

VALMIERAS RAJONA DENDROLOĢISKO STĀDĪJUMU KOKI UN KRŪMI

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Darbā apkopotas ziņas par dendroloģiskajiem stādījumiem 205 Valmieras rajona objektos. Pētījumi veikti no 1973. līdz 1996. gadam. Konstatēti 55 vietējie un 314 introducēti koki un krūmu taksoni. Minētas to atrašanās vietas, kokiem doti izmēri.

Raksturvārdi: vietējās sugas, svešzemju sugas, koki un krūmi.

IEVADS

Valmieras rajonā koki un krūmi inventarizēti pilsētu (Mazsalacas, Rūjienas, Valmieras) un lauku parkos un apstādījumos, kā arī stādījumos pie mežniecībām (1.att.). Apzināti arī te augošie dižkoki.

Plašāki pētījumi R. Cinovska vadībā veikti 1973. un 1983. gadā. Vērtīgākie stādījumi, pildot Kultūras ministrijas pasūtījumu, 1991. un 1994. gadā inventarizēti atkārtoti.

Apkopotas ziņas par 205 dendroloģiskajiem objektiem, kuros apzināti 369 taksoni, t. sk. 55 vietējie un 314 introducēti.

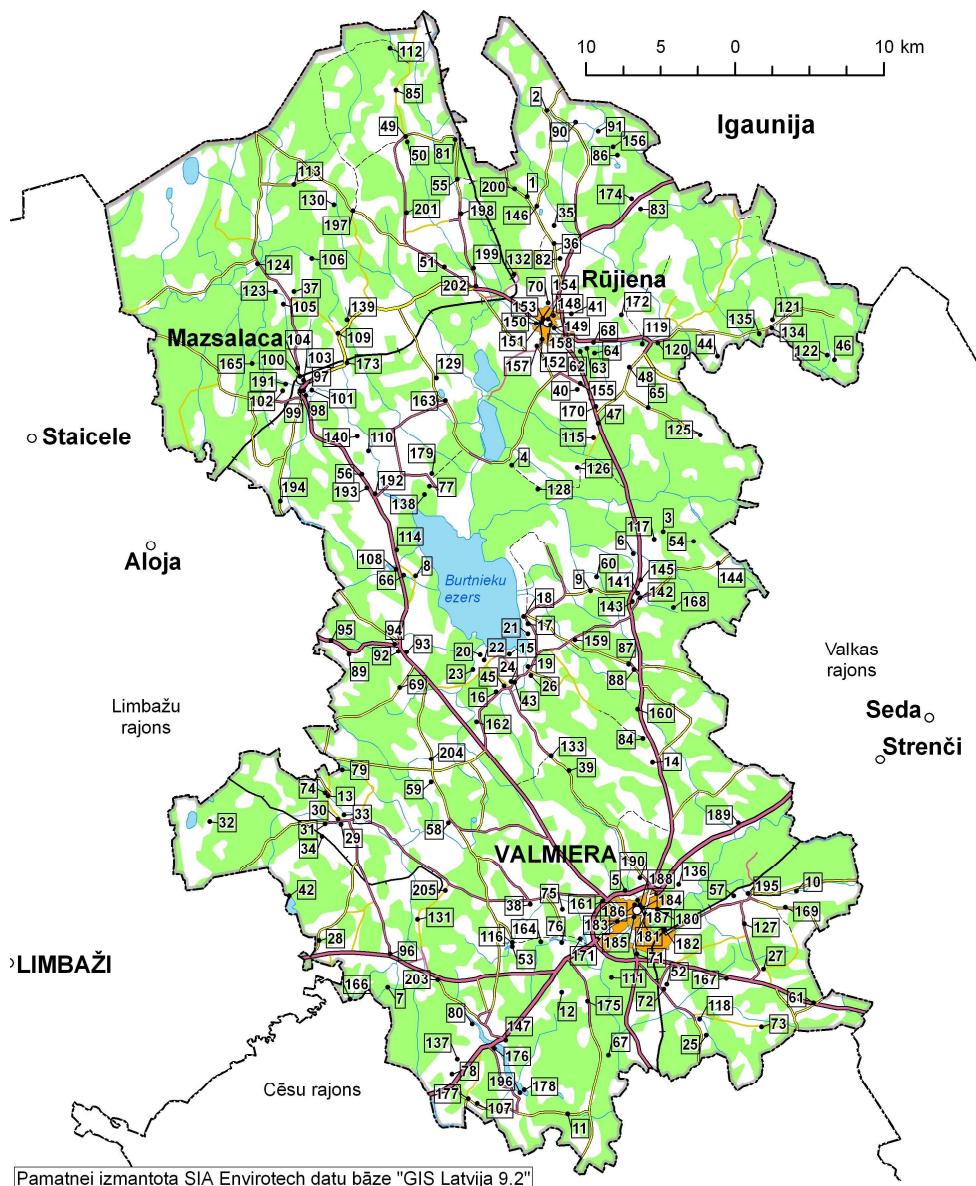
Rajonā apzināti lieli ozoli un liepas. Pie Burtnieku ezera (Jēkabkalnā un Milītē) atrasta Latvijā reti sastopamā Šerarda roze.

Ar introducentiem bagātākie ir Brenguļu “Čiekuržu” dendroloģiskie stādījumi, kā arī parki Endzelē, Burtniekos, Kocēnos, Valtenbergā, Naukšēnos un Vecatē.

Rajonā ir bagātīgi skujkoku stādījumi. Te daudz balzama, garzvīnu un Sibīrijas balteglu, kā arī Eiropas un Ledebūra lapeglu. Salīdzinoši bieži stādītas Polijas lapegle, Sibīrijas ciedrupriede un Veimutpriede.

Stādījumus Brenguļu “Čiekuržos” savās lauku mājās 20. gs. 20. gados uzsācis prof. A. Zāmelis. Vēlāk šie stādījumi papildināti. 1991. g. te konstatēti 55 svešzemju izcelsmes taksoni. No retāk stādītiem jāmin skujkoki – Gmelina un Sibīrijas lapegle, balzama un Sibīrijas baltegles hibrīds, Engelmaņa un Serbijas egle, asās egles šķirnes.

Burtnieku parkā aug *Betula papyrifera*, *B. pendula* ‘Crispa’, *Fraxinus pennsylvanica* ‘Aucubaefolia’, *Ulmus minor*, Rencēnmuižā – *Aesculus glabra*. Endzelē ir retās audzētas krustābeles - *Crataegus chlorosarca*, *C. maximowiczii*, *C. remotilobata* un *C. rivularis*, kā arī *Cydonia oblonga*.



1.att. Valmieras rajona dendroloģiskie objekti (objektu numuri kartē atbilst to numuriem dendroloģisko objektu sarakstā).

Fig.1. Dendrological objects in Valmiera District (numbers of the map correspond with the numbers in the list of dendrological objects).

Lietoti šādi saīsinājumi (alfabētiskā secībā): a. – aleja; apst. – apstādījumi; atv. – atvases; bij. – bijušais; cv. – šķirne; d – stumbra caurmērs krūšaugstumā (cm); $d_{0,7}$ – stumbra caurmērs citā (šai gadījumā 0,7 m) augstumā; d_{vid} – vidējā koka stumbra caurmērs (cm) koku grupā; dzīvž. – dzīvžogs; fragm. – fragments; h – koka augstums (m); h_{vid} – vidējā koka augstums (m) koku grupā; kv. – meža kvartāls; lit. – liters; l. t. – lauku teritorija; m. apst. – māju apstādījumi; m.m. – mācītājmāja (mācītājmuiža); n – koku skaits, ja koku ir daudz (vairāk par 50), bet precīzs skaits nav zināms; p – stumbra apkārtmērs (cm); p. – parks; pag. – pagasts.

Šajā publikācijā dots rajonā inventarizēto stādījumu alfabētiskais rādītājs (tajā ir ziņas par stādījumu raksturu, vietējo un introducēto taksonu skaitu objektā (izcelti), inventarizācijas datumu) un taksonu saraksts.

