



SLEZSKÉ ZEMSKÉ MUZEUM



**INDEX SEMINUM  
NOVODVORENSIS  
59.**

**ARBORETUM NOVÝ DVŮR  
SLEZSKÉ ZEMSKÉ MUZEUM  
2020/2021**

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59.**

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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

\*) The picture from title page display flower *Liriodendron tulipifera* from the Nový Dvůr Arboretum (Můčková, 2020)

### 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 Riedel (1878–1946). During his time in Nový Dvůr (1906–28) Riedel, 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 Riedel 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. Riedel 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) 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 m<sup>2</sup>, 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 Riedel 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  
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**GYMNOSPERMAE**

**CUPRESSACEAE**

1. *Chamaecyparis lawsoniana* (A. Murray bis) Parl.
2. *Juniperus communis* L. 228/980
3. *Juniperus communis* L.
4. *Juniperus semiglobosa* Regel 0294-87-77
5. *Microbiota decussata* Kom.

**PINACEAE**

6. *Cedrus atlantica* (Endl.) Manetti ex Carriere 1464-92-10
7. *Larix gmelinii* var. *principis – rupprechtii* (Mayr) Pilg. 0295-90-10
8. *Larix kaempferi* (Lamb.) Carriere
9. *Larix laricina* (Du Roi) K. Koch 1433
10. *Larix maritima* Sukaczew 85120
11. *Larix sibirica* Ledeb. 695/78
12. *Pinus attenuata* Lemmon 1930-94-10
13. *Pinus heldreichii* H. Christ
14. *Pinus nigra* Aiton
15. *Pinus resinosa* Aiton 1882-93-50
16. *Pinus sylvestris* L. 0449-91-10
17. *Pinus sylvestris* var. *lapponica* Hartm. 0043-95-80
18. *Pinus tabuliformis* Carrière 719/78
19. *Pseudotsuga menziesii* (Mirb.) Franco
20. *Tsuga canadensis* Carrière
21. *Tsuga caroliniana* Engelm.
22. *Tsuga heterophylla* Sarg. 0113-91-70

**TAXACEAE**

23. *Taxus baccata* L. 0679-93-10
24. *Taxus baccata* L. 410/1081

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| 25. <i>Taxus baccata</i> L.                | 0679-99-10 |
| 26. <i>Taxus canadensis</i> Marshall       | 25/81      |
| 27. <i>Taxus cuspidata</i> Siebold & Zucc. | 322/79     |

**TAXODIACEAE**

- |  |       |
|--|-------|
| 28. <i>Cryptomeria japonica</i> D. Don                   | 90292 |
| 29. <i>Cunninghamia lanceolata</i> (Lamb.) Hook.         |       |
| 30. <i>Metasequoia glyptostroboides</i> Hu & W. C. Cheng |       |
| 31. <i>Metasequoia glyptostroboides</i> Hu & W. C. Cheng | 89020 |

**ANGIOSPERMAE**

**ACERACEAE**

- |                                    |            |
|------------------------------------|------------|
| 32. <i>Acer buergerianum</i> Miq.  |            |
| 33. <i>Acer circinatum</i> Pursh.  | 1970-92-10 |
| 34. <i>Acer circinatum</i> Pursh.  | 1999-93-10 |
| 35. <i>Acer ginnala</i> Maxim.     | 1932-92-10 |
| 36. <i>Acer ginnala</i> Maxim.     | 1928-93-10 |
| 37. <i>Acer ginnala</i> Maxim.     | 2242-93-10 |
| 38. <i>Acer glabrum</i> Torr.      | 72/77      |
| 39. <i>Acer ibericum</i> M. Bieb.  | 90910      |
| 40. <i>Acer macrophyllum</i> Pursh |            |
| 41. <i>Acer mono</i> Maxim.        | 1925-93-10 |
| 42. <i>Acer monspessulanum</i> L.  | 57/69      |
| 43. <i>Acer tataricum</i> L.       | 2164-94-10 |

