



SLEZSKÉ ZEMSKÉ MUZEUM



**INDEX SEMINUM
NOVODVORENSIS
55.**

**ARBORETUM NOVÝ DVŮR
SLEZSKÉ ZEMSKÉ MUZEUM
2016/2017**

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55.**

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ARBORETUM NOVÝ DVŮR



**SLEZSKÉ ZEMSKÉ MUZEUM
ARBORETUM NOVÝ DVŮR
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CZECH REPUBLIC**

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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

*) In the picture of an introductory page is shown a branch of *Cunninghamia lanceolata* (Lamb.) Hook from Arboretum Nový Dvůr. (January 2017)

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 Quido Riedel, founder of the Nový Dvůr park exhibition, pictured at his native Bílá Lhota near Litovel (1945)⁵ 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 lawsoniana</i> (A. Murray bis) Parl.	‘Golden Wonder’	513/1176
2.	<i>Chamaecyparis lawsoniana</i> (A. Murray bis) Parl.	‘Kelleriis Gold’	977/579
3.	<i>Chamaecyparis lawsoniana</i> (A. Murray bis) Parl.	‘Variegata’	504/1176
4.	<i>Chamaecyparis lawsoniana</i> (A. Murray bis) Parl.		
5.	<i>Chamaecyparis lawsoniana</i> (A. Murray bis) Parl.	‘Rogersii’	741/1277
6.	<i>Chamaecyparis obtusa</i> (Siebold & Zucc.) Endl.	‘Lutea Nova’	108/175
7.	<i>Juniperus communis</i> L.		228/980
8.	<i>Juniperus x media</i> Melle	‘Blue and Gold’	2244-98-80
9.	<i>Microbiota decussata</i> Komarov		
10.	<i>Thuja occidentalis</i> L.	‘Aurea’	782/274
11.	<i>Thuja occidentalis</i> L.	‘Hoseri’	752/274
12.	<i>Thuja occidentalis</i> L.	‘Pendula’	771/274
13.	<i>Thuja occidentalis</i> L.	‘Smaragd’	626/677

PINACEA

14.	<i>Larix laricina</i> (Du Roi) K.Koch		1433
15.	<i>Picea abies</i> (L.) H.Karst.	‘Acrocona’	1542-94-80
16.	<i>Picea likiangensis</i> (Franch.) E. Pritz. var. <i>balfouriana</i>		0948-91-83
17.	<i>Pinus attenuata</i> Lemmon		
18.	<i>Tsuga canadensis</i> (L.) Carr.		
19.	<i>Tsuga caroliniana</i> Sarg.		
20.	<i>Tsuga heterophylla</i> (Raf.) Sarg.		0113-91-70

TAXACEAE

21.	<i>Taxus baccata</i> L.		0679-93-10
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**Seeds and fruits collected from plants cultivated outdoors
in the Nový Dvůr Arboretum**

22.	<i>Taxus canadensis</i> Marshall		25/81
23.	<i>Taxus cuspidata</i> Siebold & Zucc.		322/79
24.	<i>Taxus cuspidata</i> Siebold & Zucc. var. <i>luteobaccata</i>		89036
25.	<i>Taxus x media</i> Rehder	‘Brownii’	417/1081
26.	<i>Taxus x media</i> Rehder	‘Sargentii’	616/1183
27.	<i>Taxus x media</i> Rehder	‘Thayerae’	527/1182
28.	<i>Taxus x media</i> Rehder		413/1081

TAXODIACEAE

29.	<i>Cryptomeria japonica</i> D.Don		1201-96-10
30.	<i>Cryptomeria japonica</i> D.Don		90292

