



# INDEX SEMINUM

NOVODVORENSIS

50.



ARBORĚTUM NOVÝ DVŮR  
SLEZSKÉ ZEMSKÉ MUZEUM

2011/2012

**INDEX SEMINUM NOVODVORENSIS**  
**50.**  
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# **ARBORETUM NOVÝ DVŮR**



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

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## SEED COLLECTORS:

**Lenka Konečná**

**Vlastimila Kořínková**

## 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

<sup>\*)</sup> The picture from title page displays flowers of Winter Jasmine *Jasminum nudiflorum* Lindl. growing in the Arboretum Nový Dvůr (Lička, 3. 4. 2011)

## **HISTORY OF THE ARBORETUM NOVÝ DVŮR**

The Arboretum Nový Dvůr (AND) was found on the base of the original collection of woody plants of its founder Mr. Quido Riedel (1878 -1946) who established the park in English style inclusive of romantic elements around its 1,5 large landed estate and residency. The park was built up between the years of 1906 and 1928 when its founder gives over all his property to his daughter.

And so the park has still been maintained, but it is no more extended as for planting up to 1945. The family was turned out after the war and the abandoned property and park was managed by different administrators and organizations. The park in Nový Dvůr has been remaining without any maintenance up to 1957. At the time of research of parks in the region of Opava, the botanists from the Slezské zemské muzeum (Silesian Regional Museum) proposed to establish an arboretum resulting from the, at that time, well-preserved park.

The Arboretum Nový Dvůr was founded on January 1st, 1958 under the administration of the Silesian Regional Museum. An important sanitation began in February 1958 as for the air-raided woody plants and maintenance of the park.

After 1960, the AND develops in its premises programs for collections, research and educational programs, it establishes also a collection of herbariums, specialized groups of woody species and expert library. The AND enlarges also its collection in dendrology and makes it accessible for visitors all over the year and, step by step, the Arboretum Nový Dvůr builds up the premises of Arboretum with the silvicultural background, greenhouse and services for visitors into the form of today. The issue of the first Index Seminum has been dated since 1960.

## SEEDS COLLECTED IN THE ARBORETUM NOVÝ DVŮR

### GYMNOSPERMAE

#### CUPRESSACEAE

- |     |   |                  |            |
|-----|---|------------------|------------|
| 1.  | <i>Chamaecyparis lawsoniana</i> (A. Murray) Parl. | ‘Alumii’         |            |
| 2.  | <i>Chamaecyparis lawsoniana</i> (A. Murray) Parl. | ‘Lutea’          |            |
| 3.  | <i>Chamaecyparis lawsoniana</i> (A. Murray) Parl. |                  | 2155-92-10 |
| 4.  | <i>Chamaecyparis lawsoniana</i> (A. Murray) Parl. | ‘Fletcheri’      |            |
| 5.  | <i>Chamaecyparis lawsoniana</i> (A. Murray) Parl. | ‘Golden Wonder’  | 261/181    |
| 6.  | <i>Chamaecyparis lawsoniana</i> (A. Murray) Parl. | ‘Stewartii’      |            |
| 7.  | <i>Juniperus communis</i> L.                      |                  | 228/980    |
| 8.  | <i>Juniperus scopulorum</i> Sarg.                 |                  | 0636-96-10 |
| 9.  | <i>Microbiota decussata</i> Kom.                  |                  | 0941-91-10 |
| 10. | <i>Thuja occidentalis</i> L.                      | ‘Aurea Fertilis’ | 785/274    |
| 11. | <i>Thuja occidentalis</i> L.                      | ‘Aurea’          | 782/274    |
| 12. | <i>Thuja occidentalis</i> L.                      | ‘Buchananii’     | 784/274    |
| 13. | <i>Thuja occidentalis</i> L.                      | ‘Buchananii’     | 2260-98-80 |
| 14. | <i>Thuja occidentalis</i> L.                      | ‘Hoseri’         | 752/274    |
| 15. | <i>Thuja occidentalis</i> L.                      | ‘Pendula’        | 771/274    |

#### PINACEAE

- |     |   |               |            |
|-----|---|---------------|------------|
| 16. | <i>Abies koreana</i> E.H.Wilson   |               |            |
| 17. | <i>Abies koreana</i> E.H.Wilson   |               |            |
| 18. | <i>Abies lasiocarpa</i> Endl.   | ‘Green Globe’ | 2061-92-80 |
| 19. | <i>Larix gmelinii</i> (Rupr.) Kuzen.<br>subsp. <i>principis - ruprechtii</i> (Mayr)<br>Pilger |               | 0295-90-10 |
| 20. | <i>Larix laricina</i> (Du Roi) K.Koch   |               | 1539       |
| 21. | <i>Larix laricina</i> (Du Roi) K.Koch   |               | 1433       |

