SLEZSKÉ ZEMSKÉ MUZEUM

INDEX SEMINUM NOVODVORENSIS 63.

ARBORETUM NOVÝ DVŮR

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CZECH REPUBLIC

2024/2025

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ARBORETUM NOVÝ DVŮR

SLEZSKÉ ZEMSKÉ MUZEUM
ARBORETUM NOVÝ DVŮR
NOVÝ DVŮR 29
746 01 STĚBOŘICE
CZECH REPUBLIC

WEB: www.szm.cz
E-MAIL: arboretum@szm.cz

LEADERSHIP:
Mgr. Jana Horáková
Museum Director
Rostislav Šindler
Head of the Nový Dvůr Arboretum

EDITORS:
Ing. Markéta Urbanová
Curator

SEED COLLECTORS:
Tereza Gintarová
Lucie Pospiech Chalupová
Jitka Janošková
Lenka Konečná
Vladislava Krahulcová
Petra Němčíková
Květoslava Pešková
Žaneta Sukopová
Petr Štelar

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 *Holodiscus discolor* from the Nový Dvůr Arboretum (Urbanová, 2024)

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) 5consists 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^2, 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 Novodvorensis has been dated since 1960.

View of Nový Dvůr manor house from years 1914–1920

GYMNOSPERMAE

CUPRESSACEAE

1.	*Juniperus communis* L.	228/980

PINACEAE

2.	*Larix gmelinii* var. *principis – rupprechtii* (Mayr) Pilg.	0295-90-10
3.	*Larix kaempferi* (Lamb.) Carrière	1448-94-10
4.	*Larix laricina* (Du Roi) K. Koch	1433
5.	*Larix maritima* Sukaczev	85120
6.	*Larix sibirica* Ledeb.	695/78
7.	*Picea koraiensis* Nakai	0299-90-10
8.	*Picea meyeri* Rehder & E.H.Wilson	89023
9.	*Pinus sylvestris* L.	0648-00-10
10.	*Tsuga caroliniana* Engelm.	
11.	*Tsuga heterophylla* Sarg.	0113-91-70

TAXACEAE

12.	*Taxus canadensis* Marshall	25/81
13.	*Taxus cuspidata* Siebold & Zucc.	322/79
14.	*Torreya californica* Torr.	1215-96-80

TAXODIACEAE

15.	*Cryptomeria japonica* D. Don	
16.	*Cryptomeria japonica* D. Don	90292
17.	*Sequoiadendron giganteum* (Lindl.) J.Buchholz	

Cryptomeria japonica from the Nový Dvůr Arboretum (Polášková, 2024)

Sequoiadendron giganteum from the Nový Dvůr Arboretum (Polášková, 2024)

ANGIOSPERMAE

ACERACEAE

18.	*Acer barbinerve* Maxim.	0539-02-70
19.	*Acer campestre* L.	0196-93-10
20.	*Acer circinatum* Pursh.	1999-93-10
21.	*Acer ginnala* Maxim.	1932-92-10
22.	*Acer ginnala* Maxim.	2242-93-10
23.	*Acer henryi* Pax	0363-07-70
24.	*Acer mono* Maxim.	1925-93-10
25.	*Acer tataricum* L.	2164-94-10

ANACARDIACEAE

26. *Cotinus coggygria* Scop.

ANNONACEAE

27. *Asimina triloba* (L.) Dunal

AQUIFOLIACEAE

28. *Ilex verticillata* (L.) A. Gray 86172

ARALIACEAE

29. *Acanthopanax henryi* (Oliv.) Harms

30. *Acanthopanax sieboldianus* Makino 0108-87-10

BERBERIDACEAE

31. *Berberis thunbergii* DC.