**ANACARDIACEAE**

- |                                    |  |
|------------------------------------|--|
| 44. <i>Cotinus coggygria</i> Scop. |  |
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**AQUIFOLIACEAE**

- |                               |  |
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| 45. <i>Ilex aquifolium</i> L. |  |
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**ARALIACEAE**

46. *Acanthopanax henryi* (Oliv.) Harms  
47. *Acanthopanax sieboldianus* Makino 0108-87-10  
48. *Acanthopanax sieboldianus* Makino 88162

**BERBERIDACEAE**

49. *Berberis aggregata* C. K. Schneid. 0115-98-40  
50. *Berberis julianae* C. K. Schneid.  
51. *Berberis thunbergii* DC.  
52. *Berberis vulgaris* L. 1194-94-10  
53. *Berberis vulgaris* L. 0166-92-10  
54. *Mahonia nervosa* (Pursh) Nutt. 90432

**BETULACEAE**

55. *Alnus cordata* (Loisel.) Desf. 2154-93-40  
56. *Betula carpatica* Waldst. et Kit. ex Willd. 0156-04-70  
57. *Betula concinna* Gunnarsson 1734-92-10  
58. *Betula ermanii* Cham. 1691-94-10  
59. *Betula grandifolia* Litv.  
60. *Betula grossa* Siebold & Zucc. 0663-91-10  
61. *Betula humilis* Marshall 2732-95-40  
62. *Betula chinensis* Maxim. 0507-91-10  
63. *Betula litwinowii* Doluch. 1295-93-10  
64. *Betula obscura* Kotula 2551-94-10  
65. *Betula ovalifolia* Rupr. 0794-91-40  
66. *Betula oycoviensis* Besser 1497  
67. *Betula papyrifera* Marshall  
68. *Betula platyphylla* Sukaczew 1215-95-10  
69. *Betula platyphylla* var. *japonica* (Miq.) H. Hara  
70. *Betula pubescens* subsp. *carpatica*  
(Waldst. & Kit. ex Willd.) Asch. & Graebn. 0549-91-10



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|-----|--|-------|
| 71. | <i>Betula pubescens</i> Ehrh.            | 1645  |
| 72. | <i>Betula pubescens</i> Ehrh.            | 90171 |
| 73. | <i>Ostrya virginiana</i> (Mill.) K. Koch | 85219 |
| 74. | <i>Ostrya virginiana</i> (Mill.) K. Koch | 90642 |

**BIGNONIACEAE**

|     |  |            |
|-----|--|------------|
| 75. | <i>Catalpa bignonioides</i> Walter       |            |
| 76. | <i>Catalpa speciosa</i> (Warder) Engelm. | 0254-06-70 |
| 77. | <i>Catalpa x galleana</i> Dode           | 0582-05-70 |

**CAPRIFOLIACEAE**

|     |   |            |
|-----|---|------------|
| 78. | <i>Kolkwitzia amabilis</i> Graebn.                              | 3222-94-83 |
| 79. | <i>Kolkwitzia amabilis</i> Graebn.                              | 0713-95-80 |
| 80. | <i>Lonicera alpigena</i> L. var. <i>glehnii</i> (Schmidt) Nakai | 0476-94-10 |
| 81. | <i>Lonicera japonica</i> Thunb.                                 | 1811-10-70 |
| 82. | <i>Lonicera maackii</i> (Rupr.) Maxim.                          | 0452-10-70 |
| 83. | <i>Lonicera subhispida</i> Nakai                                | 0998-93-70 |
| 84. | <i>Lonicera xylosteum</i> L.                                    | 2294-92-10 |
| 85. | <i>Sambucus racemosa</i> L. f. <i>aureocarpa</i>                | 90525      |
| 86. | <i>Viburnum betulifolium</i> Batalin                            | 0716-94-10 |
| 87. | <i>Viburnum carlesii</i> Hemsl.                                 |            |
| 88. | <i>Viburnum lantana</i> L.                                      | 0169-92-10 |
| 89. | <i>Viburnum lantanoides</i> Michx.                              | 0346-05-70 |
| 90. | <i>Viburnum lentago</i> L.                                      | 1993       |
| 91. | <i>Viburnum macrocephalum</i> Fortune                           | 0330-05-70 |
| 92. | <i>Viburnum mongolicum</i> (Pall.) Rehder.                      | 0299-05-70 |
| 93. | <i>Viburnum prunifolium</i> L.                                  | 1381-92-10 |
| 94. | <i>Viburnum rhytidophyllum</i> Hemsl.                           |            |
| 95. | <i>Viburnum rhytidophyllum</i> Hemsl.                           | 0428-99-80 |
| 96. | <i>Viburnum sargentii</i> Koehne f. <i>puberulum</i> Kom.       | 2215-94-10 |
| 97. | <i>Viburnum trilobum</i> Marshall                               | 0359-05-70 |