## Seeds collected in the Arboretum Nový Dvůr

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### **PINACEAE**

- |     |  |            |            |
|-----|--|------------|------------|
| 22. | <i>Picea abies</i> (Linnaeus) H. Karsten       | ‘Acrocona’ | 1542-94-80 |
| 23. | <i>Pinus jeffreyi</i> Grev. & Balf.            |            |            |
| 24. | <i>Pseudotsuga menziesii</i> (Mirb.)<br>Franco |            |            |
| 25. | <i>Tsuga canadensis</i> (L.) Carriere          |            |            |
| 26. | <i>Tsuga canadensis</i> (L.) Carriere          |            |            |
| 27. | <i>Tsuga canadensis</i> (L.) Carriere          | ‘Pendula’  |            |
| 28. | <i>Tsuga caroliniana</i> Engelmann             |            |            |
| 29. | <i>Tsuga diversifolia</i> (Maxim.) Mast.       |            |            |
| 30. | <i>Tsuga mertensiana</i> Sarg.                 |            |            |

### **TAXACEAE**

- |     |                             |                      |            |
|-----|-----------------------------|----------------------|------------|
| 31. | <i>Taxus baccata</i> L.     |                      | 0679-93-10 |
| 32. | <i>Taxus baccata</i> L.     | ‘Kordes’             | 3067-96-80 |
| 33. | <i>Taxus baccata</i> L.     | ‘Melfard’            | 607/1183   |
| 34. | <i>Taxus baccata</i> L.     | ‘Repandens<br>Aurea’ | 613/1183   |
| 35. | <i>Taxus x media</i> Rehder | ‘Compacta’           | 474/582    |
| 36. | <i>Taxus x media</i> Rehder | ‘Thayerae’           | 527/1182   |

### **TAXODIACEAE**

- |     |                                   |  |            |
|-----|-----------------------------------|--|------------|
| 37. | <i>Cryptomeria japonica</i> D.Don |  | 1201-96-10 |
| 38. | <i>Cryptomeria japonica</i> D.Don |  |            |

**Seeds collected in the Arboretum Nový Dvůr**

<b>ANGIOSPERMAE</b>			
<b>ACERACEAE</b>			
39.	<i>Acer campestre</i> L.	‘Red Shine’	3373-96-80
40.	<i>Acer campestre</i> L.	‘Royal Ruby’	3374-96-80
41.	<i>Acer circinatum</i> Pursh		1970-92-10
42.	<i>Acer circinatum</i> Pursh		1993-93-10
43.	<i>Acer ginnala</i> Maxim.		1923-93-10
44.	<i>Acer mandschuricum</i> Maxim.		
45.	<i>Acer mandschuricum</i> Maxim.		
46.	<i>Acer micranthum</i> Siebold & Zucc.	‘Candelabrum’	3378-96-80
47.	<i>Acer negundo</i> L. var. <i>violaceum</i> (Kirchn.) Jäger		2255-96-80
48.	<i>Acer opalus</i> Mill. var. <i>tomentosum</i> (Tausch.) Rehd.		
49.	<i>Acer palmatum</i> Thunb.	‘Atropurpureum’	
50.	<i>Acer palmatum</i> Thunb.	‘Sumi nagashi’	0505-96-70
51.	<i>Acer platanoides</i> L.		
52.	<i>Acer pseudoplatanus</i> L.	‘Purpureum’	
53.	<i>Acer rufinerve</i> Siebold & Zucc.		910
54.	<i>Acer spicatum</i> Lam.		2883-92-10
55.	<i>Acer tataricum</i> L.		
56.	<i>Acer tataricum</i> L.		2164-94-10
<b>AQUIFOLIACEAE</b>			
57.	<i>Ilex aquifolium</i> L.		
58.	<i>Ilex aquifolium</i> L.	‘Fructu Aurantiaca’	2472-96-80
59.	<i>Ilex crenata</i> var. <i>paludosa</i> (Nakai) H. Hara		0614-91-70
60.	<i>Ilex verticillata</i> A. Gray		186172
61.	<i>Ilex x aquipernyi</i> Gable ex Whittem.		88192



Obr. 1: Red flowering form of Witchhazel *Hamamelis x intermedia* Rehd. 'Diane' from the Arboretum Nový Dvůr (Lička, 13. 3. 2011)



## Seeds collected in the Arboretum Nový Dvůr

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### ARALIACEAE

- |     |  |            |
|-----|--|------------|
| 62. | <i>Acanthopanax sieboldianus</i><br>Makino | 88162      |
| 63. | <i>Acanthopanax setchuenensis</i><br>Harms | 1339-96-10 |
| 64. | <i>Aralia chinensis</i> L.                 | 0305-91-70 |
| 65. | <i>Eleutherococcus henryi</i> Oliv.        |            |

### BERBERIDACEAE

- |     |  |            |
|-----|--|------------|
| 66. | <i>Berberis aggregata</i> C.K.Schneid. | 0115-98-40 |
| 67. | <i>Berberis brachypoda</i> Maxim.      | 2056-94-40 |
| 68. | <i>Berberis cavaleriei</i> H. Léveillé | 0764-00-70 |
| 69. | <i>Berberis thunbergii</i> DC. 'Aurea' | 88502      |
| 70. | <i>Berberis vulgaris</i> L.            | 1194-94-10 |
| 71. | <i>Berberis vulgaris</i> L.            | 0166-92-10 |