BETULACEAE

32. *Alnus cordata* (Loisel.) Desf. 2154-93-40

33.	*Alnus inokumae* Murai et Kusaka	1292-94-10
34.	*Alnus japonica* (Thunb.) Steud.	2001-92-10
35.	*Betula carpatica* Waldst. et Kit. ex Willd.	0156-04-70
36.	*Betula ermanii* Cham.	1691-94-10
37.	*Betula humilis* Marshall	2732-95-40
38.	*Betula litwinowii* Doluch.	1295-93-10
39.	*Betula ovalifolia* Rupr.	0794-91-40
40.	*Betula oycoviensis* Besser	1497
41.	*Betula papyrifera* Marshall	0346-92-10
42.	*Betula platyphylla* Sukaczev	1215-95-10
43.	*Betula platyphylla* var. *japonica* (Miq.) H. Hara	
44.	*Betula pubescens* Ehrh.	1645
45.	*Betula pubescens* Ehrh.	0607-92-10
46.	*Betula pubescens* subsp. *carpatica* (Waldst. & Kit. ex Willd.) Asch. & Graebn.	0549-91-10
47.	*Betula purpusii* C. K. Schneid.	356/80
48.	*Betula tatewakiana* M. Ohki & S. Watan.	1137-92-70
49.	*Betula x aurata* Borkh.	660/80

BIGNONIACEAE

50.	*Catalpa x galleana* Dode	0582-05-70
51.	*Catalpa ovata* G. Don	0307-06-70

BUXACEAE

52.	*Buxus microphylla* Siebold & Zucc. var. *koreana* Nakai	3221-94-80
53.	*Buxus microphylla* Siebold & Zucc. var. *sinica* Rehd. & Wils.	88266

CAPRIFOLIACEAE

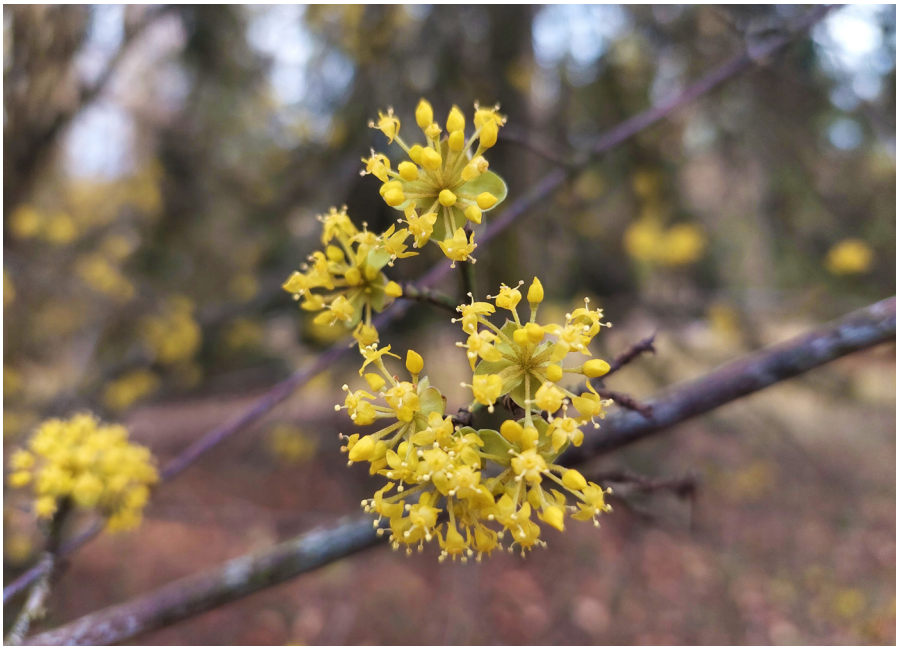
54.	*Kolkwitzia amabilis* Graebn.	0713-95-80
55.	*Kolkwitzia amabilis* Graebn.	3222-94-83

56.	*Lonicera ciliosa* (Pursh) Poir.	1634-10-70
57.	*Lonicera japonica* Thunb.	1811-10-70
58.	*Lonicera maackii* (Rupr.) Maxim.	0185-13-70
59.	*Lonicera subhispida* Nakai	0998-93-70
60.	*Sambucus racemosa* L. f. *aureocarpa*	90525
61.	*Symphoricarpos x chenaultii* Rehder	0388-95-80
62.	*Viburnum burejaeticum* Regel	87368
63.	*Viburnum cassinoides* L.	0699-91-70
64.	*Viburnum cotinifolium* D. Don	0642-05-70
65.	*Viburnum lentago* L.	0462-14-80
66.	*Viburnum macrocephalum* Fortune	0330-05-70
67.	*Viburnum mongolicum* (Pall.) Rehder	0299-05-70
68.	*Viburnum prunifolium L.*	1381-92-10
69.	*Viburnum sargentii* Koehne f. *puberulum* Kom.	2215-94-10
70.	*Viburnum trilobum* Marshall	0359-05-70
71.	*Viburnum trilobum* Marshall	0451-03-70

