



SLEZSKÉ ZEMSKÉ MUZEUM

INDEX SEMINUM NOVODVORENSIS 53.

ARBORETUM NOVÝ DVŮR
SLEZSKÉ ZEMSKÉ MUZEUM

2014/2015

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53.

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ARBORETUM NOVÝ DVŮR



SLEZSKÉ ZEMSKÉ MUZEUM
ARBORETUM NOVÝ DVŮR
746 01 OPAVA
CZECH REPUBLIC

WEB: www.szm.cz
E-MAIL: arboretum@szm.cz
PHONE: +420 553 661 031

LEADERSHIP:

Mgr. Jana Horáková
Museum Director

EDITORS:

Ing. et Ing. Dalibor Lička, Ph.D.
Head of the Nový Dvůr Arboretum
Ing. Kamila Mücková
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 *Umbrella Pine - Sciadopitys verticillata* (Nový Dvůr, Pustka, 1959)

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



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

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 worth due to its design and composition. The basic structure of the park

consists of fully-grown, solitary or grouped pine trees of the Heraldice 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.Murrayu bis) Parl. | 'Glandensa' | 3115-91-81 |
| 2. | <i>Juniperus chinensis</i> L. | 'Hilli Blue' | 0259-92-80 |
| 3. | <i>Juniperus scopulorum</i> Sarg. | | 0636-96-10 |
| 4. | <i>Juniperus virginiana</i> L. | 'Blue Moon' | 2047-97-80 |
| 5. | <i>Microbiota decussata</i> Komarov | | 0941-91-10 |
| 6. | <i>Thuja plicata</i> D.Don | 'Zebrina' | |
| 7. | <i>Thujopsis dolabrata</i> Siebold
& Zucc. | 'Variegata' | |

PINACEAE

- | | | | |
|-----|---|-----------------|------------|
| 8. | <i>Cedrus atlantica</i> (Endl.) Manetti ex
Carriere | | |
| 9. | <i>Larix gmelinii</i> (Rupr.) Kuzen. | | 86183 |
| 10. | <i>Larix gmelinii</i> (Rupr.) Kuzen. var.
<i>principis-rupprechtii</i> (Mayr) Pilger | | 190295 |
| 11. | <i>Larix laricina</i> (Du Roi) K.Koch | | 1433 |
| 12. | <i>Larix laricina</i> (Du Roi) K.Koch | | 1593 |
| 13. | <i>Larix maritima</i> Sukacz. | | 85120 |
| 14. | <i>Picea abies</i> (L.) H.Karst. | 'Acrocona' | 1542-94-80 |
| 15. | <i>Picea jezoensis</i> Carr. | | |
| 16. | <i>Picea rubens</i> Sarg. | | 0488-91-10 |
| 17. | <i>Pinus contorta</i> Douglas ex Loudon | 'Creeping Form' | 1886-98-80 |
| 18. | <i>Tsuga canadensis</i> (L.) Carr. | 'Gable' | 2782-96-80 |
| 19. | <i>Tsuga canadensis</i> (L.) Carr. | 'Pendula' | |

- | | | | |
|-----|--|---------------|------------|
| 20. | <i>Tsuga canadensis</i> (L.) Carriere | 'Microphylla' | 0766-98-80 |
| 21. | <i>Tsuga canadensis</i> (L.) Carriere | | |
| 22. | <i>Tsuga caroliniana</i> Sarg. | | |
| 23. | <i>Tsuga heterophylla</i> (Raf.) Sarg. | | 0113-91-70 |
| 24. | <i>Tsuga mertensiana</i> Sarg. | | |

TAXACEAE

- | | | | |
|-----|----------------------------|-------------|----------|
| 25. | <i>Taxus x media</i> Rehd. | 'Sargentii' | 616/1183 |
|-----|----------------------------|-------------|----------|

TAXODIACEAE

- | | | | |
|-----|---|--|------------|
| 26. | <i>Cryptomeria japonica</i> D.Don | | 1201-96-10 |
| 27. | <i>Cryptomeria japonica</i> D.Don | | |
| 28. | <i>Cunninghamia lanceolata</i> (Lamb.)
Hook. | | |