ANGIOSPERMAE

ACERACEAE

31.	<i>Acer ginnala</i> Maxim.		2242-93-10
32.	<i>Acer ginnala</i> Maxim.		1932-92-10
33.	<i>Acer japonicum</i> Thunb.	‘Aconitifolium’	1018-97-80
34.	<i>Acer macrophyllum</i> Pursh		18 J
35.	<i>Acer mono</i> Maxim.		1925-93-10
36.	<i>Acer opalus</i> var. <i>tomentosum</i> (Tausch) Rehder		
37.	<i>Acer palmatum</i> Thunb.	‘Atropurpureum’	
38.	<i>Acer palmatum</i> Thunb.	‘Azuma - murasaki’	1852-93-80
39.	<i>Acer platanoides</i> L.	‘Cucullatum’	2254-96-80
40.	<i>Acer pseudo - sieboldianum</i> (Pax) Komarov		376/80
41.	<i>Acer tataricum</i> L.		2164-94-10

ANACARDIACEAE

42.	<i>Cotinus coggygria</i> Scop.		
43.	<i>Cotinus coggygria</i> Scop.	‘Royal Spirit’	1276-05-80

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



View of historical building – The founder's residence in Arboretum Nový Dvůr (January 2017)

AQUIFOLIACEAE

- | | | | |
|-----|----------------------------------|-----------------|------------|
| 44. | <i>Ilex aquifolium</i> L. | | |
| 45. | <i>Ilex x aquipernyi</i> Gable | | 88192 |
| 46. | <i>Ilex x meserveae</i> S. Y. Hu | 'Blue Eagle' | 2450-95-80 |
| 47. | <i>Ilex x meserveae</i> S. Y. Hu | 'Blue Stallion' | 2453-95-80 |

ARALIACEAE

- | | | | |
|-----|--|--|------------|
| 48. | <i>Acanthopanax sieboldianus</i> Makino | | 0108-87-10 |
| 49. | <i>Acanthopanax setchuenensis</i> Harms | | 1339-96-10 |
| 50. | <i>Acanthopanax henryi</i> (Oliv.) Harms | | |

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



Detail of branch of *Cryptomeria japonica* D. Don
from the Arboretum Nový Dvůr (2016)

BERBERIDACEAE

- | | | |
|-----|--------------------------------------|----------------|
| 51. | <i>Berberis thunbergii</i> DC. | |
| 52. | <i>Berberis thunbergii</i> DC. | 'Atropurpurea' |
| 53. | <i>Berberis vulgaris</i> L. | 0166-92-10 |
| 54. | <i>Mahonia nervosa</i> (Pursh) Nutt. | 90432 |

BETULACEAE

- | | | |
|-----|---------------------------------------|------------|
| 55. | <i>Alnus cordata</i> (Loisel.) Desf. | 2154-93-40 |
| 56. | <i>Alnus hirsuta</i> (Spach) Rupr. | 1438-94-10 |
| 57. | <i>Alnus japonica</i> (Thunb.) Steud. | 2100-92-10 |
| 58. | <i>Betula alleghaniensis</i> Britton | 1738-92-10 |
| 59. | <i>Betula concinna</i> Gunnarsson | 1734-92-10 |

**Seeds and fruits collected from plants cultivated outdoors
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60.	<i>Betula humilis</i> Schrank		81/74
61.	<i>Betula chinensis</i> Maxim.		0507-91-10
62.	<i>Betula litwinowii</i> Doluch.		1295-93-10
63.	<i>Betula ovalifolia</i> Rupr.		0794-91-40
64.	<i>Betula paishanensis</i> Nakai		0677-91-10
65.	<i>Betula platyphylla</i> Sukaczew var. <i>japonica</i> (Miq.) Hara		
66.	<i>Betula pubescens</i> Ehrh.		1735-92-10
67.	<i>Betula pubescens</i> Ehrh. ssp. <i>carpatica</i>		0549-91-10
68.	<i>Betula x aurata</i> Borkh.		660/80
69.	<i>Carpinus japonica</i> Blume		0352-12-80

BUXACEAE

70.	<i>Buxus sempervirens</i> L.	‘Fleur De Lys’	2127-95-80
71.	<i>Buxus microphylla</i> Siebold & Zucc. var. <i>koreana</i> Nakai		3221-94-80
72.	<i>Buxus sempervirens</i> L.	‘Morris Fastigiata’	2120-95-80
73.	<i>Buxus microphylla</i> Siebold & Zucc.	‘National’	2122-95-80

