



Arboretum Mlyňany
Institute of Forest Ecology
Slovak Academy of Sciences



Index Seminum

72/2024

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Institute of Forest Ecology SAS

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Species from the title page

Cotoneaster lacteus W. W. Sm.

Common name: Milkflower cotoneaster

Family: *Rosaceae*

Cotoneaster lacteus is a large evergreen shrub, growing to 3-4 m. tall and wide. Arching branchlets are first loosely white-tomentose. Leaves coriaceous, broad-elliptic to lanceolate, 3.5-8 cm. long, obtuse and mucronulate, rounded or broad-cuneate at base, with 7-10 pairs of veins, dull green above, whitish or yellowish tomentose beneath, later almost glabrous and grey. Inflorescences in June, on short side branchlets, tomentose, 4-6 cm. across, with numerous flowers (up to 70), petals white (specific epithet refers to the milk-white flowers), anthers pink. Fruits ovoid, 6 mm. long, usually with 2 nutlets, long-lasting, but avoided by birds.

Cotoneaster lacteus W. W. Sm. is native in Western China, Yunnan.

It was introduced in 1913.

You can find this species under the **number 186**.

In response to the **Convention on Biological Diversity (Rio de Janeiro, 1992)**

Mlyňany Arboretum supplies its seeds offered in this catalogue on the following conditions:

1. The seeds are only used for the public good in areas of scientific research, conservation of species, education, and the development of public botanic gardens.
2. Any commercial use of the plant material requires the permission of Mlyňany Arboretum and a separate agreement.
3. Any publication resulting from the use of the material should acknowledge Arboretum Mlyňany as a supplier.

Location: 48°19'12"N, 18°22' 09"E

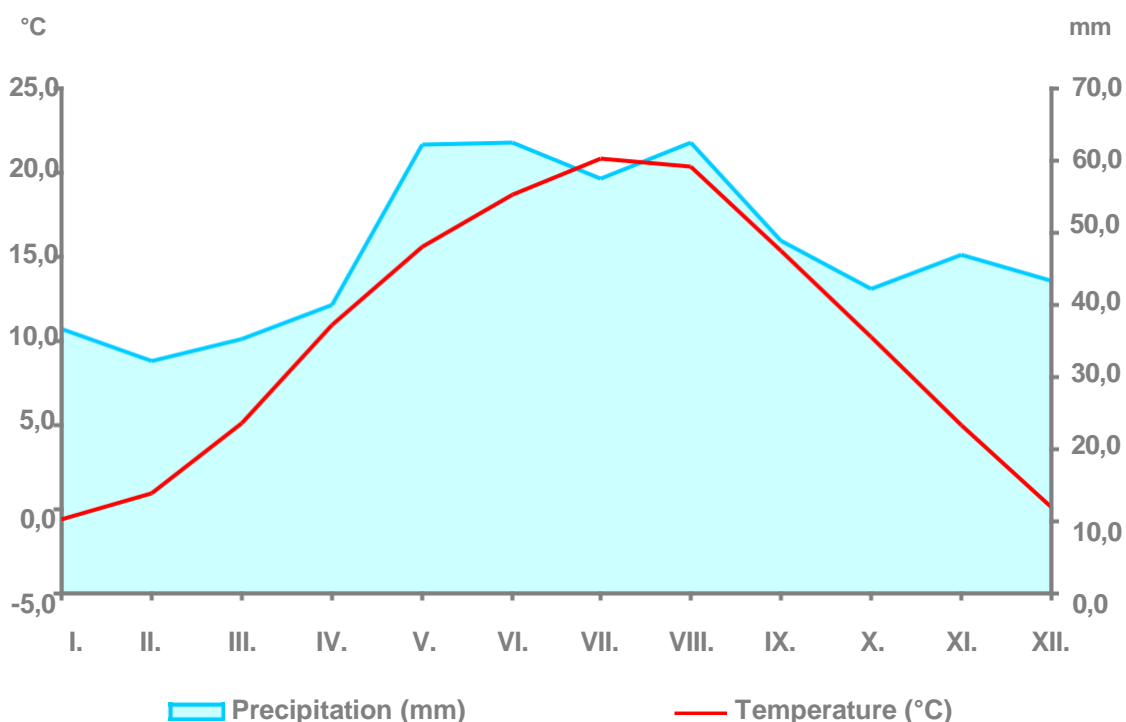
Altitude: 168 – 214 m a. s. l.

