

## A. WILD-COLLECTED SEEDS

### 1. SEEDS COLLECTED IN 2024

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1. *Achillea millefolium* L. – warmińsko-mazurskie – Sulejki, meadow by the lake –  
53°98'99,93"N; 22°28'44,46"E; 09.11
2. – *ptarmica* L. – mazowieckie – Dręszew, meadows by the Bug River – 52°31'10,32"N;  
21°16'54,55"E; 81.7 m a.s.l.; 13.08;
3. – – – podlaskie – Samule, meadows by the Pisa River –  
53°37'13,17"N; 21°78'77,23"E; 28.08
4. *Alisma plantago-aquatica* L. – podlaskie – Łoje Awissa, near the Wissa River  
– 53°37'95,902"N; 22°44'39,056"E; 18.09
5. *Allium angulosum* L. – mazowieckie – Dręszew, meadows by the Bug River –  
52°31'10,32"N; 21°16'54,55"E; 81.7 m a.s.l.; 13.08;
6. *Armeria maritima* (Mill.) Willd. – mazowieckie – Topolina –  
52°47'94,77"N; 20°86'60,39"E; 15.07
7. – – – (Mill.) Willd. – podlaskie – Samule, meadows by the Pisa River –  
53°37'13,17"N; 21°78'77,23"E; 28.08
8. *Berteroa incana* (L.) DC. – mazowieckie – Raźny, near the floodbank by the Bug River  
– 52°65'29,62"N; 21°73'75,56"E; 24.09
9. *Butomus umbellatus* L. – podlaskie – Łoje Awissa, near the Wissa River –  
53°37'95,902"N; 22°44'39,056"E; 18.09
10. *Campanula persicifolia* L. – warmińsko-mazurskie – Wolisko, forest road –  
54°09'38,09"N; 22°10'40,66"E; 20.09
11. – *rotundifolia* L. – warmińsko-mazurskie – Jelonek, meadow by the roadside –  
54°09'85,48"N; 22°18'17,07"E; 12.09
12. *Carlina vulgaris* L. – warmińsko-mazurskie – Jelonek, meadow by the roadside –  
54°09'85,48"N; 22°18'17,07"E; 12.09

13. *Centaurea jacea* L. – mazowieckie – Dręszew, meadows by the Bug River –  
52°31'10,32"N; 21°16'54,55"E; 81.7 m a.s.l.; 13.08;
14. – *scabiosa* L. – mazowieckie – Warszawa, lawn by the roadside –  
52°09'20,232"N; 21°2'29,616"E; 100 m a.s.l.
15. *Chaerophyllum aromaticum* L. – warmińsko-mazurskie – Leśny Zakątek, glade by the  
roadside – 53°98'99,93"N; 22°28'44,46"E; 11.09
16. *Cirsium oleraceum* (L.) Scop. – warmińsko-mazurskie – Leśny Zakątek, glade by the  
roadside – 53°98'99,93"N; 22°28'44,46"E; 11.09
17. – *palustre* (L.) Scop. – mazowieckie – Czarnotrzew, near the Omulew River –  
53°17'76,887"N; 21°36'07,029"E; 29.08
18. – *vulgare* (Savi) Ten. – mazowieckie – Czerwony Bór, forest road –  
52°97'59,53"N; 22°07'83,83"E; 08.08
19. *Cnidium dubium* (Schkuhr) schmeil & Fitschen = *Kadenia dubia* (Schkuhr) Lavrova  
& V.N. Tikhom – mazowieckie – Rażny, near the floodbank by the Bug River –  
52°65'29,62"N; 21°73'75,56"E; 24.09
20. *Convallaria majalis* L. – warmińsko-mazurskie – Jelonek, forest –  
54°09'85,48"N; 22°18'17,07"E; 12.09
21. *Crataegus monogyna* Jacq. – warmińsko-mazurskie – Jelonek, roadside –  
54°09'85,48"N; 22°18'17,07"E; 12.09
22. *Cuscuta lupuliformis* Krock. – mazowieckie – Rażny, near the floodbank by the Bug  
River – 52°65'29,62"N; 21°73'75,56"E; 24.09
23. – *vulgaris* Pers. = *Cuscuta europaea* L. – mazowieckie – Warszawa (Praga Północ),  
riparian by the Wisła River – 52°25'62,02"N; 21°01'81,56"E; 14.08
24. *Cytisus scoparius* (L.) Link – mazowieckie – Czerwony Bór, forest road –  
52°97'22,03"N; 22°03'76,2"E; 08.08
25. *Daucus carota* L. – mazowieckie – Mostówka, railway embankment –  
52°52'98,321"N; 21°44'92,235"E; 02.10
26. – – – mazowieckie – Rażny, near the floodbank by the Bug River –  
52°65'29,62"N; 21°73'75,56"E; 24.09
27. – – – warmińsko-mazurskie – Wolisko, forest road –  
54°09'38,09"N; 22°10'40,66"E; 20.09
28. – – – zachodniopomorskie – Sławno, dirt road next to a crop field –  
54°22'37,776"N; 16°41'7,692"E; 35 m a.s.l.

29. *Dianthus cartusianorum* L. – mazowieckie – Rząśnik, dirt road –  
52°72'65,490"N; 21°39'53'463"E; 05.09
30. *Echium vulgare* L. – mazowieckie – Czerwony Bór, glade in the forest –  
52°98'04,91"N; 22°03'43,06"E; 08.08
31. *Erigeron acris* L. – mazowieckie – Rząśnik, dirt road –  
52°72'65,490"N; 21°39'53,463"E; 05.09
32. *Eryngium planum* L. – mazowieckie – Dręszew, meadows by the Bug River –  
52°31'10,32"N; 21°16'54,55"E; 81.7 m a.s.l.; 13.08;
33. – – – mazowieckie – Rażny, near the floodbank by the Bug River –  
52°65'29,62"N; 21°73'75,56"E; 24.09
34. *Euonymus europaeus* L. – warmińsko-mazurskie, Piławąg lake area –  
54°12'35,87"N; 22°15'92,26"E; 11.09
35. – *verrucosus* Scop. – warmińsko-mazurskie – Jelonek, forest –  
54°04'20,33"N; 22°21'94,12"E; 12.09
36. *Eupatorium cannabinum* L. – mazowieckie – Czarnotrzew, near the Omulew River –  
53°17'76,887"N; 21°36'07,029"E; 29.08
37. – – – mazowieckie – Rząśnik, dirt road – 52°72'65,490"N; 21°39'53,463"E; 05.09
38. – – – warmińsko-mazurskie – Leśny Zakątek, forest road –  
54°09'85,48"N; 22°18'17,07"E; 11.09
39. *Filipendula ulmaria* L. (Maxim.) – mazowieckie – Rażny, near the floodbank by the  
Bug River – 52°65'29,62"N; 21°73'75,56"E; 24.09
40. – – – podlaskie – Samule, meadows by the Pisa River –  
53°37'13,17"N; 21°78'77,23"E; 28.08
41. – – – warmińsko-mazurskie – Leśny Zakątek, forest road –  
54°09'85,48"N; 22°18'17,07"E; 11.09
42. *Filipendula vulgaris* Moench – podlaskie – Samule, meadows by the Pisa River –  
53°37'13,17"N; 21°78'77,23"E; 28.08
43. *Frangula alnus* Mill. – mazowieckie – Mostówka, railway embankment –  
52°52'98,321"N; 21°44'92,235"E; 02.10
44. *Galium boreale* L. – mazowieckie – Wilczogęby, meadow by the roadside –  
52°65'49,282"N; 21°77'23,925"E; 24.09
45. *Helianthemum nummularium* (L.) Mill. – podlaskie – Samule, meadows by the Pisa  
River – 53°37'13,17"N; 21°78'77,23"E; 28.08

46. *Helichrysum arenarium* (L.) Moench – mazowieckie – Czerwony Bór, forest road –  
52°98'04,91"N; 22°03'43,06"E; 08.08
47. —— mazowieckie – Rząśnik, dirt road – 52°72'65,490"N; 21°39'53,463"E; 05.09
48. —— mazowieckie – Topolina, – 52°47'94,77"N; 20°86'60,39"E; 15.07
49. *Heracleum sphondylium* L. – mazowieckie Rażny, near the floodbank by the Bug  
River – 52°65'29,62"N; 21°73'75,56"E; 24.09
50. *Heracleum sphondylium* L. – warmińsko-mazurskie – Leśny Zakątek, glade by the  
roadside – 54°09'85,48"N; 22°18'17,07"E; 11.09
51. *Hieracium umbellatum* L. – mazowieckie – Rząśnik, dirt road –  
52°72'65,490"N; 21°39'53,463"E; 05.09
52. *Humulus lupulus* L. – mazowieckie Rażny, near the floodbank by the Bug River –  
52°65'29,62"N; 21°73'75,56"E; 24.09
53. *Hyoscyamus niger* L. – mazowieckie – Warszawa, next to an allotment garden –  
52°13'48,108"N; 21°6'36,756"E; 82 m a.s.1.
54. *Hypericum perforatum* L. – mazowieckie – Wilczogęby, meadow by the roadside –  
52°65'49,282"N; 21°77'23,925"E; 24.09
55. *Jasione montana* L. – mazowieckie – Rząśnik, dirt road –  
52°72'65,490"N; 21°39'53,463"E; 05.09
56. *Lactuca serriola* L. – warmińsko-mazurskie – Leśny Zakątek, forest road –  
54°09'85,48"N; 22°18'17,07"E; 11.09
57. *Linaria vulgaris* Mill. – mazowieckie – Kamieńczyk, field ditch by the roadside –  
52°58'70,99"N; 21°56'84,64"E; 08.10
58. —— mazowieckie Rażny, near the floodbank by the Bug River –  
52°65'29,62"N; 21°73'75,56"E; 24.09
59. —— warmińsko-mazurskie – Leśny Zakątek, glade by the roadside –  
54°09'85,48"N; 22°18'17,07"E; 11.09
60. *Lysimachia vulgaris* L. – mazowieckie Rażny, near the floodbank by the Bug River –  
52°65'29,62"N; 21°73'75,56"E; 24.09
61. *Lythrum salicaria* L. – podlaskie – Łoje Awissa, near the Wissa River –  
53°37'95,902"N; 22°44'39,056"E; 18.09
62. *Malva moschata* L. – zachodniopomorskie – Gwiazdowo, area next to the playground  
– 54°18'28,728"N; 16°44'49,128"E; 56 m a.s.1.
63. *Medicago lupulina* L. – mazowieckie – Czerwony Bór, glade by the roadside –  
52°98'04,91"N; 22°03'43,06"E; 08.08