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98. *Viburnum wrightii* Miq. 1294-94-10  
99. *Viburnum wrightii* Miq. 1377-93-40  
100. *Weigela middendorffiana* (Trautv. & C. A. Mey.) K. Koch 1497-10-70

**CELASTRACEAE**

101. *Celastrus orbiculatus* Thunb.  
102. *Euonymus maackii* Rupr. 0619-06-10  
103. *Euonymus phellomanus* Loes.  
104. *Euonymus planipes* (Koehne) Koehne 509/78  
105. *Euonymus sieboldianus* Blume 86154  
106. *Euonymus sieboldianus* Blume 1516-94-40

**CERCIDIPHYLLACEAE**

107. *Cercidiphyllum japonicum* Siebold & Zucc.

**CORNACEAE**

108. *Cornus alternifolia* L. f. 1330-10-10  
109. *Cornus alternifolia* L. f. 1272-93-10  
110. *Cornus alternifolia* L. f. 1916-10-70  
111. *Cornus amomum* var. *schuetzeana* (C. A. Mey.) Rickett 0729-97-10  
112. *Cornus drummondii* C. A. Mey. 1273-93-10  
113. *Cornus kousa* (Bürger) Hance  
114. *Cornus kousa* var. *chinensis* Osborn 90/68  
115. *Cornus mas* L. 2395-92-10  
116. *Cornus mas* L. 1858-93-10  
117. *Cornus officinalis* Siebold & Zucc. 0706-03-70  
118. *Cornus stricta* Lam. 0180-94-50

**CORYLACEAE**

119. *Carpinus caroliniana* Walter 271-93-10  
120. *Carpinus caroliniana* Walter 1974-93-10

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|   |            |
|---|------------|
| 121. <i>Carpinus coreana</i> Nakai                                  | 1693-94-10 |
| 122. <i>Carpinus shensiensis</i> Hu                                 | 3399-96-80 |
| 123. <i>Carpinus tschonoskii</i> Maxim. var. <i>eximia</i> Hatusima | 1613-96-10 |
| 124. <i>Corylus americana</i> Marshall                              | 1944-96-10 |

**ERICACEAE**

|   |            |
|---|------------|
| 125. <i>Gaultheria miqueliana</i> Takeda              |            |
| 126. <i>Pieris japonica</i> (Thunb.) D. Don ex G. Don |            |
| 127. <i>Vaccinium arctostaphylos</i> L.               | 0408-91-40 |
| 128. <i>Vaccinium myrtilloides</i> Michx.             | 0928-93-10 |

**FABACEAE**

|   |            |
|---|------------|
| 129. <i>Amorpha fruticosa</i> L.                        | 0299-84-10 |
| 130. <i>Caragana manshurica</i> Kom.                    | 0855-91-40 |
| 131. <i>Coulutea arborescens</i> L.                     | 2275-10-70 |
| 132. <i>Laburnocytisus adami</i> (Poit.) C. K. Schneid. | 2202-96-80 |
| 133. <i>Laburnum anagyroides</i> Medik.                 |            |