Climatic data (1986-2015):

Annual mean temperature: 10.2 °C

Annual mean precipitation: 570.3 mm

Climograph for Arboretum Mlýňany (1986-2015)



Climatic data 2024

Annual mean temperature: 11.9 °C

Total annual precipitation: 431 mm

2024	I.	II.	III.	IV.	V.	VI.	VII.	VIII.	IX.	X.	XI.	XII.
T [°C]	0.7	7.1	8.4	11.9	16.6	19.8	23.1	23.1	17.0	10.9	3.1	1.1
P [mm]	35.2	30.2	13.8	41.8	45.8	73.0	10.8	34.2	89.0	28.2	15.6	13.4

Cupressaceae

1. *Juniperus chinensis* L.
2. *Juniperus chinensis* L. 'Keteleeri'
3. *Juniperus communis* L.
4. *Juniperus horizontalis* Moench
5. *Juniperus sabina* L.
6. *Juniperus semiglobosa* Regel
7. *Juniperus virginiana* L.
8. *Platyclusus orientalis* (L.) Franco
9. *Platyclusus orientalis* (L.) Franco 'Sieboldii'

Taxaceae

10. *Taxus × media* Rehd.
11. *Torreya californica* L.
12. *Torreya nucifera* (L.)

Actinidiaceae

13. *Actinidia chinensis* Planch.

Adoxaceae

14. *Viburnum burejaeticum* Rgl. & Herd.
15. *Viburnum dasyanthum* Rehd.
16. *Viburnum dentatum* L.
17. *Viburnum dilatatum* Thunb.
18. *Viburnum lantana* L.
19. *Viburnum opulus* L.
20. *Viburnum × Pragense* Vik.
21. *Viburnum rhytidophyllum* Hemsl.
22. *Viburnum sargentii* Koehne
23. *Viburnum utile* Hemsl.

Anacardiaceae

24. *Cotinus coggygria* Scop.
25. *Rhus glabra* L.
26. *Rhus potaninii* Maxim.
27. *Rhus × pulvinata* Greene

Aquifoliaceae

28. *Ilex aquifolium* L.
29. *Ilex aquifolium* L. f. *bacciflora* (West.) Rehd.
30. *Ilex × aquipernyi* Gable ex Whitem.
31. *Ilex pernyi* Franch.
32. *Ilex verticillata* (L.) Gray

Araliaceae

33. *Eleutherococcus senticosus* (Rupr. & Maxim.) Maxim.
34. *Kalopanax pictus* (Thunb.) Nakai

Asparagaceae

35. *Ruscus aculeatus* L.
36. *Ruscus hypoglossus* L.

Berberidaceae

37. *Berberis amurensis* Rupr.
38. *Berberis amurensis* Rupr. 'Atropurpurea'
39. *Berberis amurensis* Rupr. var. *japonica* (Reg.) Rehd.
40. *Berberis brachypoda* Maxim.
41. *Berberis gagnepainii* Schneid.
42. *Berberis gagnepainii* Schneid. var. *lanceifolia* Ahrendt
43. *Berberis julianae* Schneid.
44. *Berberis koreana* Palibin
45. *Berberis oblonga* (Regel) C. K. Schneid.
46. *Berberis sargentiana* Schneid.
47. *Berberis thunbergii* DC.
48. *Nandina domestica* Thunb.