### BETULACEAE

- |     |   |            |
|-----|---|------------|
| 72. | <i>Alnus firma</i> Siebold & Zucc. var.<br><i>hirtella</i> Franch. & Sav. | 2098-92-10 |
| 73. | <i>Alnus fruticosa</i> Rupr.  | 0623-91-10 |
| 74. | <i>Alnus hirsuta</i> Turcz.   | 0436-94-10 |
| 75. | <i>Alnus japonica</i> Siebold & Zucc.                                     | 2001-92-10 |
| 76. | <i>Alnus kamtschatica</i> (Call.) Kom.                                    | 0823-91-10 |
| 77. | <i>Alnus mandschurica</i> (Callier)<br>Hand.-Mazz.                        | 1211-95-10 |
| 78. | <i>Alnus maritima</i> (Marshall) Nutt.                                    | 87531      |
| 79. | <i>Alnus rugosa</i> Hort. ex Regel  | 90162      |
| 80. | <i>Alnus rugosa</i> Hort. ex Regel  | 0113-92-10 |
| 81. | <i>Alnus sinuata</i> (Regel) Rydb.  | 0809-91-10 |
| 82. | <i>Alnus trabeculosa</i> Hand.-Mazz.                                      | 0303-91-70 |
| 83. | <i>Betula concinna</i> Gunnarsson   | 1734-92-10 |
| 84. | <i>Betula grossa</i> Siebold & Zucc.                                      | 0663-91-10 |
| 85. | <i>Betula humilis</i> Schrank.  | 81/74      |
| 86. | <i>Betula humilis</i> Schrank.  | 84/78      |
| 87. | <i>Betula jacquemontii</i> Spach  |            |
| 88. | <i>Betula lenta</i> L.  | 190624     |

**Seeds collected in the Arboretum Nový Dvůr**

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**BETULACEAE**

89.	<i>Betula ovalifolia</i> Rupr.	0794-91-40
90.	<i>Betula oycoviensis</i> Besser	1501
91.	<i>Betula paishanensis</i> Nakai	0677-91-10
92.	<i>Betula papyrifera</i> Marshall	0346-92-10
93.	<i>Betula papyrifera</i> Marshall	2889-92-10
94.	<i>Betula populifolia</i> Marshall	1589

**CAPRIFOLIACEAE**

95.	<i>Kolkwitzia amabilis</i> Graebn.	0078-94-40
96.	<i>Lonicera alpigena</i> L.	0673-93-10
97.	<i>Lonicera maackii</i> (Rupr.) Herder	0079-94-40
98.	<i>Lonicera periclymenum</i> L.	0044-94-50
99.	<i>Lonicera subhispida</i> Nakai	0998-93-70
100.	<i>Lonicera tatarica</i> L.	'Hack's Red' 2830-96-80
101.	<i>Lonicera x xylosteoides</i> Tausch	0966-93-70
102.	<i>Lonicera xylosteum</i> L.	2287-92-10
103.	<i>Sambucus nigra</i> L.	'Laciniata' 2846-96-80
104.	<i>Sambucus nigra</i> L.	'Margarita' 2845-96-80
105.	<i>Sambucus nigra</i> L.	'Purpurea' 2646-93-80
106.	<i>Sambucus racemosa</i> L. f. <i>aureocarpa</i> Hara	90525
107.	<i>Symphoricarpos x chenaultii</i> Rehder	0388-95-80
108.	<i>Symphoricarpos oreophilus</i> A. Gray var. <i>utahensis</i> (Rydb.) A. Nelson	2108-96-10
109.	<i>Viburnum alnifolium</i> Marshall	756/78
110.	<i>Viburnum carlesii</i> Hemsl. ex Forb. & Hemsl.	
111.	<i>Viburnum cassinoides</i> L.	0497-91-10
112.	<i>Viburnum cassinoides</i> L.	0699-91-10
113.	<i>Viburnum dilatatum</i> Thunb.	
114.	<i>Viburnum hupehense</i> Rehder	185/78
115.	<i>Viburnum lantana</i> L.	1318-93-10
116.	<i>Viburnum lentago</i> L.	1995
117.	<i>Viburnum opulus</i> L.	441/78



Obr. 2: Sulfur-yellow flowering form of Chinese Witchhazel *Hamamelis mollis* Oliv. 'Pallida' from the Arboretum Nový Dvůr (Lička, 13. 3. 2011)

## Seeds collected in the Arboretum Nový Dvůr

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### CAPRIFOLIACEAE

- |      |  |            |
|------|--|------------|
| 118. | <i>Viburnum opulus</i> L.<br>var. <i>caluescens</i> (Rehd.) Hara | 1259-96-10 |
| 119. | <i>Viburnum prunifolium</i> L.                                   | 2606-93-10 |
| 120. | <i>Viburnum rhytidophyllum</i> Hemsl.                            |            |
| 121. | <i>Viburnum sargentii</i> Koehne                                 | 1476-93-10 |
| 122. | <i>Viburnum wrightii</i> Miq.                                    | 1377-93-40 |
| 123. | <i>Viburnum wrightii</i> Miq.                                    | 1294-94-10 |