**FAGACEAE**

|                                      |            |
|--------------------------------------|------------|
| 134. <i>Quercus bicolor</i> Willd.   | 84728      |
| 135. <i>Quercus pubescens</i> Willd. | 975 CH     |
| 136. <i>Quercus pyrenaica</i> Willd. | 0068-01-70 |
| 137. <i>Quercus velutina</i> Lam.    | 2716-93-74 |

**HAMAMELIDACEAE**

|                                      |            |
|--------------------------------------|------------|
| 138. <i>Hamamelis mollis</i> Oliv.   |            |
| 139. <i>Hamamelis vernalis</i> Sarg. | 0201-00-70 |
| 140. <i>Hamamelis vernalis</i> Sarg. | 0335-05-70 |
| 141. <i>Hamamelis virginiana</i> L.  | 2495-93-10 |
| 142. <i>Hamamelis virginiana</i> L.  | 0490-93-10 |
| 143. <i>Hamamelis virginiana</i> L.  | 1980-93-10 |

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144. *Hamamelis virginiana* L.

145. *Parrotiopsis jacquemontiana* (Decne.) Rehder 84/720

**HIPPOCASTANACEAE**

146. *Aesculus parviflora* Walter

**HYDRANGEACEAE**

147. *Deutzia glauca* Cheng 2743-94-83

148. *Deutzia maximowicziana* Makino 1644-10-70

149. *Deutzia maximowicziana* Makino 2255-93-10

150. *Deutzia ningpoensis* Rehder 84180

151. *Philadelphus henryi* Koehne 1336-94-10

152. *Philadelphus chrenkii* Rupr. 1232-95-10

153. *Philadelphus incanus* Koehne 0280-06-10

154. *Philadelphus magdalenae* Koehne 1836-10-70

155. *Philadelphus microphyllus* A. Gray 124/81

156. *Philadelphus microphyllus* A. Gray 1837-10-70

157. *Philadelphus pekinensis* Rupr. 1412-94-70

158. *Philadelphus sericanthus* var. *kulingensis*  
(Koehne) Hand. – Mazz. 1385-92-70

159. *Philadelphus schrenkii* Rupr. 87323

160. *Philadelphus schrenkii* Rupr. 1327-05-70

161. *Philadelphus tenuifolius* Rupr. 1681-92-40

**JUGLANDACEAE**

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

**LAMIACEAE**

163. *Callicarpa japonica* Thunb.

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**LARDIZABALACEAE**

164. *Decaisnea fargesii* Franch.

165. *Sinofranchetia chinensis* (Franch.) Hemsl. 87167

**MAGNOLIACEAE**

166. *Liriodendron tulipifera* L.

167. *Magnolia grandiflora* L.

168. *Magnolia stellata* (Siebold & Zucc.) Maxim.

169. *Magnolia virginiana* L. 1393



☞ *Magnolia stellata* from the Nový Dvůr Arboretum (Polášková, 2020).

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**OLEACEAE**

|   |            |
|---|------------|
| 170. <i>Chionanthus retusus</i> Lindl. & Paxton | 266/79     |
| 171. <i>Forsythia giraldiana</i> Lingelsh.      |            |
| 172. <i>Ligustrum tchonoskii</i> Decne.         | 1385-93-40 |
| 173. <i>Syringa amurensis</i> Rupr.             | 1235-95-10 |
| 174. <i>Syringa debelderi</i> Clark et Fiala    | 90400      |
| 175. <i>Syringa patula</i> (Palib.) Nakai       | 0438-91-40 |
| 176. <i>Syringa patula</i> (Palib.) Nakai       | 0401-90-10 |
| 177. <i>Syringa reticulata</i> (Blume) Hara     | 0405-05-10 |
| 178. <i>Syringa villosa</i> Vahl                | 1600-10-70 |
| 179. <i>Syringa wolfii</i> C. K. Schneid.       | 0674-05-70 |
| 180. <i>Syringa wolfii</i> C. K. Schneid.       | 0104-10-70 |
| 181. <i>Syringa yuannanensis</i> Franch.        | 1514-10-70 |
| 182. <i>Syringa yuannanensis</i> Franch.        | 1935-10-70 |