Taksonu sarakstā aiz latīniskā nosaukuma ir latviskais nosaukums (sugām, pasugām un dažkārt arī šķirnēm). Pasvītrotie skaitļi ir kārtas numuri stādījumu alfabētiskajā rādītājā. Iekavās dots koku skaits, caurmērs (ja kokam ir vairāki stumbri, caurmērs rakstīts šādi; 19/25/30) un augstums, kā arī dažādas piezīmes.

VALMIERAS RAJONA DENDROLOGISKO OBJEKTU SARAKSTS

1. **Annasmuiža**, m. apst. Ķonu ”Mežmalī”. **12 un 6**, 27.07.83.
2. **Arakste**, p. Lodes pag. **17 un 22**, 10.10.73, 07.09.94.
3. **Augšmuiža**, m. apst. Rencēnu Ābeles”. **10 un 17**, 29.08.83.
4. **Ārgaļi**, m. apst. Jeru “Straumes”. **6 un 8**, 27.07.83.
5. **Āžkalni**, m. apst. Valmieras “Āžkalni”, “Līči”, “Viļņi”, “Zemītes”. **8 un 10**, 22.07.83.
6. **Baloži**, m. apst. Rencēnu pag. **8 un 5**, 10.10.73.
7. **Baltāmuiža**, m. apst. Kocēnu “Baltmuižnieki”. **5 un 4**, 26.07.83.
8. **Baunī**, p. Matīšu pag. **23 un 19**, 03.10.73, 14.10.91.
9. **Blankenfelde**, m. apst. Burtnieku “Jaunmuižnieki”, “Vecmuižnieki”. **11 un 12**, 09.10.73.
10. **Brenguļu “Ciekurži”**, dendroloģiski stādījumi. **20 un 55**, 16.09.72, 03.07.73, 24.10.74, 05.09.80, 11.09.86, 13.10.91.
11. **Briežumuiža**, lapegļu stādījumi. Vaidavas apg. **8 un 4**, 05.07.73, 13.10.91.
12. **Brīnumi**, m. apst. Kocēnu “Jaunbrīnumi”. **9 un 7**, 26.07.83.
13. **Budenbroka**, p. Dikļu pag. **13 un 24**, 04.07.73.
14. **Buka**, m. apst. Rencēnu pag. **7 un 9**, 10.10.73.
15. **Burtnieki**, p. Burtnieku pag. **23 un 62**, 03.07.73, 09.09.94.
16. **Burtnieki, Auseklā vidusskola**, apst. Burtnieku pag. **12 un 35**, 22.07.72, 04.07.73, 13.10.86.
17. **Burtnieku kapi**. Burtnieku pag. **6**, 03.07.73, 13.10.86.
18. **Burtnieku m.m. un baznīca**, apst. Burtnieku pag. **10 un 13**, 03.07.73, 13.10.86.
19. **Burtnieku “Arkādijas”**, m. apst. **3**, 05.10.73.

20. **Burtnieku “Brekši”**, m. apst. **5 un 11**, 04.07.73.
21. **Burtnieku “Dambji”**. 07.09.94.
22. **Burtnieku “Ķīši”**, m. apst. **7 un 10**, 04.07.73.
23. **Burtnieku “Līčupes”**, m. apst. **4 un 15**, 04.07.73.
24. **Burtnieku “Silmači”** (bij. slimnīca), apst. **12 un 24**, 04.07.73, 27.07.83.
25. **Būte**, p. Kauguru pag. **8 un 10**, 22.07.83.
26. **Cālis**, m. apst. Burtnieku “Cāli”, “Selgas”. **9 un 13**, 27.07.83.
27. **Cempi**, m. apst. Brenguļu pag. **10 un 26**, 02.07.73.
28. **Dauguļu pamatskola**, apst. Dikļu pag. **10 un 18**, 04.07.73, 10.09.86.
29. **Dikļi**, p. Dikļu pag. **18 un 30**, 04.07.73, 06.09.94.
30. **Dikļu kapi**. Dikļu pag. **5**. 04.07.73.
31. **Dikļu m.m.**, p. Dikļu pag. **14 un 11**, 23.10.74, 06.09.94.
32. **Dikļu pag.**, starp “Ošlejām” un “Klajām”. 24.12.84.
33. **Dikļu pamatskola**, apst. Dikļu pag. **9 un 20**, 04.07.73.
34. **Dikļu “Kalnciemi”**, m. apst. **5**, 04.07.73.
35. **Dīķeri**, p. Ķoņu pag., Ķoņu pamatskola. **14 un 26**, 10.10.73, 27.07.83, 15.10.91.
36. **Dīķeru kapi**. Ķoņu pag. **4**, 27.07.83, 15.10.91.
37. **Dronas**, m. apst. Mazsalacas l. t. **9 un 7**, 04.10.73.
38. **Dūķeri**, p. Kocēnu pag. **7 un 15**, 03.07.73.
39. **Egle**, apst. fragm. Burtnieku pag. **11 un 7**, 27.07.83.
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43. **Ēkinu muiža**, apst. Burtnieku pag., Burtnieku aptieka. **7 un 16**, 04.07.73.
44. **Ērmuiža**, m. apst. Naukšēnu pag. “Kalnaērmuiža”, “Lejasērmuiža”. **14 un 14**, 28.07.83.
45. **Garklāvi**, m. apst. Burtnieku pag. **8 un 8**, 27.07.83.
46. **Grotesmuiža**, m. apst. fragm. Naukšēnu pag. **10 un 3**, 28.07.83.
47. **Grūdumi**, m. apst. Jeru pag. **6 un 5**, 29.07.83.
48. **Idus (Idi)**, p. Naukšēnu pag. **15 un 12**, 05.07.73.
49. **Ipiķi**, m. apst. Ipiķu pag. **10 un 8**, 09.10.73.
50. **Ipiķu bij. skola**, apst. Ipiķu pag. **10 un 7**, 28.07.83.
51. **Jāņmuiža**, m. apst. Vilpulkas “Jaunmeži”, “Niedres”, “Saulītes”. **9 un 7**, 28.07.83.
52. **Jaunāmuiža**, m. apst. Kauguru “Austrumi”, “Brīvnieki”. **5 un 4**, 22.07.83.
53. **Jaunāmuiža**, m. apst. Kocēnu pag. **5 un 7**, 26.07.83.
54. **Jaunāmuiža**, m. apst. Rencēnu “Jaunlejas”, “Muižnieciņi”, “Ošlejas”, **11 un 8**, 29.08.83.
55. **Jaunāmuiža**, m. apst. Vilpulkas pag. **13 un 9**, 09.10.73.
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64. **Jeru lapegļu stādījumi**. Jeru pag. Jeru - Naukšēnu ceļa malā. 10.10.73.
65. **Jēči**, m. apst. Naukšēnu pag. **7 un 6**, 29.07.83.
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67. **Jumaras mežniecība**. 169. kv. 8. lit. 02.02.83.
68. **Jurata**, apst. Koņu pag. **13 un 13**, 10.10.73.
69. **Jurata**, apst. Matīšu pag. **7 un 23**, 27.07.83.
70. **Kalnaņķi**, m. apst. Koņu pag. **7 un 8**, 10.10.73.
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73. **Kauguru "Vecpavāri"**, m. apst. 02.07.73.
74. **Kaupiņi**, m. apst. Dikļu pag. **2 un 9**, 07.07.80.
75. **Kārlamuiža**, m. apst. Kocēnu "Upmaļi". 26.07.83.
76. **Kocēni (Kokmuiža)**, p. Kocēnu pag. **14 un 48**, 04.07.73, 13.10.91.
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80. **Ķieģelmuiža**, p. Kocēnu pag. **10 un 12**, 05.07.73.
81. **Ķirbēni**, apst. Ipiķu "Ķirbēni", bij. mežniecība. **4 un 13**, 09.10.73.
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83. **Koņu "Sinepes"**, dendroloģiski stādījumi. **16 un 20**, 06.07.73, 14.10.86.
84. **Labrenči**, m. apst. Rencēnu "Veclabrenči". **9 un 8**, 29.08.83.
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102. **Mazsalacas mežniecība**, apst. Skančkalnes “Lībieši”. **9 un 21**, 04.10.73.
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Juniperus sabina f. *tamariscifolia* (Aiton) Koehne. 15, 76, 148, 191.