CAPRIFOLIACEAE

74.	<i>Kolkwitzia amabilis</i> Graebn.		3222-94-83
75.	<i>Lonicera alpigena</i> L.		0673-93-10
76.	<i>Lonicera alpigena</i> L. var. <i>glehnii</i> (Schmidt) Nakai		0476-94-10
77.	<i>Lonicera ruprechtiana</i> Regel		1386-94-40
78.	<i>Lonicera subhispidata</i> Nakai		0998-93-70
79.	<i>Lonicera x xylosteoides</i> Tausch		0966-93-70
80.	<i>Lonicera x xylosteum</i> L.		2294-92-10
81.	<i>Sambucus racemosa</i> L. var. <i>aureocarpa</i> Hara		90525
82.	<i>Symphoricarpos albus</i> (L.) S. F. Blake	‘White Hedge’	3133-96-80
83.	<i>Symphoricarpos x chenaultii</i> Rehder		0388-95-80

**Seeds and fruits collected from plants cultivated outdoors
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84.	<i>Viburnum burejaeticum</i> Regel	87368
85.	<i>Viburnum carlesii</i> Hemsl.	
86.	<i>Viburnum cassinoides</i> L.	0497-91-10
87.	<i>Viburnum lentago</i> L.	1995
88.	<i>Viburnum sargentii</i> Koehne	1476-93-10
89.	<i>Viburnum sargentii</i> Koehne f. <i>puberulum</i> Komarov	2215-94-10
90.	<i>Viburnum wrightii</i> Miq.	1377-93-40

CELASTRACEAE

91.	<i>Euonymus alatus</i> (Thunb.) Siebold	0540-14-80
92.	<i>Euonymus europaeus</i> L. var. <i>angustifolius</i> K.F.Schulz	390/80
93.	<i>Euonymus phellomanus</i> Loes. ex Diels	
94.	<i>Euonymus planipes</i> (Koehne) Koehne	509/78
95.	<i>Euonymus planipes</i> (Koehne) Koehne	0541-14-80

CORNACEAE

96.	<i>Cornus alba</i> L. 'Gouchaltii'	2257-98-80
97.	<i>Cornus amomum</i> L.	84448
98.	<i>Cornus mas</i> L.	1858-93-10
99.	<i>Cornus sanguinea</i> (L.) Opiz	1331

CORYLACEAE

100.	<i>Ostrya virginiana</i> K.Koch	85219
101.	<i>Ostrya virginiana</i> K.Koch	90642

EBENACEAE

102.	<i>Diospyros virginiana</i> L.	
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EPHEDRACEAE

103.	<i>Ephedra equisetina</i> Bunge	798
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**Seeds and fruits collected from plants cultivated outdoors
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Pink blossoms of *Erica carnea* L. from Arboretum Nový Dvůr (March 2016)

**Seeds and fruits collected from plants cultivated outdoors
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ERICACEAE

- | | | |
|---|--|-------|
| 104. <i>Gaultheria miqueliana</i> Takeda | | |
| 105. <i>Lyonia mariana</i> D. Don | | 85018 |
| 106. <i>Oxycoccus macrocarpus</i> (Aiton) Pers. | | |
| 107. <i>Pieris japonica</i> (Thunb.) D. Don ex G. Don | | |
| 108. <i>Vaccinium caespitosum</i> Michx. | | |

FABACEAE

- | | | |
|---|-----------|------------|
| 109. <i>Caragana arborescens</i> Lam. | ‘Pendula’ | 2213-93-80 |
| 110. <i>Caragana arborescens</i> Lam. | ‘Pendula’ | 2265-98-80 |
| 111. <i>Caragana mandshurica</i> Kom. | | 0855-91-40 |
| 112. <i>Cladrastis lutea</i> (F.Michx.) K.Koch | | 0632-95-70 |
| 113. <i>Laburnocytisus adamii</i>
(Poit.) Schneid. | | 1871-94-80 |
| 114. <i>Laburnocytisus adamii</i>
(Poit.) Schneid. | | 2202-96-80 |