### CELASTRACEAE

- |      |  |                  |            |
|------|--|------------------|------------|
| 124. | <i>Euonymus alatus</i> (Thunb.) Sieb.                                  | 'Compactus'      | 0976-98-80 |
| 125. | <i>Euonymus europaeus</i> L. var.<br><i>angustifolius</i> K. F. Schulz |                  | 390/80     |
| 126. | <i>Euonymus fortunei</i> (Turcz.)<br>Hand.-Mazz.                       | 'Gracilis'       |            |
| 127. | <i>Euonymus japonicus</i> Thunb.                                       | 'Albomarginatus' |            |
| 128. | <i>Euonymus phellomanus</i> Loes.                                      |                  |            |
| 129. | <i>Euonymus sieboldianus</i> Blume                                     |                  | 1516-94-40 |

### CERCIDIPHYLLACEAE

- |      |  |  |
|------|--|--|
| 130. | <i>Cercidiphyllum japonicum</i> Siebold<br>& Zucc. |  |
|------|--|--|

### CORNACEAE

- |      |  |               |            |
|------|--|---------------|------------|
| 131. | <i>Cornus alba</i> L.  | 'Rosenthalii' | 3055-91-80 |
| 132. | <i>Cornus alba</i> L.  | 'Spaethii'    |            |
| 133. | <i>Cornus alternifolia</i> L.f.                              |               | 1272-93-10 |
| 134. | <i>Cornus amomum</i> Mill. var.<br><i>undulifolia</i> Koehne |               | 84708      |
| 135. | <i>Cornus amonum</i> Mill.                                   |               | 1555       |
| 136. | <i>Cornus drummondii</i> C. A. Mey                           |               | 1548-92-10 |
| 137. | <i>Cornus dunbarii</i> Rehder                                |               | 449/84     |

## Seeds collected in the Arboretum Nový Dvůr

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### CORNACEAE

- |      |   |            |
|------|---|------------|
| 138. | <i>Cornus kousa</i> Bürger ex Miq.<br>subsp. <i>chinensis</i> (Osborn)<br>Q.Y.Xiang | 90/68      |
| 139. | <i>Cornus kousa</i> Bürger ex Miq.<br>subsp. <i>kousa</i>                           |            |
| 140. | <i>Cornus mas</i> L.  |            |
| 141. | <i>Cornus mas</i> L.  | 1858-93-10 |
| 142. | <i>Cornus mas</i> L. 'Variegata'  | 2511-93-80 |
| 143. | <i>Cornus sanguinea</i> L.  | 1331       |

### CORYLACEAE

- |      |                                    |            |
|------|------------------------------------|------------|
| 144. | <i>Carpinus caroliniana</i> Walter | 1271-93-10 |
| 145. | <i>Carpinus caroliniana</i> Walter | 1974-93-10 |
| 146. | <i>Carpinus shensiensis</i> Hu     | 3399-96-80 |
| 147. | <i>Ostrya virginiana</i> K. Koch   | 185219     |

### CUCURBITACEAE

- |      |                        |  |
|------|------------------------|--|
| 148. | <i>Bryonia alba</i> L. |  |
|------|------------------------|--|

### ERICACEAE

- |      |   |            |
|------|---|------------|
| 149. | <i>Enkianthus cernuus</i> var. <i>rubens</i><br>(Maxim.) Mak. | 85005      |
| 150. | <i>Gaultheria shallon</i> Pursh                               | 57-89-10   |
| 151. | <i>Gaylussacia baccata</i> (Wangh.)<br>K.Koch                 | 85010      |
| 152. | <i>Kalmia angustifolia</i> L.                                 |            |
| 153. | <i>Kalmia latifolia</i> L.                                    | 0480-90-70 |
| 154. | <i>Lyonia mariana</i> D.Don                                   | 85018      |
| 155. | <i>Oxydendrum arboreum</i> DC.                                |            |
| 156. | <i>Vaccinium vitis - idaea</i> L.                             |            |

### EUPHORBIACEAE

- |      |  |  |
|------|--|--|
| 157. | <i>Securinega suffruticosa</i> (Pall.)<br>Rehder |  |
|------|--|--|



Obr. 3: Pink-tinged flowers of Korean Abeliophyllum *Abeliophyllum distichum* Nak. from the Arboretum Nový Dvůr (Ptáčková, 31. 3. 2011)

## Seeds collected in the Arboretum Nový Dvůr

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### FABACEAE

158.	<i>Amorpha fruticosa</i> L.		299/84
159.	<i>Caragana manshurica</i> (Komarov) Komarov		0855-91-40
160.	<i>Caragana turkestanica</i> Kom.		0907-98-40
161.	<i>Cercis canadensis</i> L.		
162.	<i>Cytisus purpureus</i> Scop.	‘Erectus’	1883-96-80
163.	<i>Cytisus x praecox</i> Bean.	‘Allgold’	3050-94-83
164.	<i>Genista pilosa</i> L.	‘Lemon Spreader’	3409-96-80
165.	<i>Laburnocytisus adamii</i> (Poit.) Schneid.		2202-96-80
166.	<i>Laburnocytisus adamii</i> (Poit.) Schneid.		1871-94-80
167.	<i>Laburnum x watereri</i> (Kirchn.) Dipp.		87378
168.	<i>Spartium junceum</i> L.		