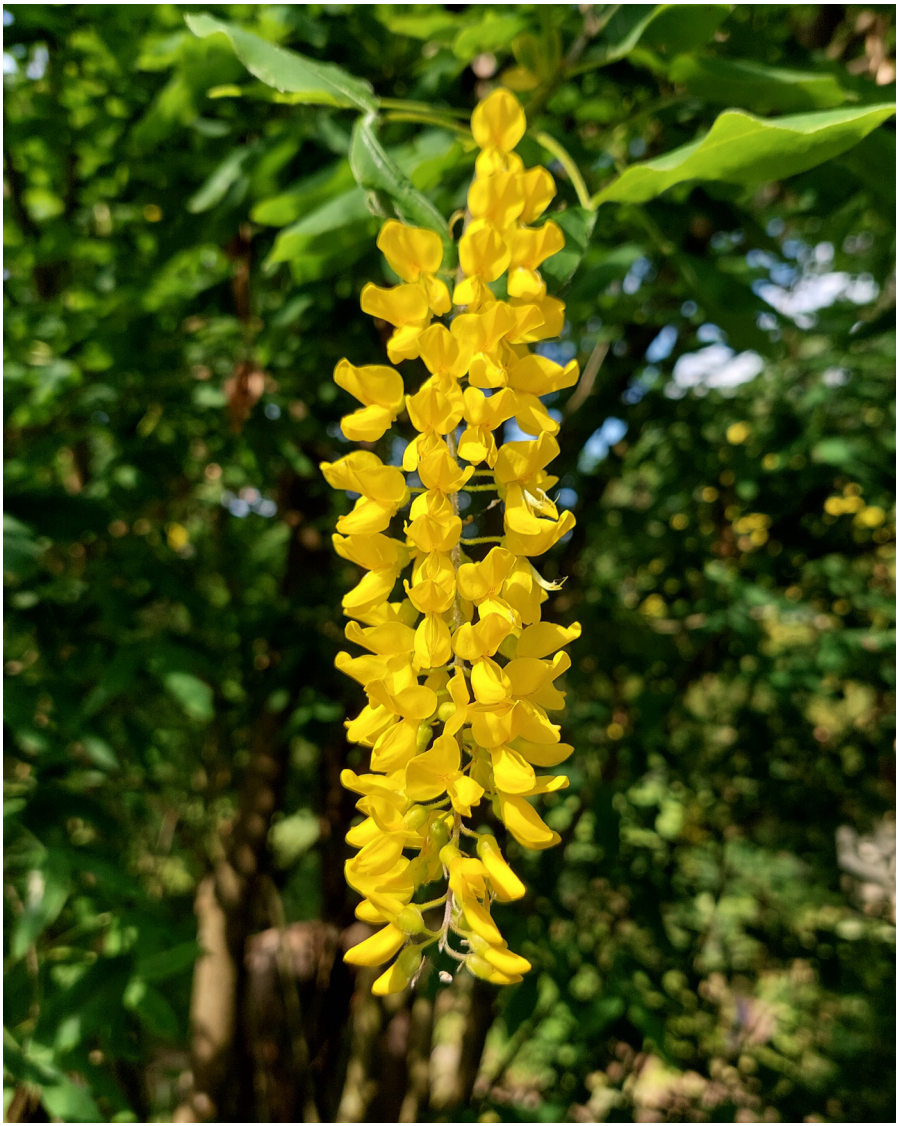
CELASTRACEAE

72.	*Celastrus orbiculatus* Thunb.	
73.	*Euonymus alatus* Thunb.	0180-14-80
74.	*Euonymus alatus* Thunb.	
75.	*Euonymus europaeus* L. var. *angustifolius* K. F. Schulz	390/80
76.	*Euonymus maackii* Rupr.	0384-15-70
77.	*Euonymus oxyphyllus* Miq.	0421-07-70
78.	*Euonymus phellomanus* Loes.	
79.	*Euonymus planipes* (Koehne) Koehne	509/78
80.	*Euonymus planipes* (Koehne) Koehne	0541-14-80

