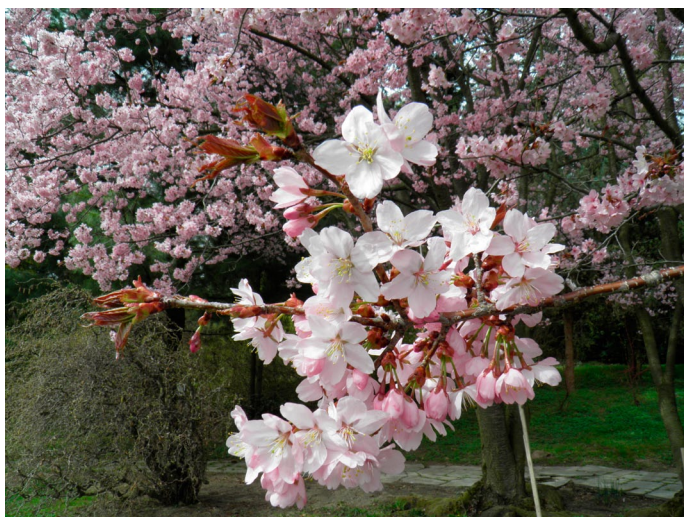
174. <i>Amelanchier alnifolia</i> (Nutt.) Nutt. ex M. Roem. var. <i>cusickii</i> (Fernald) C.L.Hitchc.	205
175. <i>Amelanchier bartramiana</i> (Tausch) M. Roem.	139/80
176. <i>Amelanchier bartramiana</i> (Tausch) M. Roem.	1580
177. <i>Amelanchier humilis</i> Wiegand	138/80
178. <i>Amelanchier humilis</i> Wiegand	137/80
179. <i>Amelanchier laevis</i> Wieg.	684/80
180. <i>Amelanchier laevis</i> Wieg. 'Ballerina'	3388-96-80
181. <i>Amelanchier ovalis</i> Medik.	0179-92-10
182. <i>Amygdalus nana</i> L.	90099
183. <i>Aronia arbutifolia</i> (L.) Pers.	85079
184. <i>Aronia melanocarpa</i> (Michx.) Elliott 'Hugin'	0509-14-80
185. <i>Aronia prunifolia</i> (Marshall) Rehder	1385
186. <i>Cerasus serrulata</i> Lindl.	479/77
187. <i>Cotoneaster aff. kolaiensis</i>	0952-97-40
188. <i>Cotoneaster aff. splendens</i>	2106-94-40
189. <i>Cotoneaster boisianus</i> G. Klotz	
190. <i>Cotoneaster bradyi</i> E. C. Nelson & J. Fryer	0543-96-40

**Seeds and fruits collected from plants cultivated outdoors
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191. <i>Cotoneaster cochleatus</i> (Franch.) G.Klotz	0344-97-70
192. <i>Cotoneaster dammeri</i> 'Jürgl' C.K.Schneid.	
193. <i>Cotoneaster glomerulatus</i> W. W. Sm.	0346-97-70
194. <i>Cotoneaster horizontalis</i> Decne.	1641-97-10
195. <i>Cotoneaster kullensis</i> B. Hylmö	2388-96-40
196. <i>Cotoneaster multiflorus</i> Bunge	
197. <i>Cotoneaster roseus</i> Edgew.	
198. <i>Cotoneaster sikangensis</i> Flinck & B.Hylmö	1164-92-40
199. <i>Cotoneaster splendens</i> Flinck & B.Hylmö	2105-94-40
200. <i>Cotoneaster villosulus</i> (Rehder & E.H.Wilson) Flinck & B.Hylmö	0943-96-70
201. <i>Cotoneaster zabelii</i> C.K.Schneid.	2109-94-40
202. <i>Crataegus calpodendron</i> (Ehrh.) Medik.	17/75
203. <i>Crataegus maximowiczii</i> C.K.Schneid	1238-95-10
204. <i>Crataegus monogyna</i> Jacq. 'Compacta'	0216-95-80
205. <i>Crataegus monogyna</i> Jacq. 'Stricta'	0512-14-80
206. <i>Crataegus pedicellata</i> Sarg.	89236
207. <i>Crataegus pedicellata</i> Sarg.	1279-93-10
208. <i>Exochorda racemosa</i> (Lindl.) Rehder	
209. <i>Holodiscus dumosus</i> (Nutt.) Heller	
210. <i>Chaenomeles japonica</i> (Thunb.) Lindl.	0600-06-70
211. <i>Chaenomeles speciosa</i> (Sweet) Nakai 'Brilliant'	3118-96-80
212. <i>Chaenomeles speciosa</i> (Sweet) Nakai 'Moel Rose'	1353-96-80



Rose-coloured blossom of *Prunus sargentii* Rehder
(Nový Dvůr, 2015)