**RANUNCULACEAE**

|  |            |
|--|------------|
| 183. <i>Clematis patens</i> C. Morren & Decne. | 0295-14-70 |
|--|------------|

**RHAMNACEAE**

|  |            |
|--|------------|
| 184. <i>Rhamnus citrifolius</i> (Weston) W. J. Hess & Stearn | 1139-92-40 |
|--|------------|

**ROSACEAE**

|   |            |
|---|------------|
| 185. <i>Amelanchier alnifolia</i> (Nutt.) Nutt. ex M. Roem. | 0867-92-10 |
| 186. <i>Amelanchier cusickii</i> Fernald                    | 207        |
| 187. <i>Amelanchier bartramiana</i> (Tausch.) M. Roem.      | 139/80     |
| 188. <i>Amelanchier bartramiana</i> (Tausch.) M. Roem.      | 1580       |
| 189. <i>Amelanchier bartramiana</i> (Tausch.) M. Roem.      | 12/82      |
| 190. <i>Amelanchier humilis</i> Wieg.                       | 138/80     |
| 191. <i>Amelanchier ovalis</i> Medik. ssp. <i>ovalis</i>    | 0179-92-10 |
| 192. <i>Amelanchier wiegandii</i> E. L. Nielsen             | 615/78     |
| 193. <i>Amelanchier spicata</i> (Lam.) K. Koch              | 698 H      |



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☞ *Amelanchier x grandiflora* 'Ballerina' from the Nový Dvůr Arboretum (Mücková, 2020).

|  |            |
|--|------------|
| 194. <i>Amygdalus nana</i> L.                                  | 90099      |
| 195. <i>Amygdalus nana</i> L.                                  | 90100      |
| 196. <i>Aronia melanocarpa</i> (Michx.) Elliott                | 150/78     |
| 197. <i>Aronia prunifolia</i> (Marsh.) Rehder                  | 1385       |
| 198. <i>Cotoneaster bradyi</i> E. C. Nelson & J. Fryer         | 0543-96-40 |
| 199. <i>Cotoneaster bullatus</i> Bois                          |            |
| 200. <i>Cotoneaster cochleatus</i> (Franch.) G. Klotz          | 0344-97-70 |
| 201. <i>Cotoneaster giraldii</i> Flinck & B. Hylmö ex G. Klotz | 1156-92-70 |
| 202. <i>Cotoneaster glomerulatus</i> W. W. Sm.                 | 0346-97-70 |
| 203. <i>Cotoneaster kullensis</i> B. Hylmö                     | 2388-96-40 |
| 204. <i>Cotoneaster otto-schwarzii</i> Klotz                   | 0886-95-70 |