	CORNACEAE	
81.	*Cornus alternifolia* L. f.	1916-10-70
82.	*Cornus baileyi* Coult. & Evans.	0158-07-70
83.	*Cornus florida* L.	1363-92-10
84.	*Cornus florida* L.	
85.	*Cornus kousa* (Bürger) Hance var. *kousa*	
86.	*Cornus mas* L.	2395-92-10
87.	*Cornus officinalis* Siebold & Zucc.	0706-03-70
88.	*Cornus pumila* Koehne	1918-10-70
89.	*Cornus walteri* Wanger.	1919-10-70

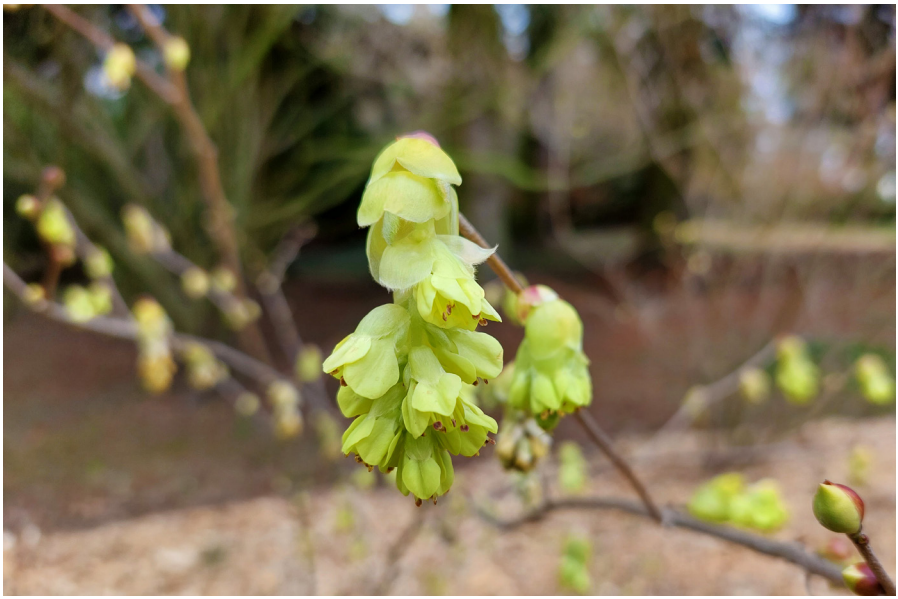


Cornus mas L. from the Nový Dvůr Arboretum (Polášková, 2024)



Laburnum anagyroides from the Nový Dvůr Arboretum (Polášková, 2024)

	CORYLACEAE	
90.	*Corylus americana* Marshall	1365-92-10
91.	*Corylus americana* Marshall	1944-96-10
92.	*Ostrya virginiana* (Mill.) K. Koch	85219
	ERICACEAE	
93.	*Gaultheria miqueliana* Takeda	
94.	*Gaylussacia baccata* K. Koch	85010
95.	*Pieris japonica* (Thunb.) D. Don ex G. Don	
96.	*Pieris japonica* (Thunb.) D. Don ex G. Don	1797-92-10
97.	*Vaccinium arctostaphylos* L.	0408-91-10
	FABACEAE	
98.	*Amorpha fruticosa* L.	0299-84-10
99.	*Caragana manshurica* Kom.	0855-91-40
100.	*Gleditsia japonica* Miq.	0725-05-70
101.	*Laburnocytisus adami* (Poit.) C. K. Schneid.	1871-94-80
102.	*Laburnocytisus adami* (Poit.) C. K. Schneid.	2202-96-80
	FAGACEAE	
103.	*Quercus bicolor* Willd.	84728
104.	*Quercus glandulifera* Blume.	526 H
105.	*Quercus phellos* L.	2599-93-10
106.	*Quercus prinus* L.	0767-84-70
107.	*Quercus pubescens* Willd.	975 CH
108.	*Quercus velutina* Lam.	2716-93-74
	HAMAMELIDACEAE	
109.	*Corylopsis sinensis* Hemsl.	0400-04-70
110.	*Corylopsis spicata* Siebold & Zucc.	0054-14-70



Corylopsis sinensis from the Nový Dvůr Arboretum (Polášková, 2024)

111. Hamamelis vernalis Sarg.	0335-05-70
112. Hamamelis vernalis Sarg.	0201-00-70
113. Hamamelis vernalis Sarg.	0113-03-70
114. Hamamelis virginiana L.	47/77
115. Hamamelis virginiana L.	2495-93-10
116. Hamamelis virginiana L.	
117. Hamamelis virginiana L.	0490-93-10