FAGACEAE

- | | | |
|--|-----------|------------|
| 115. <i>Quercus petraea</i>
(Mattuschka) Liebl. | ‘Pungens’ | 2216-96-80 |
| 116. <i>Quercus velutina</i> Lam. | | 2716-93-74 |

GROSSULARIACEAE

- | | | |
|-----------------------------------|--|------|
| 117. <i>Ribes petraeum</i> Wulfen | | 1790 |
|-----------------------------------|--|------|

HAMAMELIDACEAE

- | | | |
|---|---------------------|------------|
| 118. <i>Hamamelis mollis</i> Oliv. | | |
| 119. <i>Hamamelis vernalis</i> Sarg. | ‘Lombart’s Weeping’ | |
| 120. <i>Hamamelis virginiana</i> L. | | |
| 121. <i>Hamamelis virginiana</i> L. | | |
| 122. <i>Hamamelis virginiana</i> L. | | 0244-04-10 |
| 123. <i>Hamamelis x intermedia</i> Rehder | ‘Diane’ | 0710-95-80 |
| 124. <i>Hamamelis x intermedia</i> Rehder | ‘Diane’ | 0466-14-80 |
| 125. <i>Hamamelis x intermedia</i> Rehder | ‘Feuerzauber’ | 46/82 |

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



Detail of branch of *Cunninghamia lanceolata* (Lamb.) Hook from Arboretum Nový Dvůr (January 2017)

- | | | |
|---|-----------------|--------|
| 126. <i>Hamamelis x intermedia</i> Rehder | ‘Orange Beauty’ | 516/78 |
| 127. <i>Hamamelis x intermedia</i> Rehder | ‘Ruby Glow’ | |

HYDRANGEACEAE

- | | | |
|--|----------------|------------|
| 128. <i>Deutzia glauca</i> Cheng | | 84179 |
| 129. <i>Hydrangea paniculata</i> Siebold | ‘Kyushu’ | 1423-99-80 |
| 130. <i>Hydrangea paniculata</i> Siebold | ‘Pink Diamond’ | 0515-96-70 |
| 131. <i>Hydrangea petiolaris</i> Siebold & Zucc. | | |
| 132. <i>Philadelphus microphyllus</i> A. Gray | | 124/81 |

HYPERICACEAE

- | | | |
|------------------------------------|--------------|------------|
| 133. <i>Hypericum calycinum</i> L. | ‘Gold Penny’ | 0695-98-70 |
|------------------------------------|--------------|------------|

**Seeds and fruits collected from plants cultivated outdoors
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JUGLANDACEAE

134. *Pterocarya stenoptera* C.DC. 0431-99-80

LAMIACEAE

135. *Callicarpa japonica* Thunb.

LARDIZABALACEAE

136. *Decaisnea fargesii* Franch.

137. *Sinofranchetia sinensis* (Franch.) Hemsl. 87167

MAGNOLIACEAE

138. *Magnolia grandiflora* L.

139. *Magnolia virginiana* L. 1393

140. *Magnolia x soulangeana*
Soul. - Bod. ex Thunb.

MORACEAE

141. *Broussonetia papyrifera* (L.) Vent.

OLEACEAE

142. *Ligustrum obtusifolium* 1316-94-50
Siebold & Zucc.

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

144. *Syringa amurensis* Rupr. 1235-95-10

145. *Syringa debelderi* Clark et Fiala 90400

146. *Syringa josikaea* J.F.Jacq. 0526-14-80

147. *Syringa patula* (Palib.) Nakai 0438-91-70

148. *Syringa patula* (Palib.) Nakai 90401

149. *Syringa tigerstedtii* Harry Sm. 0463-96-40

150. *Syringa x prestoniae* Mc Kelvey 'James Macfarlane' 0528-14-80

PAEONIACEAE

151. *Paeonia delavayi* Franch. 88337

**Seeds and fruits collected from plants cultivated outdoors
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RHAMNACEAE