64. *Omalotheca sylvatica* (L.) F.W. Schultz & Sch. Bip. – warmińsko-mazurskie – Borki,  
meadow – 54°08'94,16"N; 22.19'93,28"E; 19.09
65. *Onopordum acanthium* L. – mazowieckie – Pruszków, near the Utrata River –  
52°17'36,78"N; 20°80'00,80"E; 08.08
66. *Peucedanum oreoselinum* (L.) Moench – mazowieckie – Czerwony Bór, forest road –  
52°97'59,53"N; 22°07'83,83"E; 08.08
67. ---- mazowieckie – Rząśnik, dirt road –  
52°72'65,490"N; 21°39'53,463"E; 05.09
68. *Plantago lanceolata* L. – mazowieckie – Dręszew, meadows by the Bug River –  
52°31'10,32"N; 21°16'54,55"E; 81.7 m a.s.l.; 13.08;
69. ---- podlaskie – Samule, meadows by the Pisa River –  
53°37'13,17"N; 21°78'77,23"E; 28.08
70. – major L. – mazowieckie – Dręszew, meadows by the Bug River –  
52°31'10,32"N; 21°16'54,55"E; 81.7 m a.s.l.; 13.08;
71. *Polygonum bistorta* L. = *Bistorta officinalis* Delarbre – warmińsko-mazurskie, glade  
by the roadside – 53°98'99,93"N; 22°28'44,46"E; 11.09
72. *Potentilla argentea* L. – warmińsko-mazurskie – Jelonek, meadow by the roadside –  
54°09'85,48"N; 22°18'17,07"E; 12.09
73. *Rosa canina* L. – warmińsko-mazurskie – Borki, roadside –  
54°15'8074; 22°16'02,13"E; 11.09
74. – *rugosa* L. – mazowieckie – Topolina – 52°46'97,61"N; 20°88'07,96"E; 01.09
75. *Rumex acetosa* L. – Jelonek, meadow by the roadside –  
54°09'85,48"N; 22°18'17,07"E; 12.09
76. – *crispus* L. – mazowieckie – Rażny, near the floodbank by the Bug River –  
52°65'2962, 21°73'75,56"E; 24.09
77. – *hydrolapathum* Huds. – mazowieckie – Rażny, near the floodbank by the Bug River  
– 52°65'29,62"N; 21°73'75,56"E; 24.09
78. – *maritimus* L. – podlaskie – Łoje Awissa, near the Wissa River –  
53°37'95,902"N; 22°44'39,056"E; 18.09
79. *Saponaria officinalis* L. – mazowieckie – Mostówka, railway embankment –  
52°52'98,321"N; 21°44'92,235"E; 02.10
80. ---- warmińsko-mazurskie – Leśny Zakątek, glade by the roadside –  
53°98'99,93"N; 22°28'44,46"E; 11.09

81. *Scrophularia nodosa* L. – mazowieckie – Dręszew, meadows by the Bug River –  
52°31'10,32"N; 21°16'54,55"E; 81.7 m a.s.l.; 13.08;
82. – – – warmińsko-mazurskie – Leśny Zakątek, forest road –  
54°09'85,48"N; 22°18'1707; 11.09
83. *Sedum maximum* (L.) Hoffm. = *Hylotelephium maximum* (L.) Holub – mazowieckie  
– Kamieńczyk, field ditch by the roadside – 52°58'70,99"N; 21°56'84,64"E; 08.10
84. *Serratula tinctoria* L. – Samule, meadows by the Pisa River –  
53°37'13,17"N; 21°78'77,23"E; 28.08
85. *Silene latifolia* L. – mazowieckie – Rażny, near the floodbank by the Bug River –  
52°65'29,62"N, 21°73'75,56"E; 24.09
86. – – – warmińsko-mazurskie – Leśny Zakątek, glade by the roadside –  
53°98'99,93"N; 22°28'44,46"E; 11.09
87. – *tatarica* (L.) Pers – mazowieckie – Dręszew, pine forest by the Bug River –  
52°53'14,32"N; 21°30'13,27"E; 13.08
88. – – – mazowieckie – Rząśnik, dirt road – 52°72'65,490"N; 21°39'53,463"E; 05.09
89. – – – podlaskie – Olszowa Droga, roadside –  
53°42'69,624"N; 22°59'13,604"E; 19.09
90. – *vulgaris* (Salisb.) Sm. – mazowieckie – Mostówka, railway embankment –  
52°52'98'321"N; 21°44'92,235"E; 02.10
91. – – – mazowieckie – Rażny, near the floodbank by the Bug River –  
52°65'29,62"N; 21°73'75,56"E; 24.09
92. – – – warmińsko-mazurskie – Borki, meadow –  
54°08'94,16"N; 22°19'93,28"E; 19.09
93. *Sium latifolium* L. . – mazowieckie – Czarnotrzew, near the Omulew River –  
53°17'768,87"N; 21°36'07,029"E; 29.08
94. – – – mazowieckie – Topolina – 52°47'72,57"N; 20°87'26,73"E; 01.09
95. *Soldago virgaurea* L. – mazowieckie – Rząśnik, dirt road –  
52°72'65,490"N; 21°39'53,463"E; 05.09
96. – – – podlaskie – Samule, meadows by the Pisa River –  
53°37'13,17"N; 21°78'77,23"E; 28.08
97. *Sorbus aucuparia* L. – warmińsko-mazurskie – Jelonek, forest –  
54°04'20,33"N; 22°21'94,12"E; 12.09
98. *Sparganium erectum* L. – podlaskie – Łoje Awissa, near the Wissa River –  
53°37'95,902"N; 22°44'39,056"E; 18.09

99. *Stachys officinalis* (L.) Trevis – podlaskie – Samule,  
meadows by the Pisa River – 53°37'13,17"N; 21°78'77,23"E; 28.08
100. *Tanacetum vulgare* L. – mazowieckie – Topolina –  
52°47'94,77"N; 20°86'60,39"E; 15.07
101. – – – warmińsko-mazurskie – Borki, roadside –  
54°15'80,74"N; 22°16'02,13"E; 11.09
102. – – – warmińsko-mazurskie – Leśny Zakątek, forest road –  
54°09'85,48"N; 22°18'17,07"E; 11.09
103. *Thalictrum flavum* L. – mazowieckie – Dręszew, meadows by the Bug River –  
52°31'10,32"N; 21°16'54,55"E; 81.7 m a.s.l.; 13.08;
104. – – – podlaskie – Samule, meadows by the Pisa River –  
53°37'13,17"N; 21°78'77,23"E; 28.08
105. – *lucidum* – mazowieckie – Dręszew, meadows by the Bug River –  
52°31'10,32"N; 21°16'54,55"E; 81.7 m a.s.l.; 13.08;
106. – – – warmińsko-mazurskie – Leśny Zakątek, glade by the roadside –  
54°15'75,44"N; 22°16'22,55"E; 11.09
107. *Torilis japonica* (Houtt.) DC. – mazowieckie – Goworowo, along the Goworowo-  
Warszawa road - edge of the forest – 52°88'93,99"N; 21°57'23,36"E; 08.29;
108. – – – mazowieckie – Rażny, near the floodbank by the Bug River –  
52°65'29,62"N; 21°73'75,56"E; 24.09
109. – – – warmińsko-mazurskie – Leśny Zakątek, glade by the roadside –  
53°98'99,93"N; 22°28'44,46"E; 11.09
110. *Tragopogon pratensis* L. – mazowieckie – Topolina, –  
52°47'94,77"N; 20°86'60,39"E; 15.07
111. *Trifolium arvense* L. – mazowieckie – Rząśnik, dirt road –  
52°72'65,490"N; 21°39'53,463"E; 05.09
112. – – – warmińsko-mazurskie – Jelonek, meadow by the roadside –  
54°09'85,48"N; 22°18'17,07"E; 12.09
113. *Typha angustifolia* L. – mazowieckie – Rażny, near the floodbank by the Bug River  
– 52°65'29,62"N; 21°73'75,56"E; 24.09
114. *Verbascum nigrum* L. – warmińsko-mazurskie – Leśny Zakątek, forest road –  
54°09'85,48"N; 22°18'17,07"E; 11.09
115. – – – warmińsko-mazurskie – Sulejki, meadow by the lake area –  
53°98'99,93"N; 22°28'44,46"E; 11.09

116. *Veronica longifolia* L. – mazowieckie – Dręszew, meadows by the Bug River –  
52°31'10,32"N; 21°16'54,55"E; 81.7 m a.s.l.; 13.08;

## WILD-COLLECTED SEEDS

### 2. SEEDS COLLECTED IN 2023

*Collectors: Piotr Dobrzyński, Pedro Fernandez Gonzalez, Barbara Matejak,  
Elżbieta Melon, Jowita Misztal, Agnieszka Kufel-Zaucha, Zuzanna  
Sałamacha, dr Wojciech Podstolski, Hanna Werblan-Jakubiec*