### FAGACEAE

169.	<i>Fagus sylvatica</i> L.		
170.	<i>Quercus petraea</i> (Mattuschka) Liebl.	‘Pungens’	2216-96-80
171.	<i>Quercus robur</i> L.	‘Fastigiata’	
172.	<i>Quercus rubra</i> L.		

### HAMAMELIDACEAE

173.	<i>Hamamelis japonica</i> Siebold & Zucc.		274/78
174.	<i>Hamamelis japonica</i> Siebold & Zucc.		18/30
175.	<i>Hamamelis japonica</i> Siebold & Zucc.	‘Rubra’	94 F
176.	<i>Hamamelis mollis</i> Oliv. ex Forb. & Hemsl.		
177.	<i>Hamamelis vernalis</i> Sarg.		47/77

## Seeds collected in the Arboretum Nový Dvůr

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### HAMAMELIDACEAE

- |      |                                      |                     |            |
|------|--------------------------------------|---------------------|------------|
| 178. | <i>Hamamelis vernalis</i> Sarg.      | 'Lombart's Weeping' |            |
| 179. | <i>Hamamelis virginiana</i> L.       |                     |            |
| 180. | <i>Hamamelis virginiana</i> L.       |                     | 906 D      |
| 181. | <i>Hamamelis virginiana</i> L.       |                     | 0490-93-10 |
| 182. | <i>Hamamelis virginiana</i> L.       |                     | 18/31      |
| 183. | <i>Hamamelis x intermedia</i> Rehder | 'Feuerzauber'       | 46/82      |
| 184. | <i>Hamamelis x intermedia</i> Rehder | 'Diana'             | 0710-95-80 |
| 185. | <i>Hamamelis x intermedia</i> Rehder | 'Orange Beauty'     | 516/78     |
| 186. | <i>Hamamelis x intermedia</i>        | 'Ruby Glow'         | 18/12      |

### HIPPOCASTANACEAE

- |      |                                   |  |  |
|------|-----------------------------------|--|--|
| 187. | <i>Aesculus parviflora</i> Walter |  |  |
|------|-----------------------------------|--|--|

### HYDRANGEACEAE

- |      |  |  |            |
|------|--|--|------------|
| 188. | <i>Deutzia glauca</i> Cheng                                    |  | 84179      |
| 189. | <i>Deutzia ningpoensis</i> Rehder                              |  | 84180      |
| 190. | <i>Hydrangea arborescens</i> L.                                |  | 1545-96-10 |
| 191. | <i>Hydrangea paniculata</i> Siebold                            |  | 1423-99-80 |
| 192. | <i>Hydrangea paniculata</i> Siebold                            |  | 86170      |
| 193. | <i>Philadelphus microphyllus</i> Gray<br>var. <i>sargentii</i> |  | 124/81     |

### LARDIZABELACEAE

- |      |  |  |       |
|------|--|--|-------|
| 194. | <i>Sinofranchetia chinensis</i> Hemsl. |  | 87168 |
|------|--|--|-------|