Betulaceae

49. *Alnus glutinosa* (L.) Gaertn.
50. *Betula dahurica* Pall.
51. *Betula glandulifera* (Regel) Butler
52. *Betula platyphylla* Sukatchev
53. *Betula pubescens* Ehrh.
54. *Carpinus cordata* Bl.
55. *Carpinus orientalis* Mill.
56. *Ostrya carpinifolia* Scop.
57. *Ostrya japonica* Sarg.
58. *Ostrya virginiana* (Mill.) K. Koch

Bignoniaceae

59. *Catalpa bignonioides* Walt.
60. *Catalpa ovata* G. Don

Boraginaceae

61. *Ehretia thyrsoflora* (S. & Z.) Link

Calycanthaceae

62. *Chimonanthus praecox* (L.) Link

Cannabaceae

63. *Celtis occidentalis* L.
64. *Celtis orientalis* L.
65. *Celtis sinensis* Pers. var. *japonica* (Planch.) Nakai

Caprifoliaceae

66. *Diervilla rivularis* Gatt.
67. *Heptacodium miconioides* Rehd.
68. *Lonicera ferdinandi* Franch.
69. *Lonicera japonica* Thunb.
70. *Lonicera japonica* Thunb. var. *chinensis* (Wats.) Bak.
71. *Lonicera maackii* (Rupr.) Maxim.
72. *Lonicera maackii* (Rupr.) Maxim. var. *podocarpa* Franch.
73. *Lonicera quinquelocularis* Hardw.
74. *Lonicera tatarica* L.

- Caprifoliaceae**
- 75. *Lonicera tatarica* L. 'Lutea'
 - 76. *Lonicera vesicaria* Komar.
 - 77. *Symphoricarpos albus* (L.) Blake var. *laevigatus* (Fern.) Blake
- Celastraceae**
- 78. *Celastrus angulatus* Maxim.
 - 79. *Celastrus orbiculatus* Thunb.
 - 80. *Euonymus bungeanus* Maxim.
 - 81. *Euonymus bungeanus* Maxim. var. *semipersistens* (Rehd.) Schneid.
 - 82. *Euonymus europaeus* L.
 - 83. *Euonymus hamiltonianus* Wall.
- Cercidiphyllaceae**
- 84. *Cercidiphyllum japonicum* S. & Z.
- Cornaceae**
- 85. *Cornus florida* L.
 - 86. *Cornus kousa* (Bueg.) Hance
 - 87. *Cornus mas* L.
 - 88. *Cornus officinalis* S. & Z.
- Ebenaceae**
- 89. *Diospyros lotus* L.
- Elaeagnaceae**
- 90. *Elaeagnus umbellata* Thunb.
 - 91. *Hippophae rhamnoides* L.
- Ericaceae**
- 92. *Rhododendron fortunei* Lindl.
 - 93. *Rhododendron luteum* Sweet
 - 94. *Rhododendron micranthum* Turcz.
 - 95. *Rhododendron mucronatum* G. Don
 - 96. *Rhododendron ponticum* L.
- Eucommiaceae**
- 97. *Eucommia ulmoides* Oliv.
- Fabaceae**
- 98. *Albizia julibrissin* Durazz.
 - 99. *Amorpha fruticosa* L.
 - 100. *Cercis chinensis* Bge.
 - 101. *Cladrastis lutea* (Michx. f.) K. Koch
 - 102. *Colutea* × *media* Willd.
 - 103. *Gleditsia japonica* Miq.
 - 104. *Gleditsia triacanthos* L.
 - 105. *Gymnocladus dioica* (L.) K. Koch
 - 106. *Laburnum anagyroides* Medik.
 - 107. *Spartium junceum* L.
 - 108. *Wisteria floribunda* (Willd.) DC.

Fagaceae

- 109. *Quercus acutissima* Carruth.
- 110. *Quercus aliena* Bl.
- 111. *Quercus rubra* L.

Grossulariaceae

- 112. *Ribes fasciculatum* S. & Z.