ANGIOSPERMAE

ACERACEAE

- | | | | |
|-----|--|-----------------|------------|
| 29. | <i>Acer buergerianum</i> Miq. | | 323/78 |
| 30. | <i>Acer cissifolium</i> (Sieb. et Zucc.)
K.Koch | | 109/80 |
| 31. | <i>Acer circinatum</i> Pursh | | 1970-92-10 |
| 32. | <i>Acer ginnala</i> Maxim. | | 2242-93-10 |
| 33. | <i>Acer ginnala</i> Maxim. | | 1932-92-10 |
| 34. | <i>Acer japonicum</i> Thunb. | 'Aconitifolium' | 1018-97-80 |
| 35. | <i>Acer macrophyllum</i> Pursh. | | |
| 36. | <i>Acer mandshurica</i> Maxim. | | |
| 37. | <i>Acer micranthum</i> Siebold & Zucc. | 'Candelabrum' | 3378-96-80 |
| 38. | <i>Acer micranthum</i> Siebold & Zucc. | | 375/80 |
| 39. | <i>Acer negundo</i> L. | | |
| 40. | <i>Acer palmatum</i> Thunb. | 'Atropurpureum' | |
| 41. | <i>Acer palmatum</i> Thunb. | 'Sanguineum' | |
| 42. | <i>Acer palmatum</i> Thunb. ex Murray | | |



Original water greenhouse with massive floating **Giant Waterlily - *Victoria amazonica*** leaves under the arched epiphytic trunk (Nový Dvůr, Solnický, 1977)

- | | | | |
|-----|---|------------------|------------|
| 43. | <i>Acer palmatum</i> Thunb. Ex Murray | 'Azuma-murasaki' | 1852-93-80 |
| 44. | <i>Acer palmatum</i> Thunb. var.
<i>palmatum</i> | | 2097-92-10 |
| 45. | <i>Acer pensylvanicum</i> L. | | |
| 46. | <i>Acer platanoides</i> L. | 'Palmatifidum' | 261/82 |
| 47. | <i>Acer rufinerve</i> Siebold & Zucc. | | 910 |
| 48. | <i>Acer tataricum</i> L. | | 2164-94-10 |
| 49. | <i>Acer triflorum</i> Kom. | | |

ANACARDIACEAE

- | | | | |
|-----|--------------------------------|-------------|------------|
| 50. | <i>Cotinus coggygria</i> Scop. | | |
| 51. | <i>Rhus typhina</i> L. | 'Laciniata' | 0842-99-80 |



Original xeric greenhouse with cacti and succulents (Nový Dvůr, Solnický, 1977)

AQUIFOLIACEAE

- | | | | |
|-----|--------------------------------|--------------|------------|
| 52. | <i>Ilex x meserveae</i> S.Y.Hu | 'Blue Eagle' | 2450-95-80 |
|-----|--------------------------------|--------------|------------|

ARALIACEAE

- | | | | |
|-----|--|--|------------|
| 53. | <i>Acanthopanax setchuenensis</i>
Harms | | 1339-96-10 |
| 54. | <i>Acanthopanax sieboldianus</i>
Makino | | 87108 |
| 55. | <i>Aralia chinensis</i> L. | | 0305-91-70 |
| 56. | <i>Acanthopanax henryi</i> (Oliv.) Harms | | |

BERBERIDACEAE

57.	<i>Berberis amurensis</i> Rupr. f. <i>latifolia</i> (Nakai) W.Lee	1432-93-10
58.	<i>Berberis oblanceifolia</i> C.M.Hu	1781-95-70
59.	<i>Berberis thunbergii</i> DC. 'Red King'	2874-96-80
60.	<i>Berberis thunbergii</i> DC.	
61.	<i>Berberis thunbergii</i> DC. 'Atropurpurea'	
62.	<i>Berberis thunbergii</i> DC. 'Aurea'	88502
63.	<i>Berberis vulgaris</i> L.	0166-92-20