152. *Rhamnus citrifolius* (Weston) 1139-92-40
W.J.Hess & Stearn

ROSACEAE

153. *Amelanchier bartramiana* 139/80
(Tausch) M. Roem.
154. *Amelanchier cusickii* Fernald 207
155. *Amelanchier humilis* Wiegand 138/80
156. *Amelanchier laevis* Wieg. 684/80
157. *Amelanchier laevis* Wieg. 'Ballerina' 3388-96-80
158. *Amelanchier ovalis* Medik. 0179-92-10
159. *Amygdalus nana* L. 90100
160. *Aronia arbutifolia* (L.) Pers. 85079
161. *Aronia melanocarpa* 'Hugin' 0509-14-80
(Michx.) Elliott
162. *Aronia melanocarpa* (Michx.) Elliott 150/78
163. *Aronia prunifolia* (Marshall) Rehder 1385
164. *Cotoneaster aff. kolaiensis* 0952-97-40
165. *Cotoneaster bradyi* 0543-96-40
E. C. Nelson & J. Fryer
166. *Cotoneaster canescens* 3091-91-10
Vesterg. Ex B. Hylmö
167. *Cotoneaster glomerulatus* W. W. Sm. 0346-97-70
168. *Cotoneaster multiflorus* Bunge
169. *Cotoneaster ottoschwarzii* G.Klotz 0886-95-70
170. *Cotoneaster roseus* Edgew.
171. *Cotoneaster zabelii* C.K.Schneid.
172. *Crataegus calpodendron* 17/75
(Ehrh.) Medik.
173. *Crataegus calycina* Peterm. 0541-94-10
174. *Crataegus monogyna* Jacq. 'Stricta' 0512-14-80
175. *Crataegus monogyna* Jacq. 'Inermis Compacta' 0216-95-80
176. *Crataegus pedicellata* Sarg. 89236

**Seeds and fruits collected from plants cultivated outdoors
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177. <i>Cydonia oblonga</i> Mill.		
178. <i>Exochorda racemosa</i> (Lindl.) Rehder		
179. <i>Holodiscus discolor</i> var. <i>dumosus</i> (Nutt.) Maxim.		
180. <i>Chaenomeles japonica</i> (Thunb.) Lindl.		0600-06-70
181. <i>Chaenomeles x superba</i> (Frahm) Rehder	‘Fire Dance’	
182. <i>Laurocerasus officinalis</i> Roem.	‘Mischeana’	2505-96-80
183. <i>Laurocerasus officinalis</i> Roem.	‘Schipkaensis Macrophylla’	2507-96-80
184. <i>Laurocerasus officinalis</i> Roem.	‘Schipkaensis Holland’	2508-96-80
185. <i>Malus</i>	‘Makamik’	3103-92-80
186. <i>Malus</i>	‘Zelagowa Wola’	3104-92-80
187. <i>Malus domestica</i> Borkh.	‘Jadernička’	
188. <i>Malus pallasiana</i> Juz.		87311
189. <i>Malus sargentii</i> Rehder	‘Tina’	85267
190. <i>Malus sylvestris</i> (L.) Mill.		1970-97-10
191. <i>Malus x hybrida</i>	‘Royalty’	0505-14-80
192. <i>Malus x purpurea</i> (Barbier) Rehder	‘Aldenhanensis’	2032-97-80
193. <i>Malus x purpurea</i> (Barbier) Rehder	‘Neville Copeman’	
194. <i>Malus x zumi</i> (Matsum.) Rehder		3102-92-80
195. <i>Mespilus germanica</i> L.		
196. <i>Oemleria cerasiformis</i> Torr. & A.Gray		87150
197. <i>Photinia villosa</i> (Thunb.) DC.		639 CH
198. <i>Physocarpus opulifolius</i> (L.) Maxim		1373-92-10
199. <i>Physocarpus opulifolius</i> (L.) Maxim.	‘Dart’s Gold’	1933-97-80
200. <i>Prunus cerasifera</i> Ehrh. var. <i>divaricata</i> (Ledeb.) Bailey (black fruits)		372

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



Full – grown tree of *Cunninghamia lanceolata* (Lamb.) Hook from Arboretum Nový Dvůr (January 2017)