Juniperus sabina ‘*Tamariscifolia*’. 181.

Larix decidua Mill. – **Eiropas lapegle.** 2 (10, d 36-93, h 18-32; 1, d 20, h 10), 8 (5, d 56-74/89, h 26-28), 9 (7, d 34-56, h 16-23), 10 (31, d 15-45, h 13-25), 11 [mežā ~ 100, d_{\max} 80-124 (p 390), h_{\max} 38-40; d_{vid} . 50, h_{vid} . 30; ceļmalā 3, d 57-85, h 33-36; a. uz Palmēnu mājām 28, d 40-67, h 22-29], 13 (5, d 36-77, h 16-26), 15 (24, d 44-83, h 28-32), 16 (1, d 32, h 19), 17 (16, d 22-81, h 12-27), 25 (1, d 31, h 14), 26 (1, d 34, h 18), 28 [8, d 43-141 (p 442), h 18-30], 30 (42, d 24-87, h 30-35), 31 (1, d 63, h 24), 35 (1, d 68, h 28; 1, d 9, h 8), 36 (16, d 22-53, h 19-27), 40 (5, d 54-79, h 27-30; 17, d 19-39, h 9-12), 41 (17, d 57-64, h 22-29; mežaparkā 2, d 59, 63, h 30; a. 36, d 48-69, h 24-32), 45 (2, d 37, 38, h 13), 54 (1, d 25, h 14), 57 (3, d 61-75, h 20-28), 62 (11, d 36-50, h 17-23), 63 (7, d 33-38, h 22-26), 66 [a. 18. d 55-116 (p 362), h 24-36; 14 grupā], 68 (2, d 63, 75, h 25), 77 (1, d 51, h 19), 78 (3, d 21-26, h 9-11), 80 [3, d 67-108 (p 340), h 24-25], 81 (2, d 37, 58, h 18, 22), 83 (8, d 31-61, h 19-24), 87 (108, d 22-84, h 9-27), 88 (2, d 30, 43, h 22), 93 (27, d 31-82, h 22-30), 94 (7, d 38-80, h 15-23), 98 (2, d 38, 54, h 16, 22), 102 (1, d 11, h 7), 103 (1, d 51, h 18), 108 (42, d 32-90, h 22-40), 109 (6, a. 8, d 38-65, h 13-20), 114 (2, d 51-75, h 18), 119 [48, d 61-137 (p 430), h 27-35; 1, d 87, h 31 – 25 m augstumā raganslotā], 123 (6, d 17-33, h 7-14), 128 (4, d 49-63, h 24-27), 131 [4, d 48-86, h 17-19; uz lauka 4, d 85-120 (p 378), h 20-24], 144 (17, d 36-74, h 22-28), 151 (3, d 34-40, h 17-19), 152 (2, d 39, 52, h 15, 18), 153 (3, d 19-64, h 10-23), 154 (1, d 47, h 15), 155 (2, h 2), 159 (3, d 27-31, h 14-19), 161 (12, d 14-25, h 8-14), 165 (6, d 24-47, h 17-22), 166 (2, d 46, 53, h 26), 168 (1, d 14, h 9), 173 (1, d 65, h 20), 181 (3, d 5-7, h 5-6), 183 (1, d 29, h 14), 190 (15, d 33-73, h 20-27), 191 (71, d 21-73, h 29-35), 192 (4, d 54-78, h 21-29), 202 (2, d 64, 70, h 18, 19).

Larix gmelinii (Rupr.) Rupr. – **Gmelina lapegle.** 10 (18, d 13-34, h 14-23), 154 (1, d 16, h 8).

Larix kaempferi (Lamb.) Carrière – **Japānas lapegle.** 10 (19, d 34-58, h 18-25), 40 (1, d 16, h 6), 154 (1, d 33, h 15), 191 (1, d 70, h 32).

Larix ledebourii (Rupr.) Cin. – **Ledebūra lapegle.** 1 (1, d 56, h 14), 2 (a. 25, d 23-57, h 12-17), 6 (6, d 57-64, h 22-24), 7 (2, d 20, 30, h 9, 14), 8 (431, d 49-83, h 16-30), 10 (9, d 25-54, h 12-25), 11 (1, d 39, h 13; mežā 2, d 67, 74, h

34, 36; a. uz Palmēnu mājām 14, d 22-61, h 18-27), 16 (3, d 22-40, h 12-14), 17 (5, d 27-56, h 22-25), 27 (7, d 24-33, h 10-12), 29 (2, d 62, 63, h 26, 28), 34 (1, d 59, h 17), 35 (1, d 63, h 28), 36 (4, d 29-42, h 17-18), 38 (9, d 40-63, h 18-21), 40 (14, d 12/13-31, h 7-12), 41 (20, d 30-63, h 22-28), 42 (2, d 36, 59, h 15, 16), 48 [24, d 22-104 (p 328), h 25-30], 56 (12, d 28-57, h 25-27), 57 (6, d 53-69, h 20-25), 58 (3, d 52-63, h 13-23), 61 (13, d 28-50, h 17-22), 62 (6, d 34-42, h 14-18), 63 (117, d 14-52, h 17-26), 64 (106, d 16-44, h 13-23), 66 (74, d 32-72, h 17-32), 70 (2, d 45, 50, h 18, 20), 74 (1, d 47, h 11), 76 (3, d 48-62, h 22-25), 77 (1, d 86, h 19; a. 70, d 50-65, h 12-18), 81 (1, d 60, h 21), 82 (1, d 35, h 16), 86 (1, d 38, h 16), 87 (21, d 47-67, h 24-29), 89 (1, d 67, h 16), 90 (1, d 63, h 19), 92 (13, d 38-92, h 17-21), 93 (21, d 20-62, h 13-30), 94 (5, d 47-70, h 15-19), 95 (1, d 44, h 16), 96 (20, d 57-90, h 20-27), 98 (3, d 38-48, h 22), 101 (5, d 54-68, h 23-26), 106 (1, h 3), 108 (22, d 56-80, h 17-28), 109 (a. 97, d 50-60, h 20-23), 112 (1, d 21, h 8), 113 (1, d 51, h 21), 114 (10, d 60-65, h 20-23; a. 48, d 58-80, h 20-24), 118 (1, d 13, h 12), 119 [4, d 73-105 (p 330), h 22-28], 120 (10, d 2-6, h 1-4), 125 (2, d 42, 48, h 20, 23; pie krejotavas 18, d 29-55, h 11-20; 3, d 20-23, h 6-10), 126 (4, d 19-81, h 16-28), 128 (2, d 51, 53, h 27), 129 (7, d 31-48, h 20-24), 134 (11, d 33-46, h 15-16), 135 (4, d 20-34, h 15-17), 136 [4, a. 132, d 71-104 (p 328), h 22-27], 138, (1, d 69, h 22), 139 [2, d 89, 106 (p 332), h 22, 27], 140 (1, d 40, h 16), 143 (8, d 23-37, h 9-17), 145 (2, d 17, 54, h 7, 20), 149 (1, d 82, h 22), 150 (2, d 42, 52, h 18), 153 (4, d 13-26, h 7-10), 157 (2, d 72, 72, h 24), 161 (3, d 9-13, h 4-7), 164 (1, d 40, h 18), 166 (9, d 43-80, h 27-29), 172 (1, d 24, h 9), 176 (10, d 16-90, h 23-25), 179 (3, d 41-48, h 23), 181 (14, d 13-48, h 4-18), 183 (3, d 44-50, h 13-20), 185 (2, d 50, 68, h 20, 24), 191 (68, d 57-95, h 21-35), 192 (21, d 41-73, h 25-31; a. Jaunates virzienā 55, d 34-72, h 16-23), 195 (6, d 12-51, h 8-19), 196 (7, d 30-81, h 24-28; 3, d 15-20, h 10), 202 (19, d 40-81, h 24-35; 1, d 22, h 16), 203 (2, d 53, 67, h 16, 17).