Hamamelidaceae

- 113. *Hamamelis virginiana* L.

Hydrangeaceae

- 114. *Deutzia glauca* Cheng
- 115. *Deutzia ningpoensis* Rehd.
- 116. *Deutzia scabra* Thunb.
- 117. *Hydrangea arborescens* L. *radiata* (Walt.) McClintock
- 118. *Hydrangea heteromalla* D. Don 'Bretschneideri'
- 119. *Hydrangea quercifolia* Bartr.
- 120. *Hydrangea sargentiana* Rehd.
- 121. *Philadelphus delavayi* L. Henry var. *melanocalyx* Lemoine
- 122. *Philadelphus incanus* Koehne
- 123. *Philadelphus pekinensis* Rupr.
- 124. *Philadelphus pubescens* Loisel.
- 125. *Philadelphus sericanthus* Koehne

Hypericaceae

- 126. *Hypericum kalmianum* L.

Juglandaceae

- 127. *Carya cordiformis* (Wangh.) K. Koch
- 128. *Juglans ailantifolia* Carr.
- 129. *Juglans ailantifolia* Carr. *cordiformis* (Maxim.) Rehd.
- 130. *Juglans nigra* L.
- 131. *Juglans rupestris* Engelm.
- 132. *Platycarya strobilacea* Sieb. & Zucc.
- 133. *Pterocarya stenoptera* DC.

Lamiaceae

- 134. *Callicarpa bodinieri* Lév.
- 135. *Callicarpa dichotoma* (Lour.) K. Koch
- 136. *Callicarpa japonica* Thunb. 'Leucocarpa'
- 137. *Vitex negundo* L.
- 138. *Vitex negundo* L. var. *heterophylla* (Franch.) Rehd.

Lardizabalaceae

- 139. *Akebia quinata* (Houtt.) Decne.

Lythraceae

- 140. *Punica granatum* L.

Magnoliaceae

- 141. *Liriodendron chinensis* (Hemsl.) Sarg.
- 142. *Liriodendron tulipifera* L.
- 143. *Magnolia denudata* Desr.
- 144. *Magnolia* × *soulangeana* Soul. - Bod.

Malvaceae

- 145. *Hibiscus syriacus* L.
- 146. *Tilia petiolaris* DC.
- 147. *Tilia tomentosa* Moench.

Moraceae

- 148. *Broussonetia papyrifera* (L.) L'Hér.
- 149. *Cudrania tricuspidata* (Carr.) Bur.

Oleaceae

- 150. *Fontanesia fortunei* Carr.
- 151. *Forsythia ovata* Nakai
- 152. *Forsythia viridissima* Lindl.
- 153. *Fraxinus angustifolia* Vahl.
- 154. *Fraxinus pensylvanica* Marsh.
- 155. *Jasminum fruticans* L.
- 156. *Ligustrum compactum* (Wall. ex G. Don) Hook. f. & Thoms. ex Brandis
- 157. *Ligustrum obtusifolium* S. & Z.
- 158. *Ligustrum obtusifolium* S. & Z. var. *regelianum* (Koehne) Rehd.
- 159. *Ligustrum ovalifolium* Hassk.
- 160. *Ligustrum quihoui* Carr.
- 161. *Ligustrum sinense* Lour.
- 162. *Ligustrum vulgare* L.
- 163. *Ligustrum vulgare* L. 'Atrovirens'
- 164. *Ligustrum vulgare* L. 'Pyramidale'
- 165. *Syringa julianae* Schneid.
- 166. *Syringa pekinensis* Rupr.
- 167. *Syringa reticulata* (Blume) Hara
- 168. *Syringa reticulata* (Blume) Hara var. *mandshurica* (Maxim.) Hara
- 169. *Syringa villosa* Vahl.

Phyllanthaceae

- 170. *Securinega suffruticosa* (Pall.) Rehd.

Ranunculaceae

- 171. *Clematis vitalba* L.