BETULACEAE

64.	<i>Alnus japonica</i> (Thunb.) Steud.	2100-92-10
65.	<i>Alnus kamtschatica</i> (Callier) Komarov	0823-91-10
66.	<i>Alnus maritima</i> (Marshall) Muhl. ex Nutt.	87531
67.	<i>Alnus rugosa</i> (Du Roi) Spreng.	0113-92-10
68.	<i>Alnus sinuata</i> (Regel) Rydb.	0809-91-10
69.	<i>Betula concinna</i> Gunnarsson	1734-92-10
70.	<i>Betula ermanii</i> Cham.	1691-94-10
71.	<i>Betula grandifolia</i> Litv.	
72.	<i>Betula humilis</i> Schrank	81/74
73.	<i>Betula chinensis</i> Maxim.	1690-94-10
74.	<i>Betula jacquemontii</i> Spach	
75.	<i>Betula ovalifolia</i> Rupr.	0794-91-40
76.	<i>Betula oycoviensis</i> Besser	1507
77.	<i>Betula paishanensis</i> Nakai	0677-91-10
78.	<i>Betula papyrifera</i> Marshall	0346-92-10
79.	<i>Betula pubescens</i> Ehrh.	0607-92-10
80.	<i>Betula tatewakiana</i> M.Ohki & S.Watan.	1137-92-70
81.	<i>Betula x purpusii</i> Schneid.	356/80



Fast growing north american **Giant Sequoia - *Sequoiadendron giganteum***
(Nový Dvůr, Solnický, 1985)

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

BUXACEAE		
82.	<i>Buxus sempervirens</i> L.	'Aurea' 0875-94-80
83.	<i>Buxus sempervirens</i> L.	'Fleur de Lys' 2127-95-80
84.	<i>Buxus sempervirens</i> L.	'Hollandia' 2126-95-80
85.	<i>Buxus sempervirens</i> L.	'Henry Schaw' 2141-95-80
CAPRIFOLIACEAE		
86.	<i>Kolkwitzia amabilis</i> Graebn.	3222-94-83
87.	<i>Lonicera alpigena</i> L.	0673-93-10
88.	<i>Lonicera alpigena</i> L.var. <i>glehnii</i> (Schmidt) Nakai	0476-94-10
89.	<i>Lonicera x xylosteoides</i> Tausch	0966-93-70
90.	<i>Lonicera xylosteum</i> L.	2287-92-10
91.	<i>Sambucus racemosa</i> L. f. <i>aureocarpa</i> Hara	90525
92.	<i>Symphoricarpos oreophilus</i> A.Gray var. <i>utahensis</i> (Rydb.) A.Nelson	2108-96-10
93.	<i>Symphoricarpos oreophilus</i> Gray	1288-95-10
94.	<i>Symphoricarpos x chenaultii</i> Rehder	0388-95-80
95.	<i>Viburnum betulifolium</i> Batalin	0716-94-10
96.	<i>Viburnum burejaeticum</i> Regel	0302-05-70
97.	<i>Viburnum lantana</i> L.	0169-92-10
98.	<i>Viburnum lentago</i> L.	1995
99.	<i>Viburnum opulus</i> L. var. <i>calvescens</i> (Rehder) Hara	1259-96-10
100.	<i>Viburnum plicatum</i> Thunb.	'Watanabe' 2051-92-83
101.	<i>Viburnum prunifolium</i> L.	2606-93-10
102.	<i>Viburnum sargentii</i> Koehne	1476-93-10
103.	<i>Viburnum wrightii</i> Miq.	1377-93-40
104.	<i>Viburnum wrightii</i> Miq.	1294-94-10
105.	<i>Weigela florida</i> (Bunge) A.DC.	1268-95-10