Larix x polonica Racib. ex Szafer – **Polijas lapegle**. 98 (2, d 38, 54, h 16, 22), 114 (1, d 75, h 18), 119 (2, d 22, 40, h 13, 20), 129 (1, d 77, h 26), 136 (1, d 43, h 14). 144 (3, d 50-99, h 18-24), 163 (1, d 53, h 15).

Larix sibirica Ledeb. – **Sibīrijas lapegle**. 10 (6, d 21-34, h 12-18), 106 (1, d 12, h 6), 192 (1, d 89, h 24).

Picea abies ‘Ohlendorffii’ – **parastā egle** (cv.). 119 (3, d 27-40, h 10-15), 143 (1, h 3).

Picea abies ‘Pumila’. 24 (1, h 0,7).

Picea engelmannii Parry ex Engelm. – **Engelmana egle**. 10 (1, d 6-8/16, h 3-9), 24 (2, d 6, 9, h 7), 120 (2, d 11, 18, h 8, 9), 143 (1, d 10, h 8), 154 (1, d 7, h 5), 180 (1, d 27, h 13), 202 (1, d 9, h 6).

Picea engelmannii ‘Glauca’. 180 (2, d 9, 14, h 7, 9).

Picea glauca (Moench) Voss – **zilganā egle**. 10 (5, d 13-25, h 11-16), 16 (3, d 18-27, h 10-12), 24 (4, d 15-20, h 9-11), 40 (6, d 11-22, h 4-7), 81 (1, h 1,5), 97 (6, d 24-36, h 12-13), 106, 143 (3, d 8-17, h 7-10), 151 (1, d 17, h 6),

153 (3, h 2-3), 156 (1, d 8/11/17, h 10), 166 (1, d 21, h 16), 180 (3, d 18-29, h 11-13), 191 (1, d 29, h 13), 202.

Picea mariana (Mill.) Britton, Sterns & Poggenb. – **melnā egle**. 15 (1, h 1,5).

Picea omorika (Pančič) Purk. – **Serbijas egle**. 10 (1, d 7-15, h 7-13), 191 (1, d 9, h 8).

Picea pungens Engelm. – **asā egle**. 5 (2, d 32, 35, h 12, 13), 10 (10, d 11-32, h 8-13), 13 (1, d 16, h 8), 15 (1, d 20, h 14), 24 (6, d 17-31, h 11-14), 29 (8, d 13-30, h 12-16), 33 (6, d 10-24, h 7-10), 40 (3, h 3-5), 76 (1, d 13, h 9), 83 (2, d 14, 22, h 15, 17), 97 (1, d 39, h 15), 102 (2, h 1, 2), 119 (3, d 25-38, h 19-20), 121 (3, d 22-32, h 10-12), 136 (1, d 6, h 4), 143 (4, d 16-30, h 14-13), 148 (8, d 12-16, h 3-7), 151 (4, d 10-18, h 8-13), 154 (46, h 14-26, h 8-15), 155 (5, d 10-31, h 8-14), 161 (1, d 26, h 12), 163 (5, h 1), 180 (2, d 18, 19, h 10, 11), 181 (28, d 13-27, h 7-15), 184 (39, d 13-23, h 7-13), 185 (10, d 7-36, h 3-18), 187 (3, d 16-32, h 8-13), 194 (1, d 25, h 10), 195 (5, d 15-27, h 9-12), 202 (4, d 8-17, h 5-9).

Picea pungens ‘Argentea’. 10 (4, d 4-11, h 3-5).

Picea pungens ‘Glauca Pendula’. 10 (1, d 23, h 14).

Picea pungens ‘Koster’. 10 (2, d 3, 4, h 2), 33 (2, d 21, 22, h 6, 14), 59 (5, d 9-17, h 8-9), 143 (3, d 15-26, h 8-10), 154 (4, d 20-21, h 6-10), 191 (1, h 2), 195 (1, d 15, h 8), 202 (4, d 6-8, h 4-5).

Picea pungens ‘Viridis’. 16 (1, d 24, h 14), 59 (2, d 11, 18, h 6, 8), 184 (1, d 20, h 11).

Pinus banksiana Lamb. – **Benksa priede**. 191 (1, d 28, h 22).

Pinus cembra L. – **Eiropas ciedrupriede**. 10 (2, d 35, 46, h 11), 94 (1, d 23, h 20), 114 (6, d 44-77, h 16-23), 121 (3, d 23-43, h 8-11), 134 (7, d 7-13, h 4-10), 192 (2, d 34, 46, h 14, 15, koki apkaltuši).

Pinus contorta Douglas ex Loudon var. *latifolia* Engelm. – **Klinškalnu priede**. 10 (3, d 25-32, h 16-21), 40 (1, d 18/19, h 5), 143 (1, d 15, h 10).

Pinus mugo Turra – **krūmveida kalnupriede**. 16 (h 0,5).

Pinus mugo Turra f. *aplanata* (Willk.) K. I. Chr. 24 (3, d 6-14, h 5-6), 97 (2, d 8, 11, h 3, 5), 143, 154 (2, h 2, 3).

Pinus nigra Arnold – **melnā priede**. 10 (1, d 6, h 4), 76 (1, d 44, h 22), 191 (1, d 49, h 30).

Pinus peuce Griseb. – **Maķedonijas priede**. 40 (11, d 14/18-27, h 7).

Pinus x rotundata Link – **ieapaļā kalnupriede**. 15 (2, h 2,5), 120 (5, d 6-15, h 4-5), 187 (2, d_{max} 8, h 2, 4).

Pinus sibirica Du Tour – **Sibīrijas ciedrupriede**. 2 (1, d 28, h 11), 8 (3, d 56-58, h 22-24), 10 (2, d 40, 53, h 10, 13; 1, d 15/30, h 9), 15 (1, d 27/35, h 16), 48 (1, d 30, h 13), 83 (2, d 24, 40, h 16, 17), 87 (9, d 25-44, h 16-17), 88 (1, d 18, h 15), 91 (1, d 50, h 15), 94 (2, d 23, 28, h 16, 18), 95 (1, d 40, h 20), 97 (1, d 38, h 11), 114 (4, d 49-55, h 17-23), 129 (1, d 21, h 13), 143 (1, d 12, h 7), 153 (1, d 19, h 17; 1, d 6, h 4), 157 (1, d 16, h 12), 185 (4, d 21-35, h 10-13), 192 (1, d 34, h 11, koks apkaltis), 202 (2, d 24, 35, h 20, 24).

Pinus strobus L. – **Veimutpriede.** 8 (3, d 54-58, h 23-24), 10 (4, d 8-14, h 6-10), 31 (1, d 94, h 25), 35 (1, d 39, h 28), 80 (1, d 86, h 22), 88 (1, d 35, h 20), 93 (1, d 68, h 26), 108 (11, d 32-75, h 28-38), 114 (2, d 61, 62, h 23, 26), 120 (2, d 16, 28, h 13, 14), 135 (9, d 22-35, h 16-22), 165 (starp Skaņokalnu un Valtenbergu 1, d 53, h 27), 191 (3, d 40-60, h 15-32).

Pinus sylvestris (Darmštaates) – **Darmštaates priede.** 108.

Pseudotsuga menziesii (Mirb.) Franco var. *menziesii* – **zalā duglāzija.** 29 (1, d 46, h 18), 40 (1, d 17, h 6), 168 (2, h 2), 180 (2, d 30, 33, h 13, 15), 191 (1, d 48, h 31; 3, d 3, 15, h 5, 8).

Pseudotsuga menziesii (Mirb.) Franco var. *glaucia* (Beissn.) Franco – **zilganā duglāzija.** 24 (3, d 13-28/29, h 8-17), 40 (6, d 17-19, h 5), 62 (11, d 21-51, h 7-14), 76 (2, d 7, 10, h 5, 6), 87 (3, d 44-45, h 18-19), 102 (2, d 7, 8, h 5, 6), 121 (1, d 29, h 10), 143 (2, d 23, 40, h 13, 15), 154 (17, d 16-29, h 8-13), 155 (1, d 3/7/18, h 11), 180 (3, d 18-19/28, h 10-15), 192 (2, d 22, 34, h 15, 22).