HIPPOCASTANACEAE

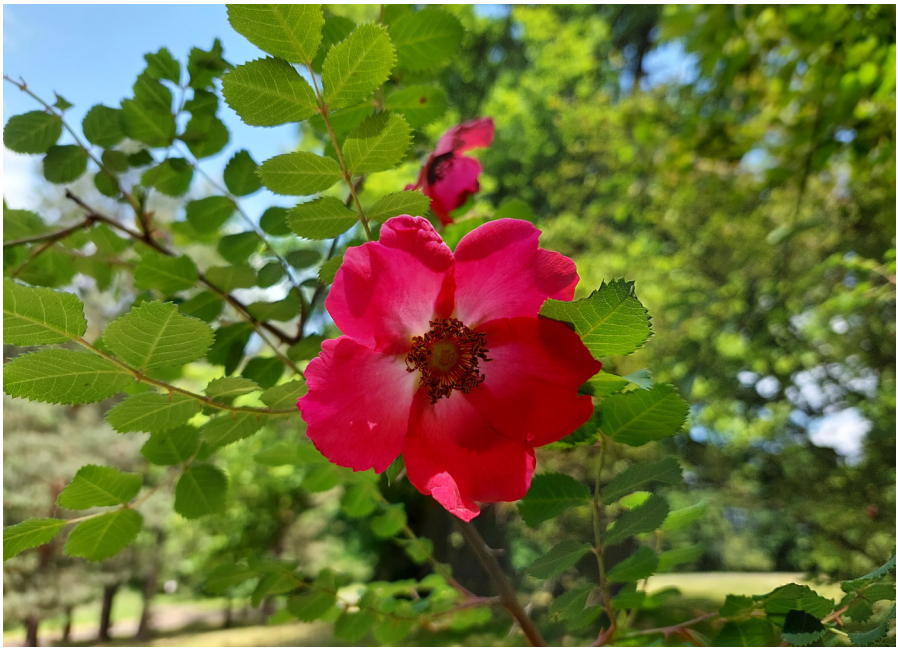
118. Aesculus parviflora Walter

HYDRANGEACEAE	
119. Deutzia glauca Cheng	2743-94-83
120. Deutzia maximowicziana Makino	1644-10-70
121. Philadelphus magdalenae Koehne	1836-10-70
122. Philadelphus microphyllus A. Gray	1837-10-70
123. Philadelphus microphyllus A. Gray var. *sargentii*	124/81
124. Philadelphus sericanthus var. *kulingensis* (Koehne) Hand.-Mazz.	1385-92-70
125. Philadelphus schrenkii Rupr.	1232-95-10
LARDIZABALACEAE	
126. Decaisnea fargesii Franch.	689/80
MAGNOLIACEAE	
127. Magnolia tripetala L.	
MORACEAE	
128. Broussonetia papyrifera Vent.	
MYRICACEAE	
129. Myrica gale subsp. *tomentosa* C. DC.	90374
OLEACEAE	
130. Forsythia giraldiana Lingelsh.	
131. Ligustrum tschonoskii Decne.	1385-93-40
RHAMNACEAE	
132. Rhamnus citrifolius (Weston) W.J.Hess & Stearn	1139-92-40
133. Rhamnus davuricus Pall.	1236-95-10

Amelanchier x grandiflora ´Ballerina´ from the Nový Dvůr Arboretum (Urbanová, 2024)

	ROSACEAE	
134.	*Amelanchier bartramiana* (Tausch.) M. Roem.	139/80
135.	*Amelanchier cusickii* Fernald	207
136.	*Amelanchier laevis* Wieg.	684/80
137.	*Aronia arbutifolia* (L.) Pers.	85079
138.	*Aronia arbutifolia* (L.) Pers.	616/78
139.	*Aronia prunifolia* (Marsh.) Rehder	1385
140.	*Cotoneaster* aff. *kolaiensis*	0952-97-40
141.	*Cotoneaster boisianus* G. Klotz	
142.	*Cotoneaster cochleatus* (Franch.) G. Klotz	0344-97-70
143.	*Cotoneaster dielsianus* E. Pritz. ex Diels	2093-94-40
144.	*Cotoneaster giraldii* Flinck & B. Hylmö ex G. Klotz	1156-92-70
145.	*Cotoneaster kullensis* B. Hylmö	2388-96-40