Rhamnaceae

- 172. *Frangula alnus* Mill.
- 173. *Ziziphus jujuba* Mill.

Rosaceae

174. *Cotoneaster acutifolius* Turcz.
175. *Cotoneaster bullatus* Bois.
176. *Cotoneaster buxifolius* Wall. ex Lindl.
177. *Cotoneaster dielsianus* Pritz.
178. *Cotoneaster distichus* Lange
179. *Cotoneaster divaricatus* Rehd. & Wils.
180. *Cotoneaster foveolatus* Rehd. & Wils.
181. *Cotoneaster franchetii* Bois.
182. *Cotoneaster horizontalis* Decne.
183. *Cotoneaster horizontalis* Decne. 'Saxatilis'
184. *Cotoneaster horizontalis* Decne. 'Variegatus'
185. *Cotoneaster hupehensis* Rehd. & Wils.
186. *Cotoneaster lacteus* W. W. Sm.
187. *Cotoneaster lucidus* Schlechtd.
188. *Cotoneaster microphyllus* Lindl. var. *thymifolius* (Baker) Koehne
189. *Cotoneaster multiflorus* Bge.
190. *Cotoneaster nitens* Rehd. & Wils.
191. *Cotoneaster obscurus* Rehd. & Wils.
192. *Cotoneaster racemiflorus* (Desf.) K. Koch
193. *Cotoneaster rhytidophyllus* Rehd. & Wils.
194. *Cotoneaster salicifolius* Franch.
195. *Cotoneaster salicifolius* Franch. var. *floccosus* Rehd. & Wils.
196. *Cotoneaster* × *watereri* Exell.
197. *Cotoneaster zabelii* Schneid.
198. *Crataegus monogyna* Jacq.
199. *Crataegus pentagyna* Waldst. & Kit.
200. *Crataegus pinnatifida* Bge. var. *major* N. E. Br.
201. *Exochorda serratifolia* Moore
202. *Holodiscus discolor* (Pursh) Maxim.
203. *Malus baccata* (L.) Borkh.
204. *Malus baccata* (L.) Borkh. 'Calocarpa'
205. *Malus baccata* (L.) Borkh. 'Gracilis'
206. *Malus coronaria* (L.) Mill.
207. *Malus kirghisorum* Al. Fed. & Fed.
208. *Malus* × *micromalus* Makino
209. *Malus rockii* Rehd.
210. *Malus sargentii* Rehd.
211. *Malus sieboldii* (Reg.) Rehd.
212. *Malus sikkimensis* (Wenzig) Koehne
213. *Malus* × *zumi* (Matsum.) Rehd.
214. *Malus* × *zumi* (Matsum.) Rehd. 'Golden Hornet'
215. *Mespilus germanica* L.
216. *Physocarpus opulifolius* (L.) Maxim.
217. *Prunus avium* L.
218. *Prunus cerasifera* Ehrh.
219. *Prunus laurocerasus* L.
220. *Prunus spinosa* L.
221. *Pseudocydonia sinensis* Schneid.