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

CELASTRACEAE		
106.	<i>Celastrus orbiculatus</i> Thunb.	
107.	<i>Euonymus alatus</i> (Thunb.) Siebold 'Compactus'	0976-98-80
108.	<i>Euonymus europaeus</i> L. var. <i>angustifolius</i> K.F.Schulz	390/80
109.	<i>Euonymus phellomanus</i> Loes. ex Diels	bez č.
110.	<i>Euonymus planipes</i> (Koehne) Koehne	509/78
CERCIDYPHYLLACEAE		
111.	<i>Cercidiphyllum japonicum</i> Siebold & Zucc.	
CLETHRACEAE		
112.	<i>Clethra alnifolia</i> L.	
CORNACEAE		
113.	<i>Cornus amomum</i> L.	84448
114.	<i>Cornus amomum</i> L.	88020
115.	<i>Cornus drummondii</i> C.A.Mey.	1273-93-10
116.	<i>Cornus mas</i> L.	1858-93-10
117.	<i>Cornus mas</i> L.	'Variegata' 2511-93-80
CORYLACEAE		
118.	<i>Carpinus caroliniana</i> Walter	1271-93-10
119.	<i>Carpinus laxiflora</i> (Siebold & Zucc.) Blume	2687-92-10
120.	<i>Carpinus shensiensis</i> Hu	3399-96-80
121.	<i>Carpinus tschonoskii</i> Maxim. var. <i>eximia</i> Hatusima	1613-96-10
122.	<i>Corylus americana</i> Marsh.	1365-92-10



Unusual shrubby **Bottlebrush Buckeye - *Aesculus parviflora*** with candles of snowy white flowers (Nový Dvůr, Pustka, 1958).

EBENACEAE

123. *Diospyros virginiana* L. 1462-93-50

ERICACEAE

124. *Enkianthus cernuus* Makino
 125. *Enkianthus cernuus* Makino var. *rubens* (Maxim.) Makino 85005
 126. *Gaultheria shallon* Pursh 89055
 127. *Gaylussacia baccata* K. Koch 85010
 128. *Kalmia angustifolia* L.
 129. *Lyonia mariana* D. Don 85018
 130. *Oxydendrum arboreum* DC.
 131. *Vaccinium arctostaphylos* L. 0408-91-40

FABACEAE

132. *Amorpha fruticosa* L. 0299-84-10
 133. *Caragana arborescens* Lam. 'Pendula' 2213-93-80
 134. *Caragana mandshurica* Kom. 0855-91-40
 135. *Caragana turkestanica* Komarov 0907-98-40
 136. *Cytisus purpureus* Scop. 'Erectus' 1883-96-80
 137. *Genista hispanica* L. 87396
 138. *Laburnocytisus adamii* (Poit.) Schneid. 1871-94-80
 139. *Laburnocytisus adamii* (Poit.) Schneid. 2202-96-80
 140. *Petteria ramentacea* C. Presl 0080-86-10

FAGACEAE

141. *Quercus petraea* (Mattuschka) Liebl. 'Pungens' 2216-96-80
 142. *Quercus pubescens* Willd. 975 CH

HAMAMELIDACEAE

143. <i>Corylopsis willmottiae</i> Rehder & E. H. Wilson		0439-05-70
144. <i>Fothergilla major</i> L.		1187-99-80
145. <i>Hamamelis vernalis</i> Sarg	'Lombart's Weeping'	
146. <i>Hamamelis virginiana</i> L.		0490-93-10
147. <i>Hamamelis virginiana</i> L.		18/30
148. <i>Hamamelis x intermedia</i> Rehder	'Feuerzauber'	46/82
149. <i>Hamamelis x intermedia</i> Rehder	'Orange Beauty'	516/78

HYDRANGEACEAE

150. <i>Hydrangea arborescens</i> L.		1545-96-10
151. <i>Hydrangea paniculata</i> Sieb.	'Pink Diamond'	0515-96-70
152. <i>Philadelphus</i> L.	'Karolinka'	2759-94-83
153. <i>Philadelphus chinensis</i> K.Koch		202/84
154. <i>Philadelphus pekinensis</i> Rupr.		1412-94-70
155. <i>Philadelphus schrenkii</i> Rupr.		1232-95-10