117. *Achillea millefolium* L. – mazowieckie voivodeship – Klembów, railway tracks by the Rządza River – 52°38'84,53"N, 21°33'72,34"E, 98m a.s.l.; 24.08
118. ——— mazowieckie voivodeship – Dręszew, meadows by the Bug River – 52°31'13"N, 21°24'11"E; 05.09
119. – *ptarmica* L. – mazowieckie voivodeship – Dręszew, meadows by the Bug River – 52°31'13"N, 21°24'11"E; 05.09
120. *Aethusa cynapium* L. – mazowieckie voivodeship – Warszawa-Wilanów, meadows – 52°10'17"N, 21°06'49"E; 12.09
121. *Agrimonia eupatoria* L. – mazowieckie voivodeship – Jasienica Mazowiecka, railway embankment – 52°41'41,14"N, 21°39'57,02"E; 10.09
122. *Alisma plantago-aquatica* L. – podlaskie voivodeship – Zawady (Maliszewskie lake area), field ditch by the hay meadow – 53°16'67,07"N; 22°54'29,97"E; 26.09
123. *Amaranthus retroflexus* L. – mazowieckie voivodeship – Klembów, hay meadow – 52°43'27,24"N, 21°40'54,71"E; 09.09
124. *Anthemis tinctoria* L. – mazowieckie voivodeship – Klembów, railway embankment by the Rządza River – 52°38'84,53"N, 21°33'72,34"E, 98m a.s.l.; 24.08
125. *Anthyllis vulneraria* L. – mazowieckie voivodeship – Klembów, railway tracks by the Rządza River – 52°38'84,53"N, 21°33'72,34"E, 98m a.s.l.; 03.07
126. *Armeria maritima* (Mill.) Willd. – mazowieckie voivodeship – Brzuza, meadows near the floodbank by the Bug River – 52°36'24,53"N, 21°42'04,68"E, 92m a.s.l.; 02.08

127. ---- mazowieckie voivodeship – Dręszew, meadows by the Bug River –  
52°31'38,42"N, 21°16'30,37"E, 82,1m a.s.l.; 05.09
128. *Astragalus glycyphyllos* L. – podkarpackie voivodeship – Bolestraszyce, near the  
fence – 49°48'41"N, 22°50'29"E, 203m a.s.l.; 29.07
129. ---- lubelskie voivodeship – Zwierzyniec, Bukowa Góra near nature reserve area  
– 50°58'91,77"N, 22°95'91,67"E, 310m a.s.l.; 17.08
130. ---- mazowieckie voivodeship – Klembów, dirt road by the pond –  
52°38'19,35"N; 21°32'28,34"E; 03.10
131. *Berteroa incana* (L.) DC. – mazowieckie voivodeship – Klembów, railway tracks by  
the Rządza River – 52°38'84,53"N, 21°33'72,34"E, 98m a.s.l.; 24.08
132. *Betonica officinalis* L. – lubelskie voivodeship – Łukowa, meadows by the Tanew  
River – 50°39'87,71"N, 22°95'70,23"E; 16.08
133. ---- mazowieckie voivodeship – Warszawa Wilanów, meadow –  
50°39'87,71"N, 22°95'70,23"E; 12.09
134. *Bunias orientalis* L. – mazowieckie voivodeship – Warszawa, pavel road by the  
Channel Żerański – 52°22'40,26"N, 21°02'04,61"E, 88m a.s.l.; 19.07
135. *Butomus umbellatus* L. – mazowieckie voivodeship – Sikory, bank by the Narew  
River – 52°48'44,54"N; 20°82'31,97"E; 17.09
136. *Calamagrostis epigejos* (L.) Roth – mazowieckie voivodeship – Warszawa, dune by  
the Wisła River – 52°10'17"N, 21°06'49"E; 12.09
137. *Calystegia sepium* (L.) R. Br. – mazowieckie voivodeship – Józefów, Łacha lake  
area – 52°14'03,78"N; 21°18'16,11"E; 04.10
138. *Capsella bursa-pastoris* (L.) Medik. – mazowieckie voivodeship – Klembów, near  
the railway station – 52°23'45,2"N, 21°21'10,8"E; 11.06
139. *Carex pseudocyperus* L. – mazowieckie voivodeship – Otwock, meadow/old  
riverbed by Wisła River – 52°09'47,98"N; 21°22'14,81"E; 04.10
140. *Centaurea jacea* L. – mazowieckie voivodeship – Brzuza, meadow near the  
floodbank by the Bug River – 52°36'24,53"N, 21°42'04,68"E, 92m a.s.l.; 23.07
141. ---- lubelskie voivodeship – Olchowiec, meadows by the Wirowa River –  
51°14'40"N, 23°16'36"E; 17.08
142. – *stoebe* L. – mazowieckie voivodeship – Lelis, roadside –  
53°10'45"N, 21°33'25"E, 26m a.s.l.; 05.08
143. ---- mazowieckie voivodeship – Klembów, dirt road by the ponds –  
52°38'19,35"N, 21°32'28,34"E, 24.08

144. ---- mazowieckie voivodeship – Klembów, railway tracks by the Rządza River  
– 52°38'84,53"N, 21°33'72,34"E, 98m a.s.l; 24.08
145. Chelidonium majus L. – mazowieckie voivodeship – Warszawa Imielin, roadside –  
52°09'21,1"N 21°03'05,2"E, 103m a.s.l; 05.09
146. Chenopodium acerifolium Andrz. – mazowieckie voivodeship –  
Warszawa Wilanów - Zawady, sandy bank of the Wisła river –  
52°10'17"N, 21.06'49"E; 12.09
147. Cichorium intybus L. – mazowieckie voivodeship – Józefów; Łacha lake area –  
52°14'03,78"N; 21°18'16,11"E; 04.10
148. ---- mazowieckie voivodeship – Warszawa Imielin –  
52°09'15,3"N 21°03'04,4"E; 05.09
149. Cirsium arvense (L.) Scop. – mazowieckie voivodeship – Wilczogęby, meadows  
near the floodbank – 52°40'00"N, 21°47'29"E; 02.08
150. ---- mazowieckie voivodeship – Józefów, Łacha lake area –  
52°14'13,96"N; 21°18'19,64"E; 04.10
151. Conium maculatum L. – mazowieckie voivodeship – Warszawa, pavel road by  
Channel Żerański – 52°22'40,26"N, 21°02'04,61"E, 88m a.s.l.; 19.07
152. Consolida ajacis (L.) Schur = Delphinium ajacis L. – podkarpackie voivodeship –  
Bolestraszyce, taken from the wild, escaped from breeding; dirt road –  
49°48'41"N, 22°50'29"E, 203m a.s.l.; 29.07
153. – regalis L. = Delphinium consolida L. – mazowieckie voivodeship – Lelis,  
roadside – 53°10'45"N, 21°33'25"E, 26m a.s.l.; 05.08
154. Coreopsis lanceolata L. – mazowieckie voivodeship – Brzuza, floodbank – taken  
from the wild, escaped from breeding  
52°36'24.53"N, 21°42'04.68"E, 92m a.s.l.; 23.07
155. Cornus sanguinea L. – mazowieckie voivodeship – Warszawa Wilanów, meadow –  
52°10'17"N, 21°06'49"E; 12.09
156. ---- mazowieckie voivodeship – Józefów, dirt road –  
52°07'45,2"N; 21°11'29,2"E, 88m a.s.l.; 04.10
157. Crataegus monogyna Jacq. – Józefów, Łacha lake area –  
52°14'03,78"N; 21°18'16,11"E; 04.10
158. Cynoglossum officinale L. – mazowieckie voivodeship – Tatary, along the dirt road  
– 53°14'03,98"N, 21°36'34,50"E, 108m a.s.l.; 13.07

159. *Daucus carota* L. – mazowieckie voivodeship – Jasienica Mazowiecka, wastelands by the railway tracks – 52°41'68,95"N, 21°40'22,48"E; 04.08
160. —— mazowieckie voivodeship – Klembów, dirt road by the ponds, — 52°38'19,35"N, 21°32'38,34"E; 24.08
161. —— mazowieckie voivodeship – Klembów, railway tracks by the Rządza River – 52°38'19,35"N, 21°32'38,34"E, 98m a.s.l.; 24.08
162. —— mazowieckie voivodeship – Dręszew, meadows by the Bug River – 52°31'13"N, 21°24'11"E; 05.09
163. —— mazowieckie voivodeship – Warszawa Wilanów, meadow – 52°10'17"N, 21°06'49"E; 12.09
164. —— mazowieckie voivodeship – road in Topolina – 52°47'03,50"N; 20°88'21,06"E; 17.09
165. —— podkarpackie voivodeship – Iwonicz-Zdrój, road to Przymiarki/beech forest – 49°56'09,28"N; 21°79'91,01"E; 18.10
166. *Dianthus carthusianorum* L. – podlaskie voivodeship – Gontarze, meadows by the Narew River – 53°17'91,41"N; 21°73'13,72"E; 28.08
167. – *deltoides* L. lubelskie voivodeship – Łukowa, meadows by the Tanew River – 50°39'87,71"N, 22°95'70,23"E; 16.08
168. *Echinochloa crus-galli* (L.) P.Beauv. – mazowieckie voivodeship – Warszawa, sandybank by the Wisła River – 52°10'17"N, 21°06'49"E; 12.09
169. *Echium vulgare* L. – mazowieckie voivodeship – Klembów, railway tracks by the Rządza River – 52°38'84,53"N, 21°33'72,34"E, 98m a.s.l.; 24.08
170. *Eryngium planum* L. – mazowieckie voivodeship – Warszawa Wilanów, meadow – 52°10'17"N, 21°06'49"E; 12.09
171. —— mazowieckie voivodeship – Warszawa Imielin, roadside – 52°09'14,0"N 21°03'07,5"E; 05.09
172. —— mazowieckie voivodeship – Otwock, meadow/old river by Wisła River – 52°09'47,98"N; 21°22'14,81"E; 04.10
173. *Euonymus europaeus* L. – mazowieckie voivodeship – Józefów, Łacha lake area – 52°14'13,96"N; 21°18'19,64"E; 04.10
174. —— podkarpackie voivodeship – Iwonicz-Zdrój, Mount Przedziwna/beech forest – 49°55'77,81"N; 21°77'84,21"E; 16.10
175. *Eupatorium cannabinum* L. – mazowieckie voivodeship – Dręszew, meadows by the Bug River – 52°31'10,32"N, 21°16'54,55"E, 81,7m a.s.l.; 05.09