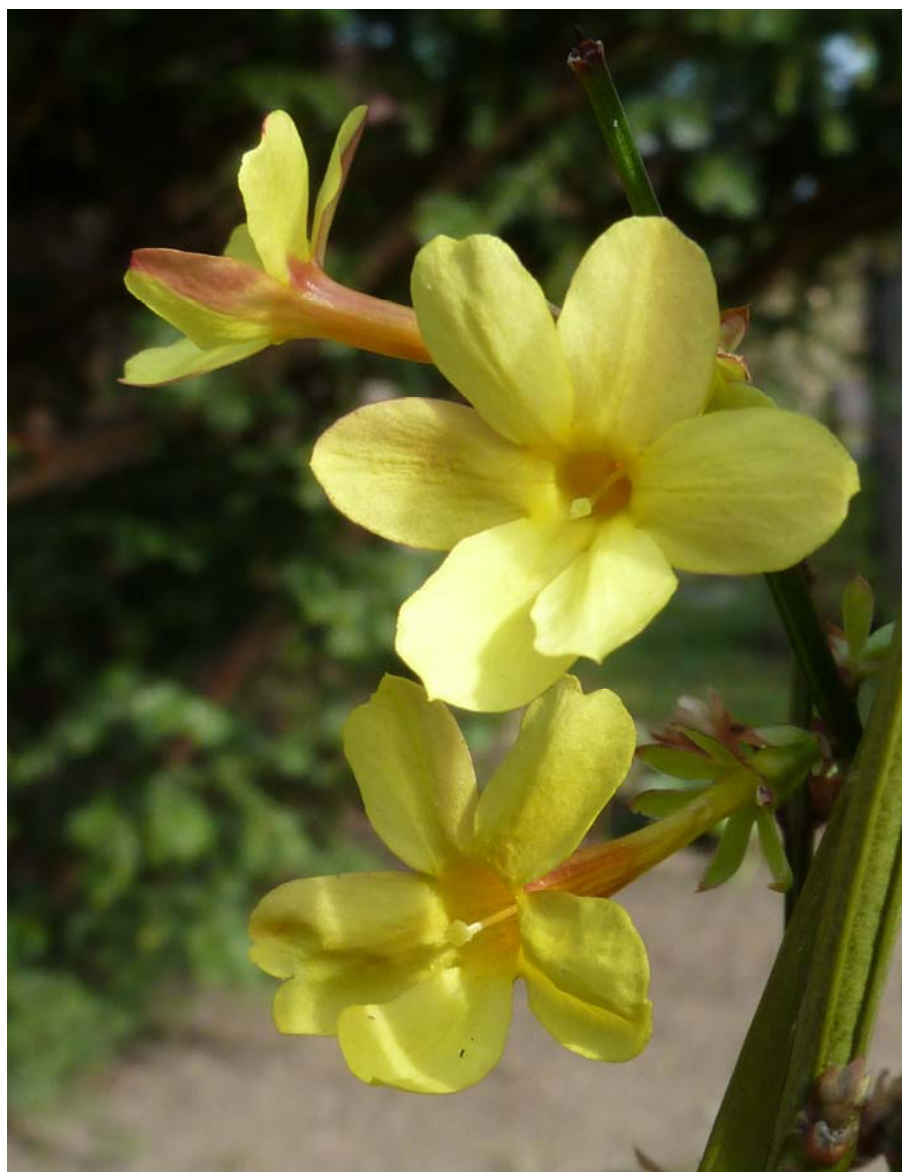
### MAGNOLIACEAE

- |      |                                   |  |  |
|------|-----------------------------------|--|--|
| 195. | <i>Liriodendron tulipifera</i> L. |  |  |
| 196. | <i>Magnolia grandiflora</i> L.    |  |  |

### MORACEAE

- |      |                       |  |            |
|------|-----------------------|--|------------|
| 197. | <i>Morus rubra</i> L. |  | 1549-92-10 |
|------|-----------------------|--|------------|





Obr. 4: Bright yellow flowers of Winter Jasmine *Jasminum nudiflorum* Lindl. from the Arboretum Nový Dvůr (Lička, 3. 4. 2011)

## Seeds collected in the Arboretum Nový Dvůr

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### OLEACEAE

- |      |                                       |            |
|------|---------------------------------------|------------|
| 198. | <i>Ligustrum tschonoskii</i> Decne.   | 1385-93-40 |
| 199. | <i>Syringa amurensis</i> Rupr.        | 1235-95-10 |
| 200. | <i>Syringa pekinensis</i> Rupr.       |            |
| 201. | <i>Syringa tigerstedtii</i> Harry Sm. | 0463-96-40 |

### RHAMNACEAE

- |      |  |            |
|------|--|------------|
| 202. | <i>Rhamnella franguloides</i><br>Weberbauer.             | 87164      |
| 203. | <i>Rhamnus alpinus</i> L. ssp. <i>fallax</i><br>(Boiss.) | 79/79      |
| 204. | <i>Rhamnus citrifolia</i> (Weston)<br>W.J.Hess & Stearn  | 1139-92-40 |

### ROSACEAE

- |      |  |            |
|------|--|------------|
| 205. | <i>Amelanchier bartramiana</i><br>(Tausch) M. Roem.        | 139/80     |
| 206. | <i>Amelanchier ovalis</i> Medik.                           | 0179-92-10 |
| 207. | <i>Amygdalus nana</i> L.                                   | 900/99     |
| 208. | <i>Aronia arbutifolia</i> (L.) Pers.                       | 85079      |
| 209. | <i>Aronia melanocarpa</i> (Michx.) Ell.                    | 150/78     |
| 210. | <i>Aronia prunifolia</i> (Marshall)<br>Rehder              | 1385       |
| 211. | <i>Cotoneaster boisianus</i> G.Klotz                       | 0343-97-70 |
| 212. | <i>Cotoneaster dielsianus</i> E.Pritz. Ex<br>Diels         | 2093-94-40 |
| 213. | <i>Cotoneaster giraldii</i> Flink &<br>B.Hylmö ex G. Klotz | 1156-92-70 |
| 214. | <i>Cotoneaster horizontalis</i> Decne.                     | 1641-97-10 |
| 215. | <i>Cotoneaster insculptus</i> Diels                        | 1158-92-70 |
| 216. | <i>Cotoneaster multiflorus</i> C.A.Mey                     |            |
| 217. | <i>Cotoneaster otto-schwarzii</i> G.<br>Klotz              | 0886-95-70 |
| 218. | <i>Cotoneaster procumbens</i> G. Klotz                     | 0887-95-70 |
| 219. | <i>Cotoneaster scandinavicus</i> B.<br>Hylmö               | 0875-95-10 |