Taxus cuspidata Siebold & Zucc. – **Tālo Austrumu īve.** 191 (2, h 2).

Thuja occidentalis L. – **rietumu tūja.** 1 (3, d 6-7/8/10, h 3-4), 2 (1, d 8, h 3), 4 (1, d 19, h 7), 5 (3, d 8-16, h 3-5), 8 (2, d 44, 38/43/45, h 15, 17), 9 (3, d 8-40, h 7-10), 10 (4, d 14-21, h 5-8), 13 (4, d 11-29/32, h 9-10), 15 (27, d 26-32, h 6-13; terasēs n cirptas), 16 (15, d 3-32/34, h 5-14), 19 (1, d 17/30, h 12), 22 (4, d 8-23, h 8-9), 28 (19, d 4-11, h 4-5; dzīvž.), 29 (1, d 16, h 8), 30, 33 (7, d 10-16, h 7-10), 35 (2, d 11/14, 20/20, h 9, 10), 38, 41 (4, d 17-19, h 5-6), 43, 47 (1, d 18/20/22, h 7), 48 (1, d 31, h 11), 49, 52 (1, d 26, h 8), 53 (1, d 16/18, h 7), 55 (1, d 9/17, h 7), 57 (2, d 19, 24/24, h 11, 13), 60 (2, d 20, 22, h 6, 7), 61 (2, d 20/22, 7/24, h 6, 7), 62 (2, d 25, h 8, 9), 68 (6, d 10-28, h 7-9), 69 (rinda, h 4), 74 (1, d 21, h 7), 76 (1, d 33, h 9), 80-82, 83 (25, d 14-28, h 6-15), 84 (1, d 18, h 6), 86 (3, d 13/28-27, h 8), 87 (6, d 14-30, h 5-9), 90 (1, d 20, h 10), 93 (15, d 20-30, h 14-15), 95 (1, d 39, h 11), 96, 97, 99 (4, d 7/8/8-10/18, h 5-8), 101 (1, d 42, h 12; dzīvž., h 4), 105 (1, d 38, h 11), 106, 109 (1, d 38, h 11), 110 (1, d 19, h 20), 113 (2, d 11/21, 15/22/36, h 7, 8), 119 (25, d 13/15-30, h 8-15), 120 (3, d 5/8/10/18/22-22, h 8-9; cirpts dzīvž.), 121 (2, d 10/13, 21, h 8), 123 (3, d 12-25, h 6-7), 125 (3, d 16-27, h 8-15), 126, 127 (1, d 20, h 9), 128 (3, d 11-31, h 9), 129 (1, d 19, h 4), 130 (2, d 26, 49, h 8, 10), 131 (1, d 12, h 4), 132 (2, d 18, 34, h 5, 9), 133 (10, d 12-27, h 5-8), 134 (5, d 7-13, h 5-6), 136 (1, d 20/23/41, h 12), 137, 138 (2, d 13, 18, h 4, 10), 139 (3, d 12/14/16-18/20/22, h 5-8), 140 (7, d 10-26, h 4-7), 143 (7, d 4-12, h 6-7), 145 (3, d 26/32-41, h 10-12), 147 (1, d 21, h 10), 148, 149 (9, d 18-25, h 8-9), 150, 151 (14, d 8/13/14-14, h 6-8), 154 (n, d 5-18, h 3-9; dzīvž.), 156 (15, d 9/12/13-22), h 5-10), 157 (13, d 12-16/22, h 8-10), 158 (4, d 7-11, h 4-5), 160 (3, d 13-25, h 6-7), 161, 163 (3, d 17-22, h 6-8), 164 (1, d 16/23, h 6), 166 (2, d 16, 40, h 12), 169 (2, h 2, 3), 170 (2, d 9/20, 20/22, h 8, 9), 172 (6, d 16-24, h 7-8), 173 (2, d 26/27, 38, h 6, 8), 180 (9, d 10/11/15/19-4/4/6/11/12, h 6-9), 181 (6, d 22-46, h 9-14), 185 (3, d 18-24, h 9-10), 188 (8, d 9-33, h 6-14), 190, 191 (12,

d 14/17-50, h 6-10), 192 (23, d 27-35, h 14-18), 194 (2, d 9, 16, h 7, 8), 195 (1, d 20/23, h 10), 196 (12, d 12-17, h 5-6), 197 (2, d 28, 37, h 9, 11), 198 (2, d 12, 14, h 6, 7), 199, 201 (2, d 19, 28, h 8, 15), 202 (1, d 41, h 14; arī jaunas), 205.

Thuja occidentalis ‘Boothii’. 40.

Thuja occidentalis ‘Columna’. 15 (3, h 2), 24 (3, d 4/12, h 7-8), 29 (12, d 8-22, h 6-12), 40 (28, h 5-8), 41 (2, d 16/16, 16/17, h 7, 9), 92 (4, h 3-5), 136 (3, d 3-6, h 3-4), 143 (10, d 8-16, h 7-8), 148 (3, h 2-3), 154 (1, d 6/13/15, h 8), 158, 194 (2, h 5-6).

Thuja occidentalis ‘Ellwangeriana’. 29 (6, d 8-21, h 7-9), 76 (3, h 2,5).

Thuja occidentalis ‘Ericoides’. 10.

Thuja occidentalis ‘Froebelii’. 62 (2), 148 (2, h 1,5), 158.

Thuja occidentalis ‘Globosa’. 40, 43, 133, 158.

Thuja occidentalis ‘Hoveyi’. 27, 40 (1, h 2).

Thuja occidentalis ‘Pumila’. 148 (2).

Thuja occidentalis ‘Rosenthalii’. 148 (6, d 3-7, h 3-4).

Thuja occidentalis ‘Salaspils’. 40 (6).

Thuja occidentalis ‘Spiralis’. 40 (2, h 8), 133 (2, h 2,5), 181 (2, d 9, 15, h 6, 7).

Thuja occidentalis ‘Wagneri’. 40 (2).

Thuja occidentalis ‘Wareana’. 62 (1, h 2), 97, 102, 148 (1, h 3), 153, 181 (1, h 1).

Thuja occidentalis ‘Wareana Lutescens’. 40 (1, h 3), 133 (2, h 0,6), 153.

Thuja occidentalis (šķirnes sēklaudži). 72.

Thuja plicata Donn ex D. Don – **milzu tūja**. 143 (h 5).

Thuja x plicatoides ‘Aureospicata’. 40 (1, h 4).

Tsuga canadensis (L.) Carrière – **Kanādas tsuga**. 15 (1, h 1,8).

Acer ginnala Maxim. – **krastu kļava**. 10, 13, 16, 24, 28, 40, 57, 59, 76, 87, 102, 106, 122, 143, 153, 180, 181, 185, 186, 194.

Acer ginnala x *A. tataricum*. 119.

Acer negundo L. – **ošlapu kļava**. 2, 10, 24, 40, 57, 72 (1, d 28/32, h 10), 87, 99 (1, d 63, h 7; 1, d 7/17, h 6), 106, 119 (1, d 29, h 12), 120, 121, 133, 143, 151 (2, d 32, 50, h 13, 15), 154 (1, d 25, h 13), 172, 180, 190, 191, 202.

Acer platanoides ‘Drummondii’ – **parastā kļava** (cv.). 106 (1, d 20, h 8).

Acer platanoides ‘Rubrum’. 62 (3, d 40-45, h 14).

Acer platanoides ‘Schwedleri’. 15 (2, d 44, 52, h 21, 26), 41 (1, d 57, h 15), 82 (1, d 38, h 13), 106 (1, d 16, h 8), 144 (2, d 26/30, 33, h 12, 18), 192 (1, d 59, h 19).

Acer pseudoplatanus L. – **kalnu kļava**. 40, 106 (1, d 16, h 8).

Acer pseudoplatanus ‘Purpurascens’. 180 (10 atv., h 4-5).

Acer rubrum L. – **sarkanā kļava**. 40 (2, h 3, 4).