Rosaceae

- 222. *Pyracantha coccinea* Roem.
- 223. *Pyrus betulifolia* Bge.
- 224. *Pyrus calleryana* Dcne.
- 225. *Rhodotypos scandens* (Thunb.) Mak.
- 226. *Rosa arvensis* Huds.
- 227. *Rosa blanda* Ait.
- 228. *Rosa brunonii* Lindl.
- 229. *Rosa canina* L.
- 230. *Rosa canina* L. 'Pávov šípek'
- 231. *Rosa* 'Complicata'
- 232. *Rosa davidii* Crép.
- 233. *Rosa glauca* Pourr.
- 234. *Rosa luciae* Franch. & Rochebr.
- 235. *Rosa moyesii* Hemsl. & Lindl. 'Fenja'
- 236. *Rosa multiflora* Thunb.
- 237. *Rosa multiflora* Thunb. 'Inermis'
- 238. *Rosa pimpinellifolia* L.
- 239. *Rosa roxburghii* Tratt.
- 240. *Rosa rubiginosa* L.
- 241. *Rosa setigera* Michx.
- 242. *Rosa setipoda* Hemsl. & Wils.
- 243. *Rosa villosa* L. 'Karpattia'
- 244. *Sorbaria sorbifolia* (L.) A. Br. var. *stellipila* Maxim.
- 245. *Sorbaria tomentosa* (Lindl.) Rehd.
- 246. *Spiraea blumei* G. Don
- 247. *Spiraea chinensis* Maxim.
- 248. *Spiraea miyabei* Koidz.
- 249. *Spiraea nipponica* Maxim. var. *tosaensis* (Yatabe) Makino
- 250. *Spiraea trilobata* L.
- 251. *Spiraea veitchii* Hemsl.
- 252. *Stranvaesia davidiana* Dcne.
- 253. *Stranvaesia davidiana* Dcne. 'Lutea'

Rutaceae

- 254. *Orixa japonica* Thunb.
- 255. *Phellodendron amurense* Rupr.
- 256. *Phellodendron chinense* Schneid.
- 257. *Poncirus trifoliata* (L.) Raf.
- 258. *Ptelea trifoliata* L.
- 259. *Skimmia japonica* Thunb.
- 260. *Skimmia* × *reevesiana* Fort.
- 261. *Euodia daniellii* (Benn.) Hemsl.
- 262. *Zanthoxylum armatum* DC.
- 263. *Zanthoxylum schinifolium* S. & Z.
- 264. *Zanthoxylum simulans* Hance

Sapindaceae

- 265. *Acer aidzuense* Nakai
- 266. *Acer buergerianum* Miq.
- 267. *Acer campestre* L.
- 268. *Acer cappadocicum* Gleditch
- 269. *Acer circinatum* Pursh
- 270. *Acer cissifolium* (S. & Z.) K. Koch
- 271. *Acer davidii* Franch.
- 272. *Acer ginnala* Maxim.
- 273. *Acer grosseri* Pax
- 274. *Acer grosseri* Pax ssp. *hersii* (Rehd.) Rehd.
- 275. *Acer japonicum* Thunb.
- 276. *Acer japonicum* Thunb. 'Vitifolium'
- 277. *Acer miyabei* Maxim.
- 278. *Acer mono* Maxim.
- 279. *Acer mono* Maxim. var. *savatieri* (Pax) Nakai
- 280. *Acer negundo* L.
- 281. *Acer opalus* Mill.
- 282. *Acer palmatum* Thunb.
- 283. *Acer palmatum* Thunb. 'Dissectum'
- 284. *Acer platanoides* L.
- 285. *Acer pseudoplatanus* L.
- 286. *Acer semenovii* Reg. & Herd.
- 287. *Acer sieboldianum* Miq.
- 288. *Acer tataricum* L.
- 289. *Acer tegmentosum* Maxim.
- 290. *Dipteronia sinensis* Oliv.
- 291. *Koelreuteria paniculata* Laxm. var. *apiculata* (Rehd. & Wils.) Rehd.
- 292. *Xanthoceras sorbifolium* Bge.

Staphyleaceae

- 293. *Staphylea colchica* Stev.
- 294. *Staphylea colchica* Stev. var. *kochiana* Medwed.
- 295. *Staphylea pinnata* L.
- 296. *Staphylea trifolia* L.

Styracaceae

- 297. *Halesia carolina* L.
- 298. *Styrax japonicus* S. & Z.

Ulmaceae

- 299. *Ulmus parvifolia* Jacq.

Vitaceae

- 300. *Ampelopsis brevipedunculata* (Maxim.) Trautv. var. *maximowiczii* (Rgl.) Rehd.

Desiderata (max. 20 items)

Please return Desiderata until 1 May 2025 to following address

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