146.	*Cotoneaster roseus* Edgew.	
147.	*Cotoneaster sikangensis* Flinck & B. Hylmö	1164-92-40
148.	*Cotoneaster splendens* Flinck & B. Hylmö	2105-94-40
149.	*Cotoneaster villosulus* (Rehder & E.H.Wilson) Flinck & B.Hylmö	0943-96-70
150.	*Cotoneaster zabelii* C. K. Schneid.	2109-94-40
151.	*Crataegus pedicellata* Sarg.	89236
152.	*Crataegus pontica* K. Koch	0777-92-50
153.	*Holodiscus discolor* (Nutt.) Maxim.	
154.	*Holodiscus discolor* var. *dumosus* (Nutt.) Maxim.	
155.	*Malus coronaria* (L.) Mill.	
156.	*Malus domestica* Borkh. ´Jadernička Valašská´	
157.	*Malus hupehensis*	0504-14-80
158.	*Malus sieboldii* (Reg.) Rehder	1947-93-10
159.	*Malus sieboldii* (Reg.) Rehder	1681-94-10
160.	*Malus sieboldii* (Reg.) Rehder	1708-94-10
161.	*Malus sylvestris* (L.) Mill.	1970-97-10
162.	*Mespilus germanica* L.	
163.	*Physocarpus opulifolius* (L.) Maxim.	1373-92-10
164.	*Prunus ssiori* F. Schmidt	1388-93-40
165.	*Rhodotypos scandens* (Thunb.) Makino	62/83
166.	*Rosa arvensis* Roth.	0546-92-10
167.	*Rosa blanda* Aiton	0590-07-70
168.	*Rosa majalis* Herrm.	0558-93-10
169.	*Rosa maximowicziana* Regel.	1512-95-40
170.	*Rosa rubiginosa* L.	0548-92-10
171.	*Rosa rugosa* Thunb.	89174
172.	*Rosa stylosa* Desv.	0273-08-70
173.	*Rosa villosa* L.	1393-10-70
174.	*Rosa vosagiaca* Desportes	0066-10-70



Rosa moyesii from the Nový Dvůr Arboretum (Polášková, 2024)

175. Rosa woodsii Lindl.	0816-93-10
176. Sorbaria sorbifolia (L.) A. Braun	0480-95-10
177. Sorbus aff. *koehneana*	2117-94-40
178. Sorbus aria	
179. Sorbus koehneana C.K. Schneid.	71/82
180. Sorbus subsimilis Hedl.	1287-93-10
181. Spiraea japonica L.	0562-97-10
182. Spiraea nipponica Maxim.	90396
183. Spiraea salicifolia L.	90528
184. Spiraea trichocarpa Nakai	1245-95-10

RUTACEAE	
185. Poncirus trifoliata (L.) Raf.	
186. Zanthoxylum simulans Hance	0086-15-70
SAPINDACEAE	
187. Koelreuteria paniculata Laxm.	
STAPHYLEACEAE	
188. Staphylea colchica Steven	
189. Staphylea pinnata L.	0530-91-10
190. Staphylea pinnata L.	0048-91-10
191. Staphylea trifolia L.	2247-92-50
THEACEAE	
192. Stewartia koreana Nakai ex Rehder	485/79
193. Stewartia pseudocamellia Maxim.	90050
ULMACEAE	
194. Celtis tenuifolia Nutt.	2591-93-10
195. Hemiptelea davidii (Hance) Planch.	0211-85-10
VITACEAE	
196. Ampelopsis brevipedunculata (Maxim.) Trautv.	0545-14-80

Autumn in the Nový Dvůr Arboretum (Polášková, 2024)

Fothergilla major from the Nový Dvůr Arboretum (Urbanová, 2024)

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

[1] 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 [PEN 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 2024/2025

ARBORETUM NOVÝ DVŮR *SLEZSKÉ ZEMSKÉ MUZEUM* *NOVÝ DVŮR 29* *746 01 STĚBOŘICE* *CZECH REPUBLIC* *E-mail: arboretum@szm.cz*	*Contact Person, Institute & Your Address:* *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 comercialise 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 **30 numbers** and return this signed form by **31th May 2025.** Warning: We only distribute seeds after receiving this form, signed and filled in, thank you.*