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|   |                       |
|---|-----------------------|
| 205. <i>Cotoneaster roseus</i> Edgew.   |                       |
| 206. <i>Cotoneaster sikangensis</i> Flinck & B. Hylmö                           | 1164-92-40            |
| 207. <i>Cotoneaster villosulus</i> (Rehder & E. H. Wilson)<br>Flinck & B. Hylmö | 0943-96-70            |
| 208. <i>Cotoneaster zabelii</i> C. K. Schneid.                                  |                       |
| 209. <i>Crataegus calpodendron</i> (Ehrh.) Medik.                               | 17/75                 |
| 210. <i>Crataegus calycina</i> Peterm.  | 0541-94-10            |
| 211. <i>Crataegus douglasii</i> Lindl.  | 0354-92-10            |
| 212. <i>Crataegus chrysoarpa</i> Ashe   | 0649-96-10            |
| 213. <i>Crataegus maximowiczii</i> C. K. Schneid.                               | 1238-95-10            |
| 214. <i>Crataegus pedicellata</i> Sarg.   | 89236                 |
| 215. <i>Exochorda racemosa</i> (Lindl.) Rehder                                  |                       |
| 216. <i>Holodiscus discolor</i> (Nutt.) Maxim.                                  |                       |
| 217. <i>Malus domestica</i> Borkh.  | ‘Jadernička Valašska’ |
| 218. <i>Malus fusca</i> (Raf.) C. K. Schneid.                                   | 1989-92-10            |
| 219. <i>Malus floribunda</i> Siebold ex van Houtte                              | 3105-92-80            |
| 220. <i>Malus rockii</i> Rehder   | 3092-92-80            |
| 221. <i>Malus sieboldii</i> (Reg.) Rehder                                       | 1947-93-10            |
| 222. <i>Malus sylvestris</i> (L.) Mill.   | 1970-97-10            |
| 223. <i>Malus transitoria</i> (Batalin) C. K. Schneid.                          | 0507-14-80            |
| 224. <i>Malus pallasiana</i> Juz.   | 87311                 |
| 225. <i>Mespilus germanica</i> L.   |                       |
| 226. <i>Neillia affinis</i> Hemsl.  | 956                   |
| 227. <i>Prunus jamasakura</i> var. <i>humilis</i> Koidz.                        | 0988-91-70            |
| 228. <i>Prunus padus</i> L.   | 2558-92-10            |
| 229. <i>Prunus ssiori</i> F. Schmidt  |                       |
| 230. <i>Pyrus betulifolia</i> Bunge   | 626/84                |
| 231. <i>Prinsepia uniflora</i> Batalin  | 0060-10-70            |
| 232. <i>Rosa blanda</i> Aiton   | 0345-12-80            |
| 233. <i>Rosa davurica</i> Pall.   | 0492-08-10            |
| 234. <i>Rosa majalis</i> Herrm.   | 0558-93-10            |

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

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☞ *Prunus padus* from the Nový Dvůr Arboretum (Mücková, 2020)

|  |            |
|--|------------|
| 235. <i>Rosa maximowicziana</i> Regel.                 | 1512-95-40 |
| 236. <i>Rosa palustris</i> Marshall                    | 1553-92-10 |
| 237. <i>Rosa pendulina</i> L.                          | 1551-93-10 |
| 238. <i>Rosa rubiginosa</i> L.                         | 0548-92-10 |
| 239. <i>Rosa rugosa</i> Thunb.                         | 0174-89-10 |
| 240. <i>Rosa rugosa</i> Thunb.                         | 1891/74    |
| 241. <i>Rosa vosagiaca</i> Desportes                   | 0066-10-70 |
| 242. <i>Rosa villosa</i> L.                            | 1393-10-70 |
| 243. <i>Rosa woodsii</i> Lindl.                        | 0816-93-10 |
| 244. <i>Sorbaria sorbifolia</i> (L.) A. Braun          | 0480-95-10 |
| 245. <i>Sorbus alnifolia</i> (Siebold & Zucc.) C. Koch |            |
| 246. <i>Sorbus aria</i> (L.) Crantz                    | 0677-93-10 |
| 247. <i>Sorbus americana</i> Marshall                  | 1991-93-10 |
| 248. <i>Sorbus cashmiriana</i> Hedl.                   | 0716-92-40 |
| 249. <i>Sorbus decora</i> (Sarg.) C. K. Schneid.       | 1899-93-50 |

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

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|   |            |
|---|------------|
| 250. <i>Sorbus intermedia</i> (Ehrh.) Pers.                 | 1569-94-80 |
| 251. <i>Sorbus koehneana</i> C. K. Schneid.                 | 71/82      |
| 252. <i>Sorbus chamaemelispus</i> (L.) Crantz               | 88220      |
| 253. <i>Sorbus torminalis</i> (L.) Crantz                   | 0427-93-10 |
| 254. <i>Sorbus redliana</i> Karp.                           | 1152-94-40 |
| 255. <i>Sorbus subsimilis</i> Hedl.                         | 1287-93-10 |
| 256. <i>Sorbus sudetica</i> (Tausch.) Bluff, Nees & Schauer | 1663       |
| 257. <i>Spiraea densiflora</i> Nutt. ex Torr. & A. Gray     | 90725      |

**RUTACEAE**

258. *Ptelea trifoliata* L.  
259. *Poncirus trifoliata* (L.) Raf.