176. ---- podkarpackie voivodeship – Iwonicz-Zdrój, Mount Przedziwna/beech forest – 49°55'73,80"N; 21°77'91,16"E
177. Filipendula ulmaria (L.) Maxim. – mazowieckie voivodeship – Brzuza, meadows near the floodbank – 52°36'24.53"N, 21°42'04.68"E, 92m a.s.l.; 02.08
178. ----- mazowieckie voivodeship – Klembów, field ditch by the hay meadow – 52°42'15,18"N; 21°40'14,32"E; 01.10
179. ----- mazowieckie voivodeship – Dręszew, meadows by the Bug River, – 52°31'10,32"N, 21°16'54,55"E; 81,7m a.s.l.; 05.09 –
180. Frangula alnus Mill. – mazowieckie voivodeship – Klembów, meadows by the ponds – 52°38'19,35"N, 21°32'38,34"E; 24.08
181. Galium aparine L. – mazowieckie voivodeship – Jasienica Mazowiecka, wastelands by the railway tracks – 52°41'68,95"N, 21°40'22,48"E; 04.08
182. ----- mazowieckie voivodeship – Józefów, Łacha lake area – 52°14'13,96"N; 21°18'19,64"E; 04.10
183. – boreale L. – mazowieckie voivodeship – Brzuza, dirt road – 52°36'24,53"N, 21°42'04,68"E, 92m a.s.l.; 02.08
184. ----- mazowieckie voivodeship – Dręszew, meadows by the Bug River – 52°31'38,42"N, 21°16'30,37"E, 82,1m a.s.l.; 05.09
185. ----- mazowieckie voivodeship – Warszawa Wilanów, meadow – 52°10'17"N, 21°06'49"E; 12.09
186. – verum L. – lubelskie voivodeship – Olchowiec, meadows by the Wirowa River – 51°14'40"N, 23°16'36"E; 17.08
187. Geranium pratense L. – podlaskie voivodeship – Pęchratka; 21.08
188. Gnaphalium sylvaticum L. Sch. Bip & F.W. Schultz – mazowieckie voivodeship – Stawy Gutocha k. Ziomka, fish ponds area – 53°22'84,06"N, 21°18'52,52"E, 109m a.s.l.; 02.07
189. Helichrysum arenarium (L.) Moench – mazowieckie voivodeship – mazowieckie voivodeship – Klembów, dirt road by the ponds – 52°38'19,35"N, 21°32'38,34"E; 24.08
190. Heracleum sphondylium L. – mazowieckie voivodeship – Rząśnik/ Pulwy, ditches by the roadside – 52°70'45,56"N; 21°42'24,00"E; 05.08
191. ----- podkarpackie voivodeship – Stary Lubliniec, deluge by the Wirowa River – 50°17'29"N, 23°04'32"E; 18.08

192. *Hieracium umbellatum* L. – mazowieckie voivodeship – Dręszew, meadows by the Bug River – 52°31'13"N, 21°24'11"E; 05.09
193. *Hordeum jubatum* L. – mazowieckie voivodeship – Warszawa Imielin,  
roadside – 52°09'21.1"N 21°03'05.4"E, 103m a.s.l.; 05.09
194. *Humulus lupulus* L. – mazowieckie voivodeship – Prom Karczew-Gassy,  
Bank by the Wisła River – 52°07'89,02"N; 21°21'30,94"E; 04.10
195. – – – mazowieckie voivodeship – Józefów, Łacha lake area –  
52°14'13,96"N; 21°18'19,64"E; 04.10
196. *Hypericum perforatum* L. – podkarpackie voivodeship – Iwonicz-Zdrój,  
Mount Przedziwna/beech forest – 49°55'73,80"N; 21°77'91,16"E; 16.10
197. *Inula britannica* L. – mazowieckie voivodeship – Dręszew, meadows by the Bug  
River – 52°31'13"N, 21°24'11"E; 05.09
198. *Jasione montana* L. – lubelskie voivodeship – Łukowa, meadows by the Tanew  
River – 50°39'87,71"N, 22°95'70,23"E; 16.08
199. – – – mazowieckie voivodeship – Dręszew, meadows by the Bug River –  
52°31'38,42"N, 21°16'30,37"E, 82,1m a.s.l.; 05.09
200. *Knautia arvensis* (L.) J. M. Coul. – mazowieckie voivodeship – Pęchratka; 04.08
201. *Linaria vulgaris* L. – mazowieckie voivodeship – Klembów, hay meadow –
202. – – – mazowieckie voivodeship – Dręszew, meadows by the Bug River –  
52°31'13"N, 21°24'11"E; 05.09
203. – – – mazowieckie voivodeship – Otwock, meadow/old riverbed by Wisła River  
– 52°09'47,98"N; 21°22'14,81"E; 04.10
204. *Lotus corniculatus* L. – mazowieckie voivodeship – Brzuza, dirt road –  
52°36'24,53"N, 21°42'04,68"E, 92m a.s.l.; 02.08
205. *Lunaria rediviva* L. – podkarpackie voivodeship – Iwonicz-Zdrój, Mount  
Przedziwna/beech forest – 49°55'73,80"N; 21°77'91,16"E; 16.10
206. *Lycopus europaeus* L. – mazowieckie voivodeship – Józefów, Łacha lake area –  
52°14'03,78"N; 21°18'16,11"E; 04.10
207. *Lysimachia vulgaris* L. – mazowieckie voivodeship – Brzuza, dirt road –  
52°36'24,53"N, 21°42'04,68"E, 92m a.s.l.; 01.10
208. *Lythrum salicaria* L. – mazowieckie voivodeship – Klembów, field ditch by the hay  
meadow – 52°42'15,18"N; 21°40'14,32"E; 01.10
209. *Matricaria chamomilla* L. – mazowieckie voivodeship – Brzuza, meadows near the  
floodbank by the Bug River – 52°36'24,53N, 21°42'04,68E, 92m a.s.l.; 23.07

210. *Medicago falcata* L. – mazowieckie voivodeship – Jasienica Mazowiecka, railway embankment – 52°41'41,14"N, 21°39'57,02"E; 10.09
211. – *x varia* Martyn – mazowieckie voivodeship – Warszawa Imielin, roadside – 52°09'21,6"N 21°03'08,5"E, 103m a.s.l.; 05.09
212. – – – mazowieckie voivodeship – Klembów, dirt road by the ponds – 52°38'19,35"N, 21°32'38,34"E, 24.08
213. – – – mazowieckie voivodeship – Klembów, railway tracks by the Rządza River – 52°38'84,53"N, 21°33'72,34"E, 98m a.s.l.; 24.08
214. *Melilotus albus* Medik. – mazowieckie voivodeship – Klembów, railway tracks by the Rządza River; 24.08
215. – – – mazowieckie voivodeship – Warszawa Wilanów, meadow – 52°10'17"N, 21°06'49"E; 12.09
216. – – – mazowieckie voivodeship – Klembów, dirt road by the ponds – 52°38'19,35"N, 21°32'38,34"E; 24.08
217. – – – mazowieckie voivodeship – Klembów, railway embankment by the Rządza River – 52°38'84,53"N, 21°33'72,34"E, 98m a.s.l.; 24.08
218. *Melilotus officinalis* (L.) Lam. – mazowieckie voivodeship – Klembów, dirt road by the ponds – 52°38'19,35"N, 21°32'38,34"E; 24.08
219. *Molinia caerulea* (L.) Moench – Karczew, forest/Czarne Lakes area – 52°06'07,77"N; 21°29'63,05"E; 04.10
220. – – – mazowieckie voivodeship – Ostrówek, pine forest/glade by the water reservoir; 03.10
221. *Oenothera biennis* L. – mazowieckie voivodeship – Klembów, railway tracks by the Rządza River – 52°38'84,53"N, 21°33'72,34"E, 98m a.s.l.; 24.08
222. *Papaver rhoeas* L. – mazowieckie voivodeship – Klembów, railway tracks by the Rządza River – 52°38'84,53"N, 21°33'72,34"E; 11.06
223. – – – mazowieckie voivodeship – Kurpiewskie, roadside by the grain field – 53°09'59,44"N, 21°40'13,39"E, 98m a.s.l.; 12.07
224. *Pastinaca sativa* L. – mazowieckie voivodeship – Klembów, railway tracks by the Rządza River – 52°38'84,53"N, 21°33'72,34"E, 98m a.s.l.; 24.08
225. *Peucedanum oreoselinum* (L.) Moench – mazowieckie voivodeship – Lelis, roadside – 53°09'59,44"N, 21°40'13,39"E, 26m a.s.l.; 05.08
226. *Phleum pratense* L. – mazowieckie voivodeship – Jasienica Mazowiecka, railway embankment – 52°41'68,95"N, 21°40'22,48"E; 10.09