JUGLANDACEAE

156. <i>Pterocarya stenoptera</i> C. DC.		0431-99-80
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LAMIACEAE

157. <i>Callicarpa japonica</i> Thunb.		
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LARDIZABALACEAE

158. <i>Decaisnea fargesii</i> Franch.		
159. <i>Decaisnea fargesii</i> Franch.		0634-99-80
160. <i>Sinofranchetia chinensis</i> (Franch.) Hemsl.		87167

MAGNOLIACEAE

161. <i>Liriodendron tulipifera</i> L.		
162. <i>Magnolia grandiflora</i> L.		
163. <i>Magnolia x soulangeana</i> hort.	'Alba Superba'	3122-96-80



Flowering twig of **Kousa Dogwood - *Cornus kousa*** (Nový Dvůr, Pustka, 1960)

MORACEAE

164. <i>Morus rubra</i> L.		1549-92-10
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MYRICACEAE

165. <i>Myrica gale</i> L.		0381-91-10
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OLEACEAE

166. <i>Forsythia gairdiana</i> Lingelsh.		
167. <i>Forsythia suspensa</i> (Thunb.) Vahl	'Fortunei Aurea'	2208-93-80
168. <i>Forsythia x intermedia</i> Zab.	'Parkdekor'	2374-93-80
169. <i>Chionanthus retusus</i> Paxton		266/79
170. <i>Ligustrum tschonoskii</i> Decne.		1385-93-40
171. <i>Ligustrum tschonoskii</i> Decne.	'Little Thomas'	0984-98-80
172. <i>Syringa debelderi</i> Clark et Fiala		90400
173. <i>Syringa patula</i> (Palib.) Nakai		0401-90-10

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

174. *Syringa pekinensis* Rupr.
175. *Syringa tigerstedtii* Harry Sm. 0463-96-40

RHAMNACEAE

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

ROSACEAE

177. *Amelanchier bartramiana* (Tausch) M. Roem. 1580
178. *Amelanchier bartramiana* (Tausch) M. Roem. 139/80
179. *Amelanchier bartramiana* (Tausch) M. Roem. 12/82
180. *Amelanchier humilis* Wiegand 138/80
181. *Amelanchier laevis* Wieg. 'Ballerina' 3388-98-80
182. *Amelanchier ovalis* Medik. 0179-92-10
183. *Amygdalus nana* L. 90099
184. *Cotoneaster horizontalis* Decne. 2096-94-40
185. *Cotoneaster bradyi* E. C. Nelson & J. Fryer 0543-96-40
186. *Cotoneaster cochleatus* (Franch.) G. Klotz 0344-97-70
187. *Cotoneaster dammeri* C.K.Schneid. 'Jürgl' 1156-92-70
188. *Cotoneaster giraldii* Flinck & B. Hylmö ex G.Klotz 0346-97-70
189. *Cotoneaster glomerulatus* W.W.Sm. 0346-97-70
190. *Cotoneaster horizontalis* Decne 'Robusta' 1641-97-10
191. *Cotoneaster horizontalis* Decne. 1641-97-10
192. *Cotoneaster multiflorus* Bunge 0886-95-70
193. *Cotoneaster ottoschwarzii* G. Klotz 0886-95-70
194. *Cotoneaster roseus* Edgew. 0875-95-10
195. *Cotoneaster scandinavicus* B. Hylmö 0875-95-10