Rose-coloured blossom of *Prunus sargentii* Rehder
(Nový Dvůr, 2015)

213. <i>Chaenomeles x superba</i> (Frahm) Rehder	‘Crimson And Gold’	3251-96-80
214. <i>Chaenomeles x superba</i> (Frahm) Rehder	‘Fire Dance’	
215. <i>Laurocerasus officinalis</i> Roem.	‘Mischeana’	2505-96-80
216. <i>Laurocerasus officinalis</i> Roem.	‘Schipkaensis Macrophylla’	2507-96-80
217. <i>Laurocerasus officinalis</i> Roem.	‘Reynvaanii’	2504-96-80
218. <i>Laurocerasus officinalis</i> Roem.	‘Schipkaensis Holland’	2508-96-80
219. <i>Malus baccata</i> (L.) Borkh.		1359-99-10
220. <i>Malus baccata</i> var. <i>mandshurica</i> (Maxim.) C. K. Schneid.		86076
221. <i>Malus domestica</i> Borkh.	‘Jadernička valašská’	
222. <i>Malus fusca</i> (Raf.) C.K.Schneid.		1989-92-10
223. <i>Malus pallasiana</i> Juz.		87311
224. <i>Malus sargentii</i> Rehder	‘Tina’	85267
225. <i>Malus sieboldii</i> (Regel) Rehder		1947-93-10
226. <i>Malus sieboldii</i> (Regel) Rehder		1681-94-10
227. <i>Malus sieboldii</i> (Regel) Rehder		0754-00-80
228. <i>Malus toringo</i> (Siebold) de Vriese		0527-98-10
229. <i>Malus transitoria</i> (Batalin) C. K. Schneid		0507-14-80
230. <i>Malus x adstringens</i> Zabel	‘Hopa’	3095-92-80
231. <i>Malus x hybrida</i>	‘Pom - Zai’	0597-08-70
232. <i>Malus x hybrida</i>	‘Royalty’	0754-00-80
233. <i>Malus x moerlandsii</i> Door.	‘Profusion’	3097-92-80
234. <i>Malus x platycarpa</i> Rehder	‘Pom - Zai’	0511-14-80
235. <i>Malus x purpurea</i> (Barbier) Rehder	‘Szafer’	2029-97-80
236. <i>Malus x zumi</i> (Matsum.) Rehder		3102-92-80
237. <i>Mespilus germanica</i> L.		
238. <i>Oemleria cerasiformis</i> Torr. & A.Gray		87150
239. <i>Padus maackii</i> (Rupr.) Komarov		1560-95-70
240. <i>Photinia villosa</i> (Thunb.) DC.		639 CH
241. <i>Physocarpus opulifolius</i> (L.) Maxim.		1373-92-10

**Seeds and fruits collected from plants cultivated outdoors
in the Nový Dvůr Arboretum**

242. <i>Prunus cerasifera</i> Ehrh.	‘Atropurpurea’	
243. <i>Prunus cerasifera</i> Ehrh. var. <i>divaricata</i> (Ledeb.) Bailey		
244. <i>Prunus speciosa</i> (Koidz.) Ingram		1319-94-50
245. <i>Prunus ssiori</i> F. Schmidt		1388-93-40
246. <i>Prunus ssiori</i> F. Schmidt		1518-92-10
247. <i>Prunus virginiana</i> L.	‘Schubert’	3446-96-80
248. <i>Prunus virginiana</i> L. ssp. <i>virginiana</i>		0535-92-10
249. <i>Pyracantha hybrida</i>	‘Soleil d’Or’	2792-92-80
250. <i>Pyrus salicifolia</i> Pall.		
251. <i>Rhodotypos scandens</i> (Thunb.) Makino		62/83
252. <i>Rosa acicularis</i> Lindl.		0612-92-10
253. <i>Rosa majalis</i> Herrm.		0558-93-10
254. <i>Rosa rubiginosa</i> L.		0548-92-10
255. <i>Rosa rugosa</i> Thunb.		0174-89-10
256. <i>Rosa villosa</i> L.	‘Karpattia’	0295-89-70
257. <i>Rosa villosa</i> L.		
258. <i>Rosa woodsii</i> Lindl.		0816-93-10
259. <i>Sorbaria sorbifolia</i> (L.) A. Braun		0479-95-10
260. <i>Sorbus</i>	‘Tundra’	1501-99-70
261. <i>Sorbus</i> aff. <i>koehneana</i>		71/82
262. <i>Sorbus</i> aff. <i>koehneana</i>		2117-94-40
263. <i>Sorbus americana</i> Marshall ssp. <i>japonica</i>		2036-94-10
264. <i>Sorbus austriaca</i> (Beck.) Hedl.		0619-93-10
265. <i>Sorbus cashmiriana</i> Hedl.		0716-92-40
266. <i>Sorbus discolor</i> Maxim.		2295-94-80
267. <i>Sorbus chamaemespilus</i> Crantz		88220
268. <i>Sorbus sambucifolia</i> (Cham. & Schltldl.) Roem.		0839-91-10
269. <i>Sorbus subsimilis</i> Hedl.		1287-93-10
270. <i>Sorbus torminalis</i> (L.) Crantz		0427-93-10
271. <i>Sorbus x arnoldiana</i> Rehder	‘White Swan’	0510-14-80