227. ---- mazowieckie voivodeship – Dręszew, meadows by the Bug River –  
52°31'38,42"N, 21°16'3,37"E; 82,1m a.s.l.; 05.09
228. Pimpinella saxifraga L. – mazowieckie voivodeship – Otwock, meadow/old  
riverbed by the Wisła River – 52°09'47,98"N; 21°22'14,81"E; 04.10
229. ---- mazowieckie voivodeship – Warszawa Wilanów, meadows by the Wirowa  
River – 51°14'40"N, 23°16'36"E; 17.08
230. ---- lubelskie voivodeship – Olchowiec, meadow – 52°10'17"N, 21°06'49"E;  
12.09
231. Plantago lanceolata L. – mazowieckie voivodeship – Brzuza, meadows near the  
floodbank by the Bug River – 52°36'24,53"N, 21°42'04,68"E, 92m a.s.l.; 02.08
232. ---- mazowieckie voivodeship – Warszawa Imielin, roadside –  
52°09'13,0"N 21°03'13,2"E; 05.09
233. ---- mazowieckie voivodeship – Łukowa, meadows by the Tanew River –  
50°39'87,71"N, 22°95'70,23"E; 16.08
234. ---- mazowieckie voivodeship – Łukowa, meadows by the Tanew River –  
50°39'87,71"N, 22°95'70,23"E; 16.08
235. Plantago major L. – lubelskie voivodeship – Olchowiec, meadows by the Wirowa  
River – 51°14'40"N, 23°16'36"E; 17.08
236. ---- mazowieckie voivodeship – Warszawa Imielin, roadside –  
52°09'13,0"N, 21°03'13,3"E; 05.09
237. ---- lubelskie voivodeship – Strzyżewice, near windmill by the water reservoir –  
51°05'00,41"N, 22°44'41,61"E; 19.08
238. ---- mazowieckie voivodeship – Klembów, dirt road by the ponds –  
52°38'19,35"N, 21°32'38,34"E; 24.08
239. ---- mazowieckie voivodeship – Dręszew, meadows by the Bug River –  
52°31'38,42"N, 21°16'30,37"E; 82,1m a.s.l.; 05.09
240. ---- mazowieckie voivodeship – Wilanów, meadows – 52°10'17"N, 21°06'49"E;  
12.09
241. Potentilla argentea L. – mazowieckie voivodeship – Wilczogęby, meadows near the  
floodbank – 52°40'00"N, 21°47'29"E; 02.08
242. Reseda lutea L. – mazowieckie voivodeship – Klembów, railway tracks by the  
Rządza River – 52°38'84,53"N, 21°33'72,34"E, 98m a.s.l.; 03.07
243. ---- mazowieckie voivodeship – Jasienica Mazowiecka, railway embankment –  
52°41'41,14"N, 21°39'57,02"E; 10.09

244. *Rhinanthus serotinus* (Schonh) – mazowieckie voivodeship – Dręszew, dirt road along the old river bed – 52°52'59,64"N, 21°27'68,82"E; 84m a.s.l.; 24.06
245. *Rosa canina* L. – mazowieckie voivodeship – Józefów, Łacha lake area – 52°14'13,96"N; 21°18'19,64"E; 04.10
246. *Rumex acetosa* L. – mazowieckie voivodeship – Wilczogęby, meadows near the floodbank – 52°40'00"N, 21°47'29"E; 02.08
247. – *acetosella* L. – lubelskie voivodeship – Łukowa, meadows by the Tanew River – 50°39'87,71"N, 22°95'70,23"E; 16.08
248. – – – – mazowieckie voivodeship – Wilczogęby, meadows near the floodbank – 52°40'00"N, 21°47'29"E; 02.08
249. – *crispus* L. – mazowieckie voivodeship – Klembów, railway tracks by the Rządza River – 52°38'84,53"N, 21°33'72,34"E, 98m a.s.l.; 24.08
250. – – – – mazowieckie voivodeship – Brzuza, meadows near the floodbank by the Bug River – 52°36'24,53"N, 21°42'04,68"E; 02.08
251. – *hydrolapathum* Huds. – mazowieckie voivodeship – Klembów, field ditch by the hay meadow – 52°43'15,18"N; 21°40'14,32"E; 17.09
252. – *maritimus* L. – podlaskie voivodeship – Jurki, sandybank by the Pisa River – 53°25'58,98"N, 21°88'53,52"E; 28.08
253. – – – – mazowieckie voivodeship – Dręszew, sandybank by the Bug River – 52°31'53,71"N, 21°14'45,09"E; 82m a.s.l.; 05.09
254. – *obtusifolius* L. – mazowieckie voivodeship – Dręszew, meadows by the Bug River – 52°31'13"N, 21°24'11"E; 05.09
255. *Salvia glutinosa* L. – podkarpackie voivodeship – Iwonicz-Zdrój, beech forest – 49°55'73,80"N, 21°77'91,16"E; 16.10
256. *Saponaria officinalis* L. – mazowieckie voivodeship – Klembów, railway tracks the Rządza River – 52°38'84,53"N, 21°33'72,34"E, 98m a.s.l.; 24.08
257. – – – – mazowieckie voivodeship – Jasienica Mazowiecka, wastelands by the railway tracks – 52°41'68,95"N, 21°40'22,48"E, 04.08
258. – – – – mazowieckie voivodeship – Otwock, meadow/old riverbed by Wisła River – 52°09'47,98"N; 21°22'14,81"E, 04.10
259. *Sanguisorba officinalis* L. – mazowieckie voivodeship – Wilanów - Zawady – 52°10'17"N, 21°06'49"E; 12.09
260. – – – – podlaskie voivodeship – Pęchratka; 02.09

261. *Scrophularia nodosa* L. – lubelskie voivodeship – Olchowiec, meadows by the Wirowa River – 51°14'40"N, 23°16'36"E; 17.08
262. ---- mazowieckie voivodeship – Dręszew, meadows by the Bug River –  
52°31'13"N, 21°24'11"E; 81,7m a.s.l.; 05.09
263. ---- podkarpackie voivodeship – Iwonicz-Zdrój, road to Przemyśl/beech forest  
– 49°56'09,28"N; 21°79'91,01"E; 18.10
264. *Silene baccifera* (L.) Roth – mazowieckie voivodeship – Warszawa-Wilanów,  
meadows – 52°10'17"N, 21°06'49"E; 12.09
265. – *latifolia* L. – mazowieckie voivodeship – Brzuza, dirt road –  
52°36'24,53"N, 21°42'04,68"E, 92m a.s.l.; 02.08
266. ---- mazowieckie voivodeship – Warszawa Imielin, roadside –  
52°09'21,5"N 21°03'08,1"E, 103m a.s.l.; 05.09
267. ---- mazowieckie voivodeship – Tatarzyn, meadows by the Rozoga River –  
53°14'03,98"N, 21°36'34,50"E, 108m a.s.l.; 13.07
268. – *vulgaris* (Moench) Garcke – mazowieckie voivodeship – Lelis, roadside –  
53°10'45"N, 21°33'25"E, 26m a.s.l.; 05.08
269. ---- lubelskie voivodeship – Borowiec, wastelands by the roadside –  
50°35'62,95"N, 23°04'29,18"E; 13.08
270. ---- mazowieckie voivodeship – Klembów, dirt road by the ponds –  
52°38'19,35"N, 21°32'38,34"E, 24.08
271. *Sisymbrium loeselii* Thuill. – mazowieckie voivodeship – Klembów, railway tracks  
by the Rządza River – 52°38'84,53"N, 21°33'72,34"E, 98m a.s.l.; 24.08
272. *Solanum dulcamara* L. – mazowieckie voivodeship – Prom Karczew-Gassy, bank  
by the Wisła River – 52°07'89,02"N; 21°21'30,94"E; 04.10
273. *Solidago virgaurea* L. – Klembów, slope of the railroad embankment –  
52°42'64,34"N, 21°39'28,07"E; 09.09
274. \*---- mazowieckie voivodeship – Wilanów – Zawady –  
52°10'17"N, 21°06'49"E; 12.09
275. *Stachys officinalis* L. – mazowieckie voivodeship – Wilanów - Zawady –  
52°10'17"N, 21°06'49"E; 12.09
276. – *palustris* L. – mazowieckie voivodeship – Dręszew, meadows by the Bug River –  
52°31'13"N, 21°24'11"E; 05.09
277. ---- mazowieckie voivodeship – Józefów, Łacha lake area –  
52°14'03,78"N; 21°18'16,11"E; 04.10

278. *Tanacetum vulgare* L. – mazowieckie voivodeship – Klembów, dirt road by the ponds – 52°38'19,35"N, 21°32'38,34"E; 24.08
279. ——— mazowieckie voivodeship – Klembów, hay meadow –  
52°43'27,24"N, 21°40'54,71"E; 09.09
280. ——— mazowieckie voivodeship – Warszawa-Wilanów, meadows –  
52°10'17"N, 21°06'49"E; 12.09
281. ——— mazowieckie voivodeship – Józefów, Łacha lake area – 52°14'03,78"N;  
21°18'16,11"E; 04.10
282. ——— podkarpackie voivodeship – Rymanów, road to Klimkówka –  
49°56'36,60"N; 21°80'31,80"E; 24.10
283. *Taraxacum officinale* L. – mazowieckie voivodeship – Klembów, hay meadow –  
52°43'27.24"N, 21°40'54,71"E; 09.09
284. *Thalictrum flavum* L. – mazowieckie voivodeship – Dręszew, meadows by the Bug River – 52°31'13"N, 21°24'11"E; 05.09
285. *Thlaspi arvense* L. – mazowieckie voivodeship – Dręszew, meadows by the Bug River –  
52°31'13"N, 21°24'11"E; 05.09
286. *Thlaspi arvense* L. – mazowieckie voivodeship – Pruszków, meadow –  
52°17'43.29"N, 20°79'49.41"E; 94m a.s.l.; 17.06
287. *Torilis japonica* (Houtt.) DC. – mazowieckie voivodeship – Jasienica Mazowiecka, wastelands by the railway tracks – 52°41'68,95"N, 21°40'22,48"E, 10.09
288. ——— mazowieckie voivodeship – Klembów, dirt road by the ponds –  
52°38'19,35"N, 21°32'38,34"E; 24.08
289. ——— podlaskie voivodeship – Zawady (Maliszewskie lake area), field ditch by the hay meadow – 53°16'67,07"N; 22°54'29,97"E; 26.09
290. ——— mazowieckie voivodeship – Warszawa-Wilanów, meadows –  
52°10'17"N, 21°06'49"E; 12.09
291. ——— mazowieckie voivodeship – Józefów, Łacha lake area –  
52°14'03,78"N; 21°18'16,11"E; 04.10
292. *Tragopogon pratensis* L. – mazowieckie voivodeship – Klembów, railway tracks by the Rządza River – 52°38'84,53"N, 21°33'72,34"E, 98m a.s.l.; 11.06
293. ——— mazowieckie voivodeship – Warszawa Imielin, roadside –  
52°09'22,0"N 21°03'13,7"E, 103m a.s.l.; 05.09
294. *Trifolium arvense* L. – mazowieckie voivodeship – Klembów, railway tracks by the Rządza River – 52°38'84,53"N, 21°33'72,34"E, 98m a.s.l.; 24.08