**SAPINDACEAE**

260. *Koelreuteria paniculata* Laxm.

**STAPHYLEACEAE**

261. *Staphylea colchica* Steven  
262. *Staphylea pinnata* L. 0530-91-10  
263. *Staphylea pinnata* L. 0048-91-10  
264. *Staphylea trifolia* L. 2247-92-50

**THEACEAE**

265. *Stewartia serrata* Maxim. 0051-99-70  
266. *Stewartia koreana* Nakai ex Rehder 485/79

**THYMELAEACEAE**

267. *Daphne mezereum* L.

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

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**ULMACEAE**

268. *Hemiptelea davidii* (Hance) Planch.

**VITACEAE**

269. *Ampelopsis brevipedunculata* (Maxim.) Trautv.

0545-14-80



☞ *Kerria japonica* from the Nový Dvůr Arboretum (Mücková, 2020)

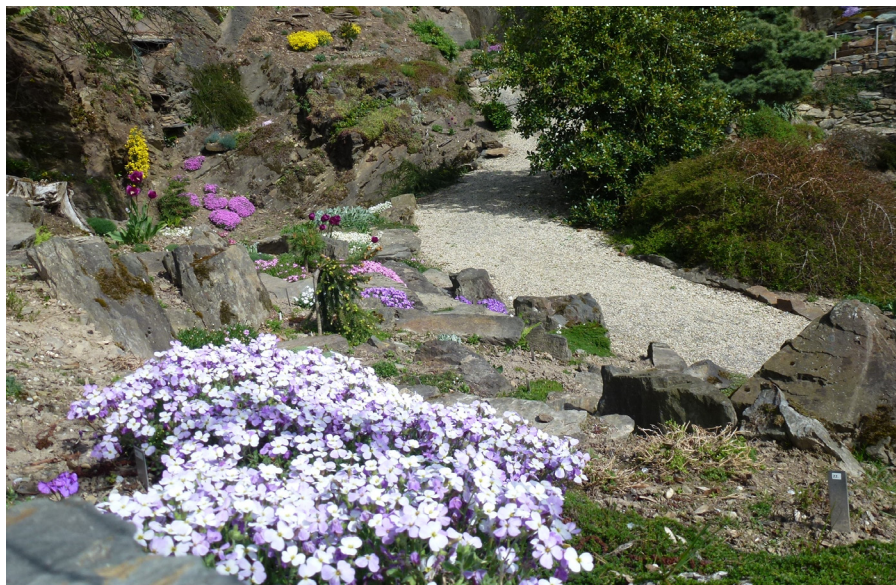


**Seeds and fruits collected from plants cultivated outdoors  
in the Nový Dvůr Arboretum**

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☞ *Prunus serrulata* 'Shirotae' from the Nový Dvůr Arboretum (Polášková, 2020)



☞ Alpinum from the Nový Dvůr Arboretum (Mücková, 2020)



## **AGREEMENT ON THE SUPPLY OF LIVING PLANT MATERIAL<sup>1</sup> 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<sup>2</sup>.
  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

<sup>1</sup> 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 IPEN covers only the exchange of living plant material (living plants or parts of plants, diaspores) thus falling in the definition of genetic resources.

<sup>2</sup> ideally, the national focal point in the garden's home country

## Desiderata 2020/2021

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### DESIDERATA 2020/2021

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|--|--|
| ARBORETUM NOVÝ DVŮR<br>SLEZSKÉ ZEMSKÉ MUZEUM<br>746 01 OPAVA<br>CZECH REPUBLIC | Contact Person, Institute & Your<br>Address: |
| E-mail: arboretum@szm.cz   | E-mail:<br>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:

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*Please, limit your order to **25 numbers** and return this signed form by **31th August 2021**. Warning: We only distribute seeds after receiving this form, signed and filled in, thank you.*