**Seeds and fruits collected from plants cultivated outdoors
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196. *Cotoneaster sikangensis* Flinck & B. Hylmö 1164-92-40
197. *Cotoneaster* sp. 0556-96-40
198. *Cotoneaster zabelii* C. K. Schneider 2109-94-40
199. *Crataegus calicyna* Peterm. 0541-94-10
200. *Crataegus calpodendron* (Ehrh.) Medik. 17/75
201. *Crataegus maximowiczii* C.K.Schneid 1238-95-10
202. *Crataegus pedicellata* Sarg. 89236
203. *Crataegus pontica* C.Koch 0777-92-50
204. *Crataegus punctata* Jacq. 1896-93-50
205. *Cydonia oblonga* Mill.
206. *Exochorda racemosa* (Lindl.) Rehder
207. *Chaenomeles speciosa* (Sweet) 'Rouge' Nakai 1545-94-80
208. *Chaenomeles speciosa* (Sweet) 'Red Ruffles' Nakai 1355-96-80
209. *Chaenomeles speciosa* (Sweet) 'Nivalis' Nakai 3117-96-80
210. *Chaenomeles x superba* Rehd. 'Crimson and Gold' 3251-96-80
211. *Chaenomeles x superba* Rehd. 'Knap Hill Scarlet' 1356-96-80
212. *Malus coronaria* (L.) Mill. 1711-92-10
213. *Malus domestica* Borkh. 1989-92-10
214. *Malus fusca* (Raf.) C.K.Schneid. 1970-97-10
215. *Malus sylvestris* (L.) Mill. 0527-98-10
216. *Malus toringo* (Siebold) de Vriese 0527-98-10
217. *Mespilus germanica* L. 90056
218. *Neillia affinis* Hemsl. 1560-95-70
219. *Padus maackii* (Rupr.) Komarov 639
220. *Photinia villosa* (Thunb.) DC. 1373-92-10
221. *Physocarpus opulifolius* (L.) Maxim. 1373-92-10



Fruitful branch with cone of **Umbrella Pine - *Sciadopitys verticillata*** (Nový Dvůr, Solnický, 1967)

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|---|---------------|------------|
| 222. <i>Prunus cerasifera</i> Ehrh. var. <i>divaricata</i> (Ledeb.) Bailey (red-fruited) | | |
| 223. <i>Prunus cerasifera</i> Ehrh. var. <i>divaricata</i> (Ledeb.) Bailey (yellow-fruited) | | |
| 224. <i>Prunus speciosa</i> (Koidz.) Ingram | | 1319-94-50 |
| 225. <i>Prunus ssiori</i> F. Schmidt | | 1388-93-40 |
| 226. <i>Prunus virginiana</i> L. | | 0535-92-10 |
| 227. <i>Pyracantha coccinea</i> M. Roem. | 'Orange Glow' | 3127-96-80 |
| 228. <i>Pyracantha coccinea</i> M. Roem. | 'Soleil d'Or' | 2792-92-80 |
| 229. <i>Rhodotypos scandens</i> (Thunb.) Makino | | 62/83 |
| 230. <i>Rosa acicularis</i> Lindl. | | 0612-92-10 |
| 231. <i>Rosa glauca</i> Pourr. | | |
| 232. <i>Rosa helenae</i> Rehder & E.H.Wilson | | 0387-96-70 |
| 233. <i>Rosa palustris</i> Marshall | | 1553-92-10 |
| 234. <i>Rosa rubiginosa</i> L. | | 0548-92-10 |
| 235. <i>Rosa rugosa</i> Thunb. | | 0174-89-10 |
| 236. <i>Rosa villosa</i> L. | | |
| 237. <i>Rosa villosa</i> L. | 'Karpattia' | 0295-89-70 |
| 238. <i>Sorbaria sorbifolia</i> (L.) A. Br. Strauch | | 0480-95-10 |
| 239. <i>Sorbus cashmiriana</i> Hedl. | | 0572-96-40 |
| 240. <i>Sorbus koehneana</i> C.K.Schneid. | | 2117-94-70 |
| 241. <i>Sorbus alnifolia</i> (S. & Z.) K.Koch f. <i>hirtella</i> (Nakai) W.Lee | | 1626-96-10 |
| 242. <i>Sorbus cashmiriana</i> Hedl. | | 0716-92-40 |
| 243. <i>Sorbus forrestii</i> McAll. & Gillham | | 2115-94-40 |
| 244. <i>Sorbus chamaemespilus</i> Crantz | | 88220 |
| 245. <i>Sorbus microphylla</i> Wenz. | | 2178-93-40 |
| 246. <i>Sorbus redliana</i> Kárpáti | | 1152-94-40 |
| 247. <i>Sorbus sambucifolia</i> (Cham. & Schltld.) Roem. | | 0839-91-10 |