Acer saccharinum L. – **sudraba kļava**. 10 (1, d 43, h 17), 35 (3, d 17-55/57, h 9-16), 36 (1, d 41, h 14), 40, (3), 144 (5, d 30-58, h 14-19), 166 [1, d 110 (p 348), h 20], 168 (1, h 2).

- Acer tataricum* L. – Tatārijas kļava. 15, 16, 106, 119, 120, 129, 133, 144, 150, 161, 187 (2, d 15, 19, h 7), 191.
- Acer tegmentosum* Maxim. – zālmizas kļava. 106, 191 (1, d 5/6/8, h 5).
- Acer ukurunduense* Trautv. & C. A. Mey. – Ukurundu kļava. 106.
- Aesculus flava* Sol. ex Hope – palsā zirkastaņa. 10 (1, d 22, h 6), 187 (1, d 29, h 6).
- Aesculus glabra* Willd. – kailā zirkastaņa. 144 (1, d 36, h 9).
- Aesculus hippocastanum* L. – parastā zirkastaņa. 8 (2, d 8/10/11/11, 67, h 8, 14), 13 (10, d 12-26, h 10-11), 14 (1, d 15/20, h 7), 15 (1, d 47, h 16), 22, 25 (1, d 2, h 2), 26 (1, h 2), 27, 28 (1, h 3), 33 (1, h 1,5), 40 (1), 41 (2, d 12, 42, h 6, 9), 42 (1, d 13, h 7), 43 (2, d 10/14, 10/13/13, h 9), 45 (1, h 1,5), 48 (6, d 15-35, h 7-10), 50 (1, d 47, h 8), 61 (2, d 28/29, 63, h 8, 14; celma atv., h 2), 69 (3, d 18/28-48, h 5-8), 83 (1, d 12, h 8), 86 (1, d 17, h 5), 87 (1, h 2), 92 (1, d 7/11, h 4), 94 (1, d 38, h 17), 95 (2, d 20/24/24, 26, h 5, 11), 97 (1, d 12/22/37, h 8), 102 (1, h 3), 106 (2, d 11/13, 14, h 5, 6), 114 (1, d 27/34, h 8), 118 (5), 120 (3, h 1), 127 (4, d 22-30, h 5-8), 129 (2, d 55, 59, h 15, 17), 130 (1, d 12, h 5), 137 (1, d 65, h 16), 140 (2, d 4, 25, h 2, 8), 143 (1, d 2, h 4), 151 (3, d 10-23, h 6), 152 (1, d 56, h 15; atv., h 3), 153 (3, d 9-12, h 4), 154 (1, d 10/18, h 7), 155 (1, d 39, h 9), 161 (jauni), 163 (2, d 46, 56, h 14), 164 (2, h 2), 166 (1, d 64/72, h 15), 170 (2, d 28/34, 29, h 8, 9; 2, h 2, 4), 172 (2, h 2), 180 (4, d 2-6, h 2-6), 181 (1, d 9, h 5; 3 jauni), 184 (3, d 18-26, h 7-8), 190 (2, d 15, h 7, 8), 191 (3, h 4-6), 192 (1, d 39, h 8), 194 (1, d 30, h 7), 195 (2, d 15/16, 17/23, h 6), 196 (1, h 4), 197 (1, d 16, h 6), 202 (4, h 1,5).
- Alnus incana* ‘Laciniata’ – baltalksnis (cv.). 83 (3, d 8-13, h 5-9), 166 (1, h 5).
- Amelanchier laevis* Wiegand – gludā korinte. 192.
- Amelanchier spicata* (Lam.) K. Koch – vārpainā korinte. 3, 8, 10, 13, 23, 27, 58, 69, 72, 76, 79, 121, 123, 129, 143, 145, 149, 150, 161, 191, 194.
- Amygdalus nana* L. – zemā mandele. 20, 23, 27, 69, 76, 118, 120, 187, 194.
- Aralia elata* (Miq.) Seem. – augstā arālija. 106.
- Aristolochia macrophylla* Lam. – pīpjukoks. 106.
- Aronia prunifolia* ‘Floribunda’ – krāšņziedu aronija. 1, 3-5, 10, 27, 40, 69, 74, 76, 79, 86, 87, 97, 102, 106, 126, 161, 168, 169, 172, 175, 176, 181, 188, 191.
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- Berberis vulgaris* ‘Atropurpurea’ – parastā bārbele (cv.). 15.
- Betula ermanii* Cham. x *B. platyphylla* Sukaczev. 106 (8, d 5-9, h 3-6).
- Betula fusca* Pall. ex Georgi – brūnais bērzs. 106 (1, d 2, h 3).
- Betula papyrifera* Marshall – papīra bērzs. 15 [1, d_{0,5} 107 (p_{0,7} 335), h 23], 16 (1, d 14, h 11), 144 (1, d 32, h 17).