**Seeds collected in the Arboretum Nový Dvůr**

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<b>ROSACEAE</b>		
220.	<i>Cotoneaster</i> sp.	0556-96-40
221.	<i>Cotoneaster</i> sp. nov.	1520-94-40
222.	<i>Crataegus calpodendron</i> (Ehrh.) Med.	17/75
223.	<i>Crataegus calycina</i> Peterm.	0541-94-10
224.	<i>Crataegus douglasii</i> Lindl.	0354-92-10
225.	<i>Crataegus maximowiczii</i> C.K.Schneid.	1238-95-10
226.	<i>Crataegus pedicellata</i> Sarg.	1279-93-10
227.	<i>Exochorda racemosa</i> (Lindl.) Rehder	
228.	<i>Chaenomeles japonica</i> (Sweet) Nakai	‘Red Ruffles’ 1355-96-80
229.	<i>Chaenomeles speciosa</i> (Sweet) Nakai	‘Brilliant’ 3118-96-80
230.	<i>Chaenomeles speciosa</i> (Sweet) Nakai	‘Nivalis’ 3117-96-80
231.	<i>Chaenomeles</i> × <i>superba</i> Rehd.	‘Knaphill Scarlet’ 1356-96-80
232.	<i>Malus coronaria</i> (L.) Mill.	1711-92-10
233.	<i>Malus domestica</i> Borkh.	‘Jadernička valašská’
234.	<i>Malus sargentii</i> Rehder	85267
235.	<i>Malus sieboldii</i> Rehder	1947-93-10
236.	<i>Malus toringoides</i> (Rehder) Hughes	0527-98-10
237.	<i>Mespilus germanica</i> L.	
238.	<i>Padus virginiana</i> (L.) Borkh. non Mill.	0868-92-10
239.	<i>Padus virginiana</i> var. <i>demissa</i> (Torr. & Gray) Torr.	2005-93-10
240.	<i>Photinia villosa</i> DC.	639 CH
241.	<i>Physocarpus opulifolius</i> (L.) Maxim.	1373-92-10
242.	<i>Physocarpus opulifolius</i> (L.) Maxim.	‘Dart’s Gold’ 1933-97-80
243.	<i>Prinsepia uniflora</i> Batalin	



Obr. 5: Creamy white flowers of Winter Honeysuckle *Lonicera fragrantissima* Lindl. & Paxt. (Ptáčková, 1. 4. 2011)

## Seeds collected in the Arboretum Nový Dvůr

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<b>ROSACEAE</b>	
244. <i>Prunus spinosissima</i> (Bge.) Franch.	0771-92-50
245. <i>Prunus ssiori</i> F.Schmidt	1518-92-10
246. <i>Pyrus salicifolia</i> Balb.	
247. <i>Rhodotypos scandens</i> (Thunb.) Mak.	62/83
248. <i>Rosa acicularis</i> Lindl.	0612-92-10
249. <i>Rosa majalis</i> Herrm.	0558-93-10
250. <i>Rosa maximowicziana</i> Regel	1512-95-40
251. <i>Rosa micrantha</i> Borrer	1664-96-40
252. <i>Rosa mollis</i> Sm.	0230-93-10
253. <i>Rosa montana</i> DC.	1367-93-10
254. <i>Rosa pisocarpa</i> A. Gray	2007-93-10
255. <i>Rosa rubiginosa</i> L.	0548-92-10
256. <i>Rosa rubrifolia</i> Rupr. Ex Boiss.	
257. <i>Rosa rugosa</i> Thunb.	0174-89-10
258. <i>Rosa</i> sp.	1571-92-10
259. <i>Rosa tomentosa</i> Sm.	0426-93-10
260. <i>Rosa virginiana</i> Mill.	1471-93-50
261. <i>Sorbaria sorbifolia</i> (L.) A. Br. Strauch	0480-95-10
262. <i>Sorbaria sorbifolia</i> (L.) A. Br. Strauch	0479-95-10
263. <i>Sorbus</i> 'Tundra'	1501-89-70
264. <i>Sorbus americana</i> Marshall	1991-93-10
265. <i>Sorbus americana</i> Marshall ssp. <i>japonica</i>	2036-94-10
266. <i>Sorbus aria</i> (L.) Crantz	0185-92-10
267. <i>Sorbus aria</i> (L.) Crantz	0677-93-10
268. <i>Sorbus austriaca</i> Hedl.	0619-93-10
269. <i>Sorbus cashmiriana</i> Hedl.	0716-92-40
270. <i>Sorbus forrestii</i> McAll. & Gillham	2115-94-40
271. <i>Sorbus gonggashanica</i> McAll.	0577-96-40