**Seeds and fruits collected from plants cultivated outdoors
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201.	<i>Prunus cerasifera</i> Ehrh. var. <i>divaricata</i> (Ledeb.) Bailey (red fruits)	370
202.	<i>Prunus cerasifera</i> Ehrh. var. <i>divaricata</i> (Ledeb.) Bailey (yellow fruits)	371
203.	<i>Prunus maackii</i> Rupr.	0637-98-80
204.	<i>Prunus maackii</i> Rupr.	1560-95-70
205.	<i>Prunus speciosa</i> (Koidz.) Ingram	0785-91-80
206.	<i>Prunus ssiori</i> F. Schmidt	1388-93-40
207.	<i>Pyracantha hybrida</i> 'Soleil d'Or'	2792-92-80
208.	<i>Rosa majalis</i> Herrm.	0558-93-10
209.	<i>Rosa rubiginosa</i> L.	0548-92-10
210.	<i>Rosa rugosa</i> Thunb.	0174-89-10
211.	<i>Rosa villosa</i> L. 'Karpattia'	0295-89-70
212.	<i>Rosa woodsii</i> Lindl.	0816-93-10
213.	<i>Sorbaria sorbifolia</i> (L.) A. Braun	0480-95-10
214.	<i>Sorbus acuparia</i> (L.) Scop 'Pink Veil'	0496-14-80
215.	<i>Sorbus</i> aff. <i>koehneana</i>	2117-94-40
216.	<i>Sorbus aria</i> (L.) Crantz 'Salicifolia'	0508-14-80
217.	<i>Sorbus cashmiriana</i> Hedl.	0716-92-40
218.	<i>Sorbus sambucifolia</i> (Cham. & Schltl.) Roem.	0839-91-10
219.	<i>Sorbus subsimilis</i> Hedl.	1349-93-10
220.	<i>Sorbus torminalis</i> (L.) Crantz	0427-93-10
221.	<i>Spiraea blumei</i> G. Don	
222.	<i>Spiraea densiflora</i> Nutt. & Rydb.	90725
223.	<i>Spiraea trichocarpa</i> Nakai	0088-94-40

RUTACEAE

224. *Poncirus trifoliata* (L.) Raf.

SAPINDACEAE

225. *Koelreuteria paniculata* Laxm.

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

STAPHYLEACEAE

226. *Staphylea colchica* Steven
227. *Staphylea pinnata* L. 0048-91-10
228. *Staphylea pinnata* L. 0047-91-10
229. *Staphylea pinnata* L. 0530-91-10

STYRACACEAE

230. *Styrax japonica* Siebold & Zucc. 'Beni - Bana' 0243-99-70

THEACEAE

231. *Stewartia serrata* Maxim. 0051-99-70
232. *Stewartia sinensis* 0392-99-70
Rehder & E. H. Wilson

THYMELAEACEAE

233. *Daphne mezereum* L.

TILIACEAE

234. *Tilia platyphyllos* Scop. 'Rubra' 621/80

ULMACEAE

235. *Hemiptelea davidii* (Hance) Planch. 0211-85-10
236. *Zelkova serrata* (Thunb.) Makino 338/67

VITACEAE

237. *Ampelopsis brevipedunculata* 'Elegans'
(Maxim.) Trautv.

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



Thorny of *Poncirus trifoliata* (L.) Raf. covered in snow, from Arboretum Nový Dvůr (January 2017)

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



Fruit of *Pocirus trifoliata* (L.) Raf. in thorny branches from Arboretum Nový Dvůr (January 2017)



Snowy, pink blossoms of *Viburnum farreri* Stearn of Arboretum Nový Dvůr (January 2017)

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 2016/2017

DESIDERATA 2016/2017

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 2017**. Warning: We only distribute seeds after receiving this form, signed and filled in, thank you.*



Exemplar of *Sequoiadendron giganteum* J. Buchholz , planted in 70th years from Arboretum Nový Dvůr (January 2017)



Sciadopitys verticillata (Thunb.) Siebold & Zucc. from Arboretum Nový Dvůr
(January 2017)