- Betula pendula* ‘Crispa’ – āra bērzs (cv.). 15 (1, d 47, h 28), 40 (1, d 58, h 23), 144 (1, d 45, h 26).
- Betula pendula* ‘Youngii’. 16 (1, d 14, h 5), 99 (2, d 20, 23, h 6).
- Buxus sempervirens* L. – mūžzaļais buksis. 15, 40, 148.
- Caragana arborescens* Lam. – kokveida karagāna. 2, 3, 5, 7, 8, 10, 15, 16, 18, 20, 23, 25-29, 35, 39, 41, 43-45, 48, 53, 58, 59, 61, 68, 69, 71, 72, 76-78, 81-83, 85-87, 90, 92, 95, 96, 106, 109, 111, 112, 117-121, 123, 125, 126, 128-130, 132-134, 138, 139, 145, 149-155, 159, 160, 162, 163, 167-170, 172, 173, 176, 179-181, 190-192, 195, 196, 200-203.
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- Celastrus orbiculatus* Thunb. – apallapu kokžņaudzējs. 29, 106.
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- Cerasus avium* (L.) Moench – saldais kīrsis. 106 (9, d 8-16, h 5-6), 126, 194 (5, d 8-16, h 5-7).
- Cerasus mahaleb* (L.) Mill. – akmens kīrsis. 97.
- Cerasus pensylvanica* (L. fil.) Loisel – Pensilvānijas kīrsis. 15 (6, h 4-5), 106.
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- Chaenomeles japonica* (Thunb.) Lindl. ex Spach – Japānas henomele. 3, 10, 16, 24, 27, 28, 43, 58, 59, 69, 72, 76, 78, 84, 86, 87, 98, 99, 102, 111, 121, 143, 153, 154, 161, 181, 185, 186, 188, 192, 194, 202, 205.
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- Crataegus chlorosarca* Maxim. – melnzaļā krustābele. 40.
- Crataegus douglasii* Lindl. – Duglasa krustābele. 174 (1, d 20, h 8), 194, 201 (h 7).
- Crataegus flabellata* (Bosc) K. Koch – vēdeklā krustābele. 2, 120, 197.
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- Crataegus horrida* Medik. var. *chrysocarpa* (Ashe) Cin. – **ugunssarkanā krustābele.** 190.
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- Crataegus maximowiczii* C. K. Schneid. – **Maksimoviča krustābele.** 40.
- Crataegus remotilobata* Raikova ex Popov – **attāldaivu krustābele.** 40.
- Crataegus rivularis* Nutt. – **strautu krustābele.** 40.
- Crataegus russanovii* Cin. f. *rubella* Cin. – **Rusanova krustābele.** 143, 161, 191.
- Crataegus sanguinea* Pall. – **asinssarkanā krustābele.** 13, 120, 143.
- Crataegus submollis* Sarg. – **pamīkstā krustābele.** 2, 15, 16, 27, 38 (3, h 7), 57 (rinda, h 5), 61 (dzīvž., h 4-6), 72, 76, 87, 101 (1, h 5), 119 (1, h 7), 120, 129, 133, 180 (7, h 3-4), 194, 197 (7, d 5-6, h 3).
- Cydonia oblonga* Mill. – **parastā cidonija.** 40 (2, h 2).
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- Deutzia x lemoinei* Lemoine – **Lemuāna deicija.** 72, 97, 143, 187.
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- Juglans cinerea* L. – **pelēkais riekstkokš.** 8 (7, d 17-42/47, h 12-17; 3 jauni), 10 (1, d 26, h 10), 13 (3, d 28-42, h 10-13), 15 (6, d 20-84, h 13-17), 28 (1, d 77, h 15), 29 (3, d 21/25-55, h 8-17), 62 (atv., h 2-3), 69 (1, d 40, h 8), 72 (1, d 44, h 12), 77 (1, d 48, h 11), 88 (atv.), 89 (1, d 22/22, h 9), 95 (1, d 50, h 13), 101 (1, d 7/16, h 6), 106 (1, d 9/13/15/16/18, h 10), 114 (2, d 48, 67, h 14; atv.), 119 (5, d 26-51/53/58, h 15-20), 120 (2, h 2), 129 (1), 134 (1, d 42, h 14), 143 (1, h 4), 144 (2, d 34, 37, h 14, 16), 147 (1, d 51, h 15), 155 (1, d 57, h 16), 160 (2, d 45, 74, h 11, 13), 165 (starp Skaņokalnu un Valtenbergu 10, h 8), 166 [2, d 20-40 (8 stubri), 45, h 14], 176 (2, d 54, 53/54/54, h 14, 23), 179 (2, d 32, 40, h 7, 13), 180 (4, d 11-18, h 6-9), 185 (2, d 28/34, 32, h 13, 14), 43 d 13-44, h 4-27), 194 (1, d 30, h 9).
- Juglans mandshurica* Maxim. – **Mandžūrijas riekstkokš.** 10 (1, d 20/30/35, h 14), 29 (8, d 10-34, h 5-23), 106, 154 (2, h 6).
- Juglans nigra* L. – **melnais riekstkokš.** 154 (3, h 2).
- Juglans regia* L. – **īstais riekstkokš.** 154 (3, h 3-4).
- Laburnum alpinum* (Mill.) Bercht. & J. Presl – **alpīnais zeltlietus.** 76.
- Laburnum anagyroides* Medik. – **parastais zeltlietus.** 154 (3, h 1).
- Laburnum x watereri* (Kirchn.) Dippel – **Voterera zeltlietus.** 196 (2, h 2,5, 3).
- Ligustrum vulgare* L. – **parastais ligustrs.** 2, 13, 15, 16, 26, 28, 41, 44, 69, 72, 86, 101, 102, 106, 120, 143, 148, 153, 154, 160, 188, 202, 205.
- Lonicera albertii* Regel – **Alberta sausserdis.** 99.
- Lonicera caprifolium* L. – **parastais vīteņsausserdis.** 13, 55, 61, 79, 87, 89, 103, 123, 125, 130, 137, 140, 192, 198.
- Lonicera dioica* L. – **zilganzaļais vīteņsausserdis.** 185.
- Lonicera edulis* Turcz. ex Freyn – **ēdamais sausserdis.** 106.
- Lonicera involucrata* (Richardson) Banks ex Spreng. – **seglapu sausserdis.** 106.
- Lonicera maximowiczii* (Rupr.) Regel – **Maksimoviča sausserdis.** 106.
- Lonicera periclymenum* L. – **Vācijas vīteņsausserdis.** 29, 106, 197.
- Lonicera ruprechtiana* Regel – **Ruprehta sausserdis.** 144, 185.
- Lonicera tatarica* L. – **Tatārijas sausserdis.** 8-10, 13-15, 31, 41, 57, 72, 76, 99, 101, 119, 126, 129, 150, 153, 154, 185, 196, 205.
- Lonicera tatarica* ‘Alborosea’. 24.
- Louiseania triloba* (Lindl.) Pachom. – **trīsdaivu luiziānija.** 27, 29, 47.
- Mahonia aquifolium* (Pursh) Nutt. – **parastā mahonija.** 97, 120, 181, 192.
- Malus baccata* (L.) Borkh. – **ogu ābele.** 95, 106, 185.
- Malus prunifolia* (Willd.) Borkh. – **plūmjalapu ābele.** 35, 85 (1, d 36, h 9), 166 (1, d 25, h 10).
- Malus sieboldii* (Regel) Rehder – **Zībolda ābele.** 76 (2, h 3).
- Malus sieversii* ‘Niedzwetzkyana’ – **Ņedzvecka ābele.** 15.
- Malus x zumi* (Matsum.) Rehder var. *calocarpa* (Rehder) Rehder – **skaistaugļu dzumi ābele.** 10 (1, h 5), 119 (3, d 9/10/11-20, h 6-7), 155 (2), 161 (2, h 2), 180 (31, d 8-15, h 5-6).

- Morus alba* L. – baltais zīdkoks.** 191 (1, h 2).
- Padus maackii* (Rupr.) Kom. – Māka ieva.** 15 (1, d 5/7, h 8), 40 (3, d 10/11-13, h 6), 106 (1, d 10/13/14, h 7), 191 (2, d 7, 32, h 4, 12).
- Padus serotina* (Ehrh.) Borkh. – vēlā ieva.** 40 (3, h 5-8), 106 (1, h 5), 180 (1, d 18, h 8; 5, h 1-3), 187 (1, h 5).
- Padus virginiana* (L.) M. Roem. – Virdžinijas ieva.** 40, 106 (1, d 14, h 8), 154.
- Parthenocissus inserta* (A. Kern.) Fritsch x *P. quinquefolia* – hibrīdmežvīns.** 4, 5, 15, 25, 26, 29, 41, 44, 51, 65, 78, 79, 84-86, 106, 112, 132, 136, 169-172, 175, 176, 191, 204.
- Parthenocissus quinquefolia* (L.) Planch. – pieclapu mežvīns.** 13, 14, 22-24, 27, 29, 33, 38, 43, 56, 57, 69, 72, 81, 96, 97, 101, 102, 106, 118, 125, 138, 143, 151, 156, 157, 159-161, 181, 190, 192, 194, 198.
- Phellodendron amurense* Rupr. – Amūras korkkoks.** 10 (2, d 7, 21, h 7, 11), 40 (2, h 2, 4), 95 (1, d 9/16/22, h 7), 106 (2, d 8, 15, h 5, 7), 119 (2, d 31, 32, h 10), 180 (1, d 14, h 9).
- Philadelphus coronarius* L. – parastais filadelfs.** 1-6, 8-10, 12, 14-16, 18, 20, 22-25, 27, 28, 31, 33, 37, 38, 40-45, 47-50, 52-54, 56, 58, 59, 61, 62, 65, 68, 69, 72, 77, 78, 80-84, 86-90, 92, 95, 96, 101, 103, 106, 107, 109, 111, 113-116, 119-122, 124-130, 132, 134, 136, 138, 140, 143, 145-147, 149-151, 153, 156-158, 160, 162-164, 167-176, 185, 188, 190, 191, 194-198, 200-202.
- Philadelphus coronarius* ‘Aureus’.** 119.
- Philadelphus floridus* Beadle – krāšņais filadelfs.** 55, 70, 72, 95, 148, 153.
- Philadelphus x lemoinei* ‘Erectus’ – Lemuāna filadelfs (cv.).** 16, 22, 40, 43, 62, 143, 148, 158, 160, 181, 184-186, 205.
- Philadelphus lewisii* Pursh var. *lewisii* – Luisa filadelfs.** 43.
- Philadelphus lewisii* Pursh var. *gordonianus* (Lindl.) Koehne – Gordonā filadelfs.** 27, 190.
- Philadelphus x nivalis* Jacques – sniega filadelfs.** 10, 15, 16, 27, 33, 59, 72, 88, 96, 99, 106, 118, 148, 154, 162, 181, 185, 187, 192, 194, 205.
- Philadelphus pubescens* Loisel. var. *pubescens* – pūkainais filadelfs.** 3, 10, 16, 26, 27, 35, 41, 58, 72, 87, 99, 118, 154, 159, 161, 172, 176, 181, 185, 190.
- Philadelphus pubescens* Loisel. var. *verrucosus* (Schrad.) S. Y. Hu – kārpainais filadelfs.** 2, 10, 13, 24, 27, 29, 56, 59, 70, 76, 97, 99, 101, 102, 106, 120, 133, 143, 151, 154, 156, 158, 167, 180, 184, 187, 191, 194.
- Philadelphus x virginialis* ‘Virginal’ – jaunavīgais filadelfs.** 10, 20, 40.
- Philadelphus* ‘Dame Blance’.** 195.
- Philadelphus* (šķirnes).** 137, 160.
- Physocarpus opulifolius* (L.) Maxim. – irbeņlapu fizokarps.** 2, 3, 9, 15, 16, 24, 27, 33, 35, 40, 41, 72, 80, 97, 101, 102, 119, 120, 129, 131, 143, 145, 154, 160, 162, 180, 183, 185, 187, 188, 192.
- Populus alba* L. - baltā apse.** 16 (4, d 20-28, h 8-12; atv.), 25 (15, d 9-44, h 9-16), 38 [1, d 104 (p 327), h 22; 22, d 78-100 (p 314), h 18-20; 8, d 20-42, h 9-