**Seeds and fruits collected from plants cultivated outdoors
in the Nový Dvůr Arboretum**

272. <i>Spiraea chamaedryfolia</i> L.		1243-95-10
273. <i>Spiraea japonica</i> L. f.	‘Golden Princess’	1815-94-80
274. <i>Spiraea japonica</i> L. f.	‘Atrosanguinea’	1819-94-80
275. <i>Spiraea japonica</i> L. f.	‘Gold Flame’	88385
276. <i>Spiraea japonica</i> L. f.	‘Ruberrima’	1820-94-80
277. <i>Spiraea x billardii</i> Hérincq.	‘Triumphans’	1838-94-80
278. <i>Spiraea x notha</i> Zabel		1827-94-80

RUBIACEAE

279. <i>Cephalanthus occidentalis</i> L.		0115-92-10
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RUTACEAE

280. <i>Zanthoxylum schinifolium</i> S. et Z.		86261
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STAPHYLEACEAE

281. <i>Staphylea colchica</i> Steven		1249-93-70
var. <i>coulombieri</i>		
282. <i>Staphylea colchica</i> Steven		
283. <i>Staphylea pinnata</i> L.		0530-91-10

STYRACACEAE

284. <i>Styrax japonica</i> Siebold & Zucc.	‘Beni - Bana’	0243-99-70
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THEACEAE

285. <i>Stewartia pseudocamellia</i> Maxim.		
var. <i>pseudocamellia</i>		

TILIACEAE

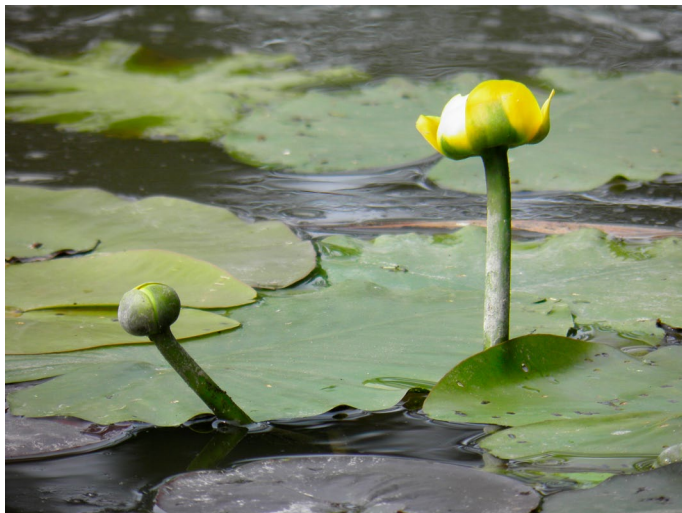
286. <i>Tilia platyphyllos</i> Scop.	‘Rubra’	621/80
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ULMACEAE

287. <i>Hemiptelea davidii</i> (Hance) Planch.		0211-85-10
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„Nature is a mighty witch“, blossom of rhododendron
(Nový Dvůr, 2011)



Blossom of water-plant *Nuphar lutea* (L.) Smith (Nový Dvůr, 2015)

AGREEMENT ON THE SUPPLY OF LIVING PLANT MATERIAL¹ 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 CBD².
 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

¹According 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 IPEN 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 2015/2016

ARBORETUM NOVÝ DVŮR SLEZSKÉ ZEMSKÉ MUZEUM 764 01 OPAVA CZECH REPUBLIC	Contact Person, Institute & Your Address:
E-mail: arboretum@szm.cz Phone: + 420 553 661 975	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 commercialise 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:

Yout seed order:

Please, limit your order to **25 numbers** and return this signed form by **31th August 2016**. Warning: We only distribute seeds after receiving this form, signed and filled in, thank you.



Blossom of *Poncirus trifoliata* (L.) Raf.
(Nový Dvůr, 2015)



Blossom of *Hepatica nobilis* Schreb.
(Nový Dvůr, 2015)



Blue blossom of *Myosotis arvensis* (L.) Hill
(Nový Dvůr, 2015)



Blossom on a multiannual wood *Cercis siliquastrum* L.
(Nový Dvůr, 2015)



Fetus of *Castanea sativa* Mill. (Nový Dvůr, 2015)