295. —— lubelskie voivodeship – Borowiec, wastelands by the roadside –  
50°35'62,95"N, 23°04'29,18"E; 13.08
296. —— mazowieckie voivodeship – Otwock, meadow/old riverbed by Wisła River  
– 52°09'47,98"N; 21°22'14,81"E, 04.10
297. – *dubium* Sibth. – mazowieckie voivodeship – Klembów, railway tracks by the  
Rządza River – 52°38'84,53"N, 21.33'72,34"E, 98m a.s.l.; 11.07
298. – *pratense* L. – mazowieckie voivodeship – Klembów, railway tracks by the  
Rządza River – 52°38'84.53"N, 21°33'72.34"E, 98m a.s.l.; 24.08
299. *Typha angustifolia* L. – mazowieckie voivodeship – Józefów, Łacha lake area –  
52°14'13,96"N; 21°18'19,64"E; 04.10
300. – *latifolia* L. – mazowieckie voivodeship – Klembów, near ponds –  
52°38'84,53"N, 21°33'72,34"E, 98m a.s.l.; 24.08
301. – *latifolia* L. – mazowieckie voivodeship – Józefów, Łacha lake area –  
52°14'13,96"N; 21°18'19,64"E; 04.10
302. *Urtica dioica* L. – mazowieckie voivodeship – Józefów, Łacha lake area –  
52°14'03,78"N; 21°18'16,11"E; 04.10
303. *Verbascum densiflorum* Bertol. – podlaskie voivodeship – Pęchratka; 09.08
304. *Verbascum nigrum* L. – mazowieckie voivodeship – Lelis, roadside –  
53°10'45"N, 21°33'25"E, 26m a.s.l.; 05.08
305. —— lubelskie voivodeship – Borowiec, wasteland by the roadside –  
50°35'62,95"N, 23°04'29,18"E; 13.08
306. – *thapsus* L. – mazowieckie voivodeship – Klembów, railway tracks by the  
Rządza River – 52°38'84.53"N, 21°33'72.34"E, 98m a.s.l.; 24.08
307. *Veronica longifolia* L. – mazowieckie voivodeship – Brzuza, meadows near the  
floodbank by the Bug River – 52°36'24.53"N, 21°42'04.68"E, 92m a.s.l.; 02.08
308. —— mazowieckie voivodeship – Dręszew, meadows by the Bug River –  
52°31'13"N, 21°24'11"E; 05.09
309. —— mazowieckie voivodeship – Warszawa-Wilanów, meadows –  
52°10'17"N, 21°06'49"E; 12.09
310. *Viscaria vulgaris* Bernh. – mazowieckie voivodeship – Kurpiewskie, roadside by the  
grain field – 53°09'59,44"N, 21°40'13,35"E, 98m a.s.l.; 13.07
311. *Xanthium strumarium* L. – podlaskie voivodeship – Gontarze, meadows by the  
Narew River – 53°17'91,41"N; 21°73'13,72"E, 98m a.s.l.; 28.08

312. ----- mazowieckie voivodeship – Józefów, Łacha lake area –

– 52°14'03,78"N; 21°18'16,11"E; 04.10

313. ----- mazowieckie voivodeship – Prom Karczew-Gassy, bank by the Wisła River

– 52°07'89,02"N; 21°21'30,94"E; 04.10

## B. SEEDS AND SPORES COLLECTED FROM THE GARDEN

Seeds collected from open-pollinated plants

**\*seeds collected in 2023**

### 1. SEEDS COLLECTED FROM PLANTS OF WILD ORIGIN

314. \**Adenophora liliifolia* (L.) A.DC. – Plant grown by OB PAN – CZRB in Powsin from natural sites in Kisielany and Krzemionki Opatowskie
315. *Agrimonia eupatoria* L. – mazowieckie voivodeship – Warszawa: Gocław
316. *Alisma plantago-aquatica* L. – warmińsko-mazurskie voivodeship – Sajzy near Ełk
317. \**Anthemis tinctoria* L. – podlaskie voivodeship – Wiżajny
318. \**Anthericum liliago* L. – Grądziec Szczeciński
319. *Aquilegia vulgaris* L. – podlaskie voivodeship – Suwałki
320. \**Barbarea vulgaris* W.B.Aiton – zachodnio-pomorskie voivodeship – Grędziec
321. \**Berteroa incana* (L.) DC. – mazowieckie voivodeship – Kampinos National Park – Ławy
322. *Chaerophyllum aromaticum* L. – mazowieckie voivodeship – Jadów near Warszawa
323. \**Cichorium intybus* L. – mazowieckie voivodeship – Warszawa: Wawer
324. \**Clematis recta* (L.) – mazowieckie voivodeship – Zakroczyム near Nowy Dwór
325. \**Dictamnus albus* L. – mazowieckie voivodeship – Płock area
326. *Digitalis grandiflora* Mill. – mazowieckie voivodeship – Jabłonna near Warszawa
327. *Eryngium planum* L. – mazowieckie voivodeship – Brwinów near Warszawa
328. *Filipendula ulmaria* (L.) Maxim. – mazowieckie voivodeship – Klembów near Warszawa
329. – *ulmaria* (L.) Maxim – małopolskie voivodeship – Tatry, Little Meadow Valley
330. – \**vulgaris* Moench - mazowieckie voivodeship – Warszawa near Czerniakowskie lake
331. \**Geum rivale* L. – podlaskie voivodeship – Białowieża Forest
332. – *umbellatum* L. – mazowieckie voivodeship – Warszawa: Bemowo

333. *Hypericum androsaemum* L. – France – Villon du Bitet – Vallon du Bitet - Pyrenees Atlantiques France
334. \**Iris sibirica* L. – mazowieckie voivodeship – Warszawa - Wawrzyszew
335. *Isatis tinctoria* L. – kujawsko-pomorskie voivodeship - Toruń
336. *Jasminum fruticans*- Foros -Krym –Ukraina
337. \**Lathyrus sylvestris* L. – mazowieckie voivodeship – Warszawa: Wawer
338. *Leontodon hispidus* L. – mazowieckie voivodeship – Podbiel: Torfowisko Całowanie
339. *Leonurus cardiaca* L. – mazowieckie voivodeship – Brwinów near Warszawa
340. \**Lunaria rediviva* L. – małopolskie voivodeship – Beskid Niski – Bartnia Mt. Near Gorlice
341. \*— małopolskie voivodeship – The Tatra National Park: Wąwoz Kraków
342. *Lupinus polyphyllus* Lindl. – warmińsko-mazurskie voivodeship – Skajzgiry
343. \**Plantago lanceolata* L. – mazowieckie voivodeship – Kampinos National Park
344. -\**media* L. – mazowieckie voivodeship – Warszawa
345. —— małopolskie voivodeship – The Tatra National Park: by Kopieniec
346. *Polemonium caeruleum* L. – mazowieckie voivodeship – Kampinos National Park
347. \**Potentilla argentea* L. – mazowieckie voivodeship – Nadarzyn near Warszawa
348. *Primula veris* L. – mazowieckie voivodeship – Jabłonna near Warszawa
349. *Ranunculus acris* L. – mazowieckie voivodeship – Klembów near Warszawa
350. *Salvia verticillata* L. – mazowieckie voivodeship – Kampinos National Park: Palmiry
351. *Silene viscaria* (L.) Jess. – mazowieckie voivodeship – Klembów
352. \**Sium latifolium* L. – warmińsko-mazurskie voivodeship – Sajzy
353. *Stachys officinalis* (L.) Trevis. – mazowieckie voivodeship – Drewnica near Warszawa
354. *Thalictrum aquilegifolium* L. – mazowieckie voivodeship – Kampinos National Park: Palmiry
355. \**Vincetoxicum hirudinaria* Medik. – mazowieckie voivodeship – Kampinos National Park: Rybitwy