15], 44 [1, d 95 (p 300), h 17; atv., h 6], 76 (atv.), 77 (2, d 51, 52, h 17; atv., h 3), 95 (1, d 53, h 16), 118 (3, d 63-98, h 23-28; 15, d 16-42, h 11-20; atv., h 2-6), 129 (34, d 10-34, h 8-16), 134 (1, d 96, h 21; 3, d 35-48, h 13-17; 7, d 7-18, h 7-12), 147 [1, d 120 (p 378), h 28; 7, d 49-77, h 18-22; atv., h 5], 157 (6, d 22-74, h 17-22), 160 [1, d 124 (p 390), h 23; 2, d 21, 29, h 15; atv., h 8], 181 (1, d 26, h 15), 190 (2, d 28/44/48, 40/42, h 19, 20), 192 (1, d 70, h 23), 202 [1, d 140 (p 440), h 26; 4, d 7-10, h 8-9].

Populus balsamifera L. – **balzampapele**. 18 (2, d 37, 53, h 16, 18; 3, d 12-32, h 12-16), 84 (3, d 6-12, h 7-8), 98 (2, d 23, 35, h 17; atv.), 113 (4, d 12-24, h 7-8), 124 (4, d 21-48, h 10-14), 183 (1, d 67, h 20).

Populus balsamifera x *P. nigra* (Hybrid № 42). 68 (4, d 23-58, h 12-18).

Populus x berolinensis ‘B’ – **Berlīnes papele** (B tips). 16 (~ 80, d 15-68, h 17-22), 23 (3, d 53-56, h 22-24), 45 (1, d 62, h 16), 57 (1, d 84, h 30; atv., h 8), 72 (1, d 35, h 12; 5, d 11-14, h 11-14), 85 (4, d 39-40, h 14-15), 129 (15, d 8-44, h 8-19), 154 (31, d 17-33, h 18-20), 156 (2, d 59, 62, h 16, 17; atv., h 2), 158 (35, d 29-87, h 9-23), 161 (5, d 17-68, h 22-27), 181 (2, d 82, 88, h 27, 28), 195 (2, d 59, 90, h 26), 204 (1, d 62, h 26).

Populus x canadensis ‘Harf’ – **Kanādas papele** (cv.). 16 [10, d 55-108 (p 340), h 18-24], 154 (2, d 53, 58, h 24, 27).

Populus x canadensis ‘Marilandica’. 16 (6, d 76-94, h 20-22), 23 (1, d 53, h 15), 50 (12, d 30-75, h 17-22), 106 (1, d 31/31, h 14), 120 (4, d 60-88, h 18-20), 126 (2, d 63, 70, h 25), 136 (rindas, d 13-42, h 8-11), 154 (1, d 62, h 22), 201 (16, d 43-94, h 18-21), 205 (1, d 34, h 14).

Populus x canadensis ‘Regenerata’. 59 [1, d 102 (p 320), h 22], 191 (1, d 65, h 26).

Populus x canadensis ‘Serotina’. 10 (1, d 56, h 26), 44 [5, d 45-122 (p 382), h 17-22], 77 (2, d 30/42/44, 57/58, h 20), 105 [1, d 105 (p 332), h 22], 143 (1, d 23/37/67, h 16).

Populus x canescens (Aiton) Sm. – **pelēcīgā apse**. 10 (4, d 24-31, h 20-22; atv.), 18 (8, d 30-80, h 19-20; 9, d 16-20, h 15; atv.), 119 (10, d 62-78, h 26-29; 10, d 20-42, h 16-19; atv., h 9), 145 (3, d 28-40, h 15-17; 7, d 9-16, h 10-13).

Populus x generosa Henry – **radītā papele**. 180 (10, d 29-70, h 20-25).

Populus laurifolia Ledeb. – **laurlapu papele**. 10 (1, d 44, h 18), 119 [1, d 95 (p 301), h 26; 7, d 31-41/58, h 23-25], 121 (2, d 36/47, 58, h 13, 15), 151 (10, d 17-63, h 17-23; 4, d 10-14, h 5-9), 152 (1, d 27, h 17), 192 (6, d 39-69, h 21-25; 6, d 27-30, h 9-16), 205 (cirptas, h 10-15).

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- 10), 175 (5, d 18-30, h 7-11), 195 (28, d 24-32, h 13-15; rinda gar ceļu), 205 (36, h 2-14, h 3-8).
- Populus longifolia* Fisch. – **garlapu papele**. 4 (1, d 10, h 6), 79 (14, d 9, h 1-4), 85 (2, d 16, 32, h 8, 11; atv.), 106 (18, d 15-24, h 10-13), 115 (1, d 19, h 9 atv., h 5), 142 (6, d 7-14, h 5-8).
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- Populus x petrowskyana* (R. I. Schröd. ex Regel) Dippel – **Petrovskas papele**. 41 (8, d 28-65, h 16-23), 104 (45, d 23-42, h 14-17), 119 [1, d 95 (p 300), h 30], 120 (5, d 5-29, h 6-11), 144 [3, d 146-166 (p 464-520), h 28-30; 1, d 23, h 11], 151 (9, d 49-64, h 20-23), 153 (53, d 14-35, h 6-12), 182 (3, d 48-57, h 23), 186 (3, d 80-90, h 22-26), 187 (3, d 62-82, h 23-27), 201 (12, d 14-40, h 18-19), 205 (8, d 16-41, h 9-17; cirptas, d 10-15, h 5).
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- Tilia x europaea* L. – **Holandes liepa**. 15 (2, d 52, 66, h 17; rindas gar ceļu, d 11-26, h 13-17), 38 (9, d 44-79, h 15-21), 40 [2, d 62, 108 (p 341), h 18, 23], 76 (9, d 44-69, h 16-18), 118 (1, h 1,7), 119 [1, d 108 (p 342), h 18; 49, d 36-84, h 23-27; a. uz baronu kapiem 86, d 34-63, h 15-25, kādreiz cirptas], 143 (9, d 25-33, h 11-12), 145 (6, d 40-61, h 19), 180 (13, d 19-34, h 8-13), 187 (5, d 17-20, h 8-10).
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- Tilia platyphyllos* Scop. var. *cordifolia* (Besser) Cin. 87 (6, d 44-60, h 14-22), 118 (1, h 1,7), 144 (2, d 8/19, 65, h 9, 19).
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- Ulmus glabra* ‘Exoniensis’. 101 [2, d 14-25 (n stumbri), h 7, 8].
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- Ulmus minor* Mill. f. *suberosa* (Moench) Cin. – korķainā stepju goba. 15 (1, d 13, h 8).
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Trees and Shrubs of the Dendrological Objects in Valmiera District

Maija Bice, Dzintra Knape, Dagnija Šmite

Summary

Keywords: indigenous species, exotic species, trees, shrubs, Valmiera District.

The inventory of indigenous and exotic tree and shrub species in Valmiera District was carried out in 1974 – 1996. In total, 205 dendrological objects were inventoried and 55 indigenous and 314 exotic tree and shrub taxa were registered.