248. <i>Spiraea betulifolia</i> Pall.	1187-95-10
249. <i>Spiraea densiflora</i> Nutt. & Rydb.	90725
250. <i>Spiraea densiflora</i> Nutt. & Rydb.	1817-94-80
251. <i>Spiraea chamaedryfolia</i> L.	1243-95-10
252. <i>Spiraea latifolia</i> Borkh.	2556-94-10
253. <i>Spiraea trichocarpa</i> Nakai	0088-94-40

RUBIACEAE

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

255. <i>Orixa japonica</i> Thunb.	90378
256. <i>Poncirus trifoliata</i> L.	
257. <i>Ptelea trifoliata</i> L.	
258. <i>Zanthoxylum schinifolium</i> S. et Z.	86261

SAPINDACEAE

259. <i>Koelreuteria paniculata</i> Laxm.	
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STAPHYLEACEAE

260. <i>Staphylea colchica</i> Steven	
261. <i>Staphylea pinnata</i> L.	0047-91-10
262. <i>Staphylea pinnata</i> L.	0048-91-10
263. <i>Staphylea pinnata</i> L.	0530-91-10
264. <i>Staphylea trifolia</i> L.	2247-92-50

STYRACACEAE

265. <i>Halesia carolina</i> L.	84346
266. <i>Styrax japonica</i> Siebold & Zucc. 'Beni-Bana'	0243-99-70

THEACEAE

267. <i>Stewartia pseudocamellia</i> Maxim. var. <i>koreana</i> (Nakai) Sealy	485/79
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Detail of flowering twig of American Fringe Tree - *Chionanthus virginicus* (Nový Dvůr, Solnický, 1957)

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

268. *Stewartia pseudocamellia* Maxim. 90050
var. *pseudocamellia*

THYMELAEACEAE

269. *Daphne mezereum* L.

TILIACEAE

270. *Tilia oliveri* Szyszyl 745/78
271. *Tilia platyphylla* Scop. 'Laciniata' 2052-92-80
272. *Tilia platyphyllos* Scop. 'Rubra' 621/80

ULMACEAE

273. *Hemiptelea davidii* (Hance) Planch. 85211
274. *Ulmus parvifolia* Jacq. 0330-91-70

**SEEDS AND FRUITS COLLECTED FROM PLANTS CULTIVATED
IN THE GREENHOUSES**

ADIANTACEAE

275. *Adiantum reniforme* Sessé & Moc. 2048-93-20

AMARANTHACEAE

276. *Pleuropetalum darwinii* Hook.f. 0973-90-80

APOCYNACEAE

277. *Alyxia daphnoides* A.Cunn. 0684-07-70

ARACEAE

278. *Anthurium scandens* (Aubl.) Engl. 2518-92-30
var. *scandens*

ASCLEPIADACEAE

279. *Asclepias curassavica* L. 0001-11-70

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

LEGUMINOSAE

280. *Rhynchosia phaseoloides* DC. 0126-06-70

MARATTIACEAE

281. *Angiopteris evecta* (G.Forst.) Hoffm. 3115-92-80

MYRSINACEAE

282. *Ardisia solanacea* Roxb. 0767-04-70

MYRTACEAE

283. *Psidium cattleianum* Sabine

RUBIACEAE

284. *Psychotria bacteriophila* Valetton 2831-88-70

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- 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 2014/2015 in full details.



Group of Burning Bush in bloom – *Dictamnus albus* (Nový Dvůr, Solnický, 1963)

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.

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



DESIDERATA 2014/2015

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

Your seed order:

Please, limit your order to **25 numbers** and return this signed form by **31th August 2015**. Warning: We only distribute seeds after receiving this form, signed and filled in, thank you.



Historical pergola under the Cedar (Nový Dvůr, Solnický, 1964)



Brushy white flowers of **Witch Alder - *Fothergilla major*** (Nový Dvůr, Solnický, 1967)