## 2. SEEDS AND SPORES COLLECTED FROM PLANTS OF UNKNOWN ORIGIN

**\*seeds collected in 2023**

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| 356. * <i>Acanthus hungaricus</i> (Borbás)<br>Baen.                                       | 379. <i>Amaranthus caudatus</i> L.                   |
| 357. – <i>mollis</i> L.   | 380. <i>Anemone sylvestris</i> L.                    |
| 358. * <i>Achillea filipendulina</i> Lam.   | 381. <i>Angelica archangelica</i> L.                 |
| 359. – <i>ptarmica</i>  | 382. * <i>Anchusa azurea</i> Schur                   |
| 360. * <i>Achyranthes aspera</i> L.   | 383. * <i>Anisantha sterilis</i> L.                  |
| 361. <i>Aconitum lycoctonum</i> subsp.<br><i>lasiostomum</i> (Rchb. ex Besser)<br>Warncke | 384. * <i>Anthemis tinctoria</i> L.                  |
| 362. *- <i>variegatum</i> L   | 385. * <i>Anthericum liliago</i> L.                  |
| 363. * <i>Acorus calamus</i> L.   | 386. <i>Aquilegia vulgaris</i> L.                    |
| 364. * <i>Agrimonia eupatoria</i> subsp.<br><i>asiatica</i> (Juz.) Skalicky               | 387. * <i>Aquilegia atrata</i> W.D.J. Koch           |
| 365. * <i>Akebia quinata</i> (Houtt.) Decne.  | 388. * <i>Arabis caucasica</i> Willd.                |
| 366. * <i>Akebia trifoliata</i> (Thunb.) Koidz.   | 389. <i>Arctium lappa</i> Willd.                     |
| 367. * <i>Alcea rosea</i> L. 'Nigra'  | 390. * <i>Arenaria procera</i> subsp. <i>procera</i> |
| 368. * <i>Alcea rugosa</i> Alef   | 391. <i>Armeria maritima</i> (Mill.) Willd           |
| 369. * <i>Alchemilla mollis</i> (Buser)<br>Rothm.   | 392. –* <i>alliacea</i> (cav.) Hoffmanns. &<br>Link  |
| 370. * <i>Allium fistulosum</i> L.  | 393. <i>Arum italicum</i> Mill.                      |
| 371. <i>Allium roseum</i> L.  | 394. <i>Asclepias incarnata</i> L.                   |
| 372. *- <i>schoenoprasum</i> L.   | 395. – <i>syriaca</i> L.                             |
| 373. – <i>stipitatum</i> Regel  | 396. * <i>Asparagus officinalis</i> L.               |
| 374. – <i>tuberosum</i> Rottler ex Spreng.  | 397. * <i>Asphodeline lutea</i> (L.) Rchb.           |
| 375. * <i>Althaea armeniaca</i> Ten.  | 398. * <i>Asphodelus albus</i> Mill.                 |
| 376. –* <i>officinalis</i> L.   | 399. * <i>Astragalus glycyphyllos</i> L.             |
| 377. * <i>Alyssoides utriculata</i> (L.) Medik  | 400. <i>Astrantia major</i> L.                       |
| 378. * <i>Alyssum argenteum</i> All.  | 401. * <i>Atriplex hortensis</i> L. 'Rubra'          |
|   | 402. –* <i>sagittata</i> Borkh.                      |
|   | 403. * <i>Atropa bella - donna</i> L.                |
|   | 404. * <i>Aurinia saxatillis</i> (L.) Desv.          |
|   | 405. <i>Avena sativa</i> L.                          |

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| 406. <i>Baptisia australis</i> L.                    | 438. – <i>*eriophorum</i> (L.) Scop.                                 |
| 407. <i>Baptisia tinctoria</i> (L.) R.Br.            | 439. – <i>*oleraceum</i> (L.) Scop.                                  |
| 408. <i>*Barbarea vulgaris</i> R.Br.                 | 440. – <i>*vulgare</i> (Savi) Ten.                                   |
| 409. <i>*Basella alba</i> L.                         | 441. <i>*Clematis recta</i> L.                                       |
| 410. <i>*Belamcanda chinensis</i> (L.) DC.           | 442. <i>*Clerodendrum trichotomum</i><br>Thunb.                      |
| 411. <i>Betonica officinalis</i> L.                  | 443. <i>Coix lacryma-jobi</i> L.                                     |
| 412. <i>*Bidens aristosa</i> (Michx.) Britton        | 444. <i>Colutea arborescens</i> L.                                   |
| 413. – <i>*pilosa</i> L.                             | 445. <i>*Commelina tuberosa</i> L.                                   |
| 414. – <i>*tripartita</i> L.                         | 446. <i>Conringia orientalis</i> (L.) Dumort.                        |
| 415. <i>*Browallia americana</i> L.                  | 447. <i>Consolida ajacis</i> (L.) Schur                              |
| 416. <i>Bunias orientalis</i> L.                     | 448. <i>Coreopsis lanceolata</i> L.                                  |
| 417. <i>*Cacalia suaveolens</i> L.                   | 449. – <i>*pubescens</i> Elliott                                     |
| 418. <i>Campanula alliariifolia</i> Willd.           | 450. – <i>*tripteris</i>   |
| 419. – <i>latifolia</i> L.                           | 451. – <i>*verticillata</i> Ehrh.                                    |
| 420. – <i>rotundifolia</i> L.                        | 452. <i>Cuscuta europea</i> L.                                       |
| 421. <i>*Canna edulis</i> Ker Gawl.                  | 453. <i>Cynoglossum officinale</i> L.                                |
| 422. <i>Cannabis sativa</i> L.                       | 454. <i>Daucus carota</i> L.   |
| 423. <i>Carex grayi</i> J.Carey                      | 455. <i>Datura metel</i> L.  |
| 424. <i>*Carex pendula</i> Huds. L.                  | 456. <i>*Decaisnea fargesii</i> Franch.                              |
| 425. – <i>pseudocyperus</i> L.                       | 457. <i>Desmodium canadense</i> (L.) DC.                             |
| 426. <i>Catananche caerulea</i> L.                   | 458. <i>Dianthus barbatus</i> L.                                     |
| 427. <i>*Centaurea rhenana</i> Boreau                | 459. – <i>giganteus</i> D'Urv.                                       |
| 428. <i>Cephalaria gigantea</i> (Ledeb.)<br>Bobrov   | 460. – <i>plumarius</i> L.   |
| 429. – <i>*uralensis</i> (Murray) Roem. &<br>Schult. | 461. – <i>*seguieri</i> Vill.  |
| 430. <i>Chaerophyllum aromaticum</i> L.              | 462. – <i>*superbus</i> L.   |
| 431. – <i>*aureum</i> L.                             | 463. <i>*Digitalis ferruginea</i> L.                                 |
| 432. <i>Chamaecytisus hirsutus</i> L.                | 464. – <i>purpurea</i> L.  |
| 433. <i>Chartolepis glastifolia</i> (L.) Cass        | 465. <i>*Dioscorea communis</i> (L.)<br>Caddick & Wilkin             |
| 434. <i>*Cheiranthus x cheiri</i> L.                 | 466. <i>Dipsacus fullonum</i> L.                                     |
| 435. <i>Chenopodium giganteum</i> D. Don.            | 467. <i>*Dorycnium pentaphyllum</i> subsp.<br>herbaceum (Vill.) Rouy |
| 436. <i>*Cicuta virosa</i> L.                        | 468. – <i>pentaphyllum</i> (Vill.)                                   |
| 437. <i>*Cirsium decussatum</i> Janka L.             |  |

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| 469. * <i>Echinacea purpurea</i> (L.) Moench                              | 499. * <i>Grossheimia macrocephala</i><br>(Muss. Puschk. ex Willd.) Sosn. &<br>Takht. |
| 470. * <i>Echinops ritro</i> subsp. <i>ruthenicus</i><br>(N. Bieb.) Nyman | 500. <i>Gypsophila acutifolia</i> Steven ex<br>Spreng                                 |
| 471. – <i>ritro</i> L.  | 501. * <i>Helanthemum nummularium</i><br>subsp. <i>obscurum</i> (Celak) Holub         |
| 472. – <i>sphaerocephalus</i>   | 502. <i>Helenium autumnale</i> L.   |
| 473. * <i>Erigeron speciosus</i> (Lindl.) DC.                             | 503. – * <i>lividus</i> Aiton   |
| 474. <i>Eryngium campestre</i> L.   | 504. – * <i>viridis</i> L.  |
| 475. * <i>Eryngium planum</i> L.  | 505. * <i>Heliopsis scabra</i> Dunal  |
| 476. <i>Erysimum cheiri</i> (L.) Crantz                                   | 506. * <i>Hesperis matronalis</i> L.  |
| 477. * <i>Eupatorium ageratoides</i> L. f.                                | 507. <i>Heracleum sphondylium</i> L.  |
| 478. – <i>purpureum</i> L.  | 508. * <i>Heuchera micrantha</i> Douglas  |
| 479. * <i>Euphorbia lathyris</i> L.                                       | 509. * <i>Hibiscus trionum</i> L.   |
| 480. <i>Fagopyrum esculentum</i> Moench                                   | 510. <i>Hieracium maculatum</i> Sm.   |
| 481. * <i>Festuca heterophyla</i> Lam.                                    | 511. – <i>valdepilosum</i> Vill.  |
| 482. <i>Foeniculum vulgare</i> Mill.                                      | 512. – <i>umbellatum</i> L.   |
| 483. * <i>Fibigia clypeata</i> (L.) Medik.                                | 513. <i>Hyoscyamus albus</i> L.   |
| 484. * <i>Filipendula kamschatica</i> (Pall.)<br>Maxim                    | 514. <i>Hyoscyamus niger</i> L.   |
| 485. – * <i>ulmaria</i> (L.) Maxim  | 515. <i>Hypericum olympicum</i> L.  |
| 486. – * <i>vulgaris</i> Moench   | 516. <i>Hypochoeris maculata</i> L.   |
| 487. * <i>Fritillaria meleagris</i> L.                                    | 517. * <i>Hyssopus officinalis</i> L.   |
| 488. * <i>Galega orientalis</i> Lam.                                      | 518. – <i>officinalis</i> ‘Albus’ L.  |
| 489. <i>Genista tinctoria</i> L.  | 519. – * <i>officinalis</i> ‘Roseus’ L.   |
| 490. * <i>Geranium phaeum</i> L.  | 520. <i>Impatiens balsamina</i> L.  |
| 491. * <i>Geum bulgaricum</i> Pancic                                      | 521. <i>Incarvillea olgae</i> Reg.  |
| 492. – * <i>urbanum</i> L.  | 522. <i>Inula helenium</i> L.   |
| 493. <i>Gladiolus imbricatus</i> L.                                       | 523. <i>Ipomoea purpurea</i> (L.) Roth  |
| 494. <i>Glaucium flavum</i> Crantz  | 524. * <i>Iris graminea</i> L.  |
| 495. * <i>Gillenia trifoliata</i> (L.) Moench                             | 525. – <i>pseudacorus</i> L.  |
| 496. * <i>Globularia cordifolia</i> L.                                    | 526. – * <i>sibirica</i> L.   |
| 497. <i>Glycyrrhiza echinata</i> L.                                       | 527. <i>Isatis tinctoria</i> L.   |
| 498. <i>Grindelia hirsutula</i> Hook. & Arn.                              | 528. <i>Juncus tenuis</i> Willd.  |