## Seeds collected in the Arboretum Nový Dvůr

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<b>ROSACEAE</b>		
272.	<i>Sorbus chamaemespilus</i> (L.) Crantz	'Magland Flaine' 88220
273.	<i>Sorbus microphylla</i> Wenz.	2178-93-40
274.	<i>Sorbus sambucifolia</i> M. Roem.	0839-91-10
275.	<i>Sorbus subsimilis</i> Hedlund.	1287-93-10
276.	<i>Sorbus sudetica</i> (Tausch.) Bluff, Nees & Schauer	1863
277.	<i>Sorbus turcica</i> Zinserl.	1494-96-40
278.	<i>Spiraea betulifolia</i> Pall.	1187-95-10
279.	<i>Spiraea densiflora</i> Nutt. Ex Rydb. ssp. <i>densiflora</i>	1817-94-80
280.	<i>Spiraea densiflora</i> Nutt. Ex Rydb. ssp. <i>densiflora</i>	90725
281.	<i>Spiraea chamaedryfolia</i> L.	1243-95-10
282.	<i>Spiraea japonica</i> L.	'Gold Flame' 88385
<b>RUBIACEAE</b>		
283.	<i>Cephalanthus occidentalis</i> L.	0115-92-10
<b>RUTACEAE</b>		
284.	<i>Orixa japonica</i> Thunb.	90378
285.	<i>Phellodendron amurense</i> Rupr.	
286.	<i>Poncirus trifoliata</i> (L.) Raf.	
<b>SALICACEAE</b>		
287.	<i>Salix pentandra</i> L.	0641-95-10
<b>STAPHYLEACEAE</b>		
288.	<i>Staphylea colchica</i> Steven	
289.	<i>Staphylea pinnata</i> L.	0047-91-10
290.	<i>Staphylea pinnata</i> L.	0530-91-10
<b>THEACEAE</b>		
291.	<i>Stewartia pseudocamellia</i> Maxim.	90050



Obr. 6: Yellow flowers of European Cornel ***Cornus mas*** L. from the Arboretum Nový Dvůr (Lička, 3. 4. 2011)



Obr. 7: Redish purple flowers of Katsuratree ***Cercidiphyllum japonicum*** Sieb. & Zucc. from the Arboretum Nový Dvůr (Ptáčková, 8. 4. 2011)

## Seeds collected in the Arboretum Nový Dvůr

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### THYMELAEACEAE

292. *Daphne pontica* L. 0333-91-70

### TILIACEAE

293. *Tilia oliveri* Szyszyl. 745/78  
294. *Tilia platyphyllos* Scop. 'Laciniata' 2052-92-80  
295. *Tilia platyphyllos* Scop. 'Rubra' 621/80

### ULMACEAE

296. *Hemiptelea davidii* (Hance) Planch. 0211-85-10  
297. *Ulmus davidiana* Planch. var. *japonica* (Rehd.) Nakai 1328-94-10  
298. *Ulmus parvifolia* Jacq. 0330-91-70  
299. *Zelkova carpiniifolia* Dippel 342

### VERBENACEAE

300. *Callicarpa japonica* Thunb.

## WARNING – IMPORTANT NOTICE

- Electronic version of INDEX SEMINUM 2011/2012 is also downloadable from our website: <http://www.szmo.cz>
- Having any problem with opening this file please ask for hard copy of IS at the post address: ARBORETUM NOVÝ DVŮR, SLEZSKÉ ZEMSKÉ MUZEUM, 746 01 OPAVA, CZECH REPUBLIC.
- Please fill in a form of DESIDERATA 2011/2012 in full details.





Obr. 8: Rosy purple flowers of Mezereon *Daphne mezereum* L. from the Arboretum Nový Dvůr (Lička, 13. 3. 2011)

## **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 2011/2012**

<p><b>ARBORETUM NOVÝ DVŮR</b>  <b>SLEZSKÉ ZEMSKÉ MUZEUM</b>  <b>746 01 OPAVA</b>  <b>CZECH REPUBLIC</b></p> <p>E-mail: <a href="mailto:arboretum@szmo.cz">arboretum@szmo.cz</a>                  Phone: <b>+420553661031</b></p>	<p>Contact Person, Institute &amp; Your Address:</p>          <p>E-mail:                  Phone:</p>
<p><i>In response to the International Convention of Biological Diversity (Rio de Janeiro, 1992), the Arboretum Nový Dvůr supplies the seed collections requested on the condition that:</i></p> <ol style="list-style-type: none"> <li>1. <i>They used for common good in the areas of research, trailing, breeding, education and the development of public botanic gardens.</i></li> <li>2. <i>If the recipient seeks to commercialise the genetic material, its products or research derived from it, then permission must be sought from the Arboretum Novy Dvur. Such commercialization will be subject to a separate agreement.</i></li> <li>3. <i>The genetic material, its products or research derived from it are not passed to a third party for commercialization without written permission from the Arboretum Novy Dvur.</i></li> </ol> <p><i>I agree to comply with the conditions above.</i></p>          <p>Date, Signature: <span style="margin-left: 200px;">Stamp:</span></p>	

**Your seed order:**


**Please, limit your order to 25 numbers and return this signed form by 31th August 2012. Warning: We only distribute seeds after receiving this form, signed and filled in, thank you.**