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| 529. <i>Kitaibela vitifolia</i> Willd.   | 558. – <i>flos - cuculi</i> (L.) Greuter & Burdet                 |
| 530. <i>Kniphofia uvaria</i> (L.) Hook   | 559. – <i>viscaria</i> L.   |
| 531. <i>Lablab purpureus</i> (L.) Sweet  | 560. <i>Lysimachia punctata</i> L.                                |
| 532. * <i>Lapsana communis</i> L.  | 561. * <i>Mahonia bealei</i> (Fortune) Pynaert                    |
| 533. * <i>Lathyrus latifolius</i> L.   | 562. <i>Malva moschata</i> L.                                     |
| 534. – * <i>niger</i> (L.) Bernh.  | 563. <i>Malva sylvestris</i> L.                                   |
| 535. – * <i>sylvestris</i> L.  | 564. <i>Melandrium rubrum</i> (Weigel)                            |
| 536. – <i>vernus</i> (L.) Bernh.   | 565. <i>Melilotus officinalis</i> (L.) Lam.                       |
| 537. * <i>Laserpitium siler</i> L.   | 566. <i>Mirabilis jalapa</i> L.                                   |
| 538. <i>Lavandula angustifolia</i> Mill.                                       | 567. * <i>Muscari botryoides</i> (L.) Mill.                       |
| 539. * <i>Ledum groenlandicum</i> Oeder  | 568. <i>Nepeta grandiflora</i> M. Bieb.                           |
| 540. * <i>Leonotis leonurus</i> (L.) R.Br.                                     | 569. <i>Nicandra physaloides</i> (L.) Gaertn.                     |
| 541. <i>Leonurus caridiaca</i> subsp. <i>villosus</i><br>(Desf.ex d'Urv.) Hyl. | 570. <i>Nicotiana sylvestris</i> Speg.                            |
| 542. * <i>Leucanthemum maximum</i><br>(Ramond) DC                              | 571. <i>Nigella arvensis</i> L.                                   |
| 543. – * <i>vulgare</i> Lam.   | 572. – <i>damascena</i> L.  |
| 544. <i>Liatris spicata</i> (L.) Willd.  | 573. – <i>sativa</i> L.   |
| 545. <i>Ligularia przewalskii</i> (Maxim.)<br>Diels                            | 574. <i>Oenothera biennis</i> L.                                  |
| 546. – <i>stenocephala</i> (Maxim.) Matsum.<br>& Koidz.                        | 575. * <i>Origanum vulgare</i> L.                                 |
| 547. – * <i>veitchiana</i> (Hemsl.) Greenm.                                    | 576. * <i>Oxyria digyna</i> Hill.                                 |
| 548. * <i>Ligusticum lucidum</i> Mill.   | 577. <i>Paeonia officinalis</i> L.                                |
| 549. <i>Lilium martagon</i> L.   | 578. – <i>japonica</i> Maxim.                                     |
| 550. <i>Linum usitatissimum</i> L.   | 579. * <i>Papaver atlanticum</i> (Ball)<br>Cosson                 |
| 551. * <i>Lobelia siphilitica</i> L.   | 580. – * <i>fugax</i> Poir.                                       |
| 552. * <i>Lunaria annua</i> L.   | 581. – * <i>orientale</i> L.                                      |
| 553. – <i>rediviva</i> L.  | 582. – * <i>rhoeas</i> L.   |
| 554. <i>Lupinus polyphyllus</i> Lindl.   | 583. – <i>somniferum</i> subsp. <i>setigerum</i><br>(DC.) Arcang. |
| 555. * <i>Lycium barbarum</i> L.   | 584. <i>Pastinaca sativa</i> L.                                   |
| 556. <i>Lychnis coronaria</i> Desr.  | 585. * <i>Penstemon confertus</i> Douglas ex<br>Lindl.            |
| 557. – * <i>chalcedonica</i> L.  | 586. – <i>palmeri</i> A. Gray                                     |

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| 587. <i>Petunia integrifolia</i> (Hook.)<br>Schinz & Thell.   | 615. * <i>Prunella vulgaris</i> L.<br>616. * <i>Pulsatilla vulgaris</i> Mill.<br>617. * <i>Ranunculus acris</i> L.<br>618. -* <i>bulbosus</i> L.<br>619. -* <i>languinosus</i> L.<br>620. – <i>millefoliatus</i> Vahl<br>621. – <i>sericus</i> Vis.<br>622. * <i>Rheum undulatum</i> L.<br>623. * <i>Ricinus communis</i> L.<br>624. * <i>Rosa serafinii</i> Viw.<br>625. * <i>Rubia cretacea</i> Pojark.<br>626. * <i>Rudbeckia occidentalis</i> Nutt.<br>627. -* <i>triloba</i> L.<br>628. <i>Rumex sanguineus</i> L.<br>629. -* <i>scutatus</i> L.<br>630. <i>Ruta graveolens</i> L.<br>631. * <i>Sagittaria sagittifolia</i> L.<br>632. * <i>Salvia austriaca</i> Jacq.<br>633. -* <i>forskaehlei</i> L.<br>634. -* <i>glutinosa</i> L.<br>635. – <i>officinalis</i> L.<br>636. – <i>sclarea</i> L.<br>637. – <i>verticillata</i> L.<br>638. * <i>Sanguisorba canadensis</i> L.<br>639. – <i>minor</i> Scop.<br>640. -* <i>officinalis</i> L.<br>641. * <i>Saponaria officinalis</i> L.<br>642. * <i>Saxifraga hostii</i> Tausch<br>643. -* <i>rosacea</i> Moench<br>644. -* <i>stolonifera</i> Curtis<br>645. * <i>Scabiosa cinerea</i> subsp. <i>cinerea</i><br>Lapeyr. ex Lam.<br>646. -* <i>columbaria</i> L. |
| 588. <i>Peucedanum officinale</i> L.<br>589. -* <i>verticillare</i> (L.) W.J.D. Koch ex<br>DC.<br>590. * <i>Phlomis maximoviczii</i> Regel<br>591. -* <i>tuberosa</i> L.<br>592. – <i>viscosa</i> Poir.<br>593. * <i>Phlox paniculata</i> L.<br>594. <i>Phryma asiatica</i> (H.Hara) O. Deg.<br>I. Deg.<br>595. <i>Physalis alkekengi</i> L.<br>596. <i>Physostegia virginiana</i> (L.) Benth.<br>597. * <i>Pimpinella anisum</i> L.<br>598. * <i>Plantago atrata</i> L.<br>599. -* <i>lanceolata</i> L.<br>600. – * <i>maritima</i> L.<br>601. – * <i>semperflorens</i> Crantz.<br>602. <i>Platycodon grandiflorus</i> (Jacq.)<br>A. DC.<br>603. <i>Podophyllum hexandrum</i> Royle<br>604. * <i>Polemonium caeruleum</i> L.<br>605. * <i>Polygonum coriarium</i> L.<br>606. – <i>tinctorium</i> W.T. Aiton Grig.<br>607. -* <i>virginianum</i> (L.) Gaertn.<br>608. * <i>Pontederia cordata</i> L.<br>609. <i>Potentilla recta</i> L.<br>610. – <i>rupestris</i> L.<br>611. * <i>Primula cortusoides</i> L.<br>612. – <i>veris</i> L.<br>613. -* <i>veris</i> subsp. <i>macrocalyx</i><br>(Bunge) Ludi.<br>614. <i>Proboscidea louisianica</i> (Mill)<br>Thell. |   |

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| 647. <i>Scorzonerooides autumnali</i> (L.)<br>Moench     | 675. <i>Thalictrum aquilegiifolium</i> L.               |
| 648. <i>Scrophularia kakudensis</i> Franch.              | 676. – <i>dipterocarpum</i> Franch.                     |
| 649. – <i>nodosa</i> L.                                  | 677. – <i>flaum</i> L.                                  |
| 650. <i>Senecio doria</i> L.                             | 678. –* <i>kiusianum</i> Nakai                          |
| 651. <i>Serratula wolffii</i> Andrae                     | 679. –* <i>lucidum</i> L.                               |
| 652. <i>Silaum silaus</i> (L.) Schinz & Thell.           | 680. – <i>minus</i> L.                                  |
| 653. <i>Silene baccifera</i> (L.) Roth                   | 681. <i>Thlaspi arvense</i> L.                          |
| 654. * <i>Silene lithuanica</i> Zapał                    | 682. * <i>Thymus serpyllum</i> L.                       |
| 655. <i>Silene uniflora</i> Roth                         | 683. <i>Tinantia erecta</i> (Jacq.) Frenzl              |
| 656. <i>Silphium gracile</i> A. Gray                     | 684. <i>Tithonia rotundifolia</i> (Mill.) S.F.<br>Blake |
| 657. – <i>perfoliatum</i> L.                             | 685. * <i>Tragopogon porrifolius</i> L.                 |
| 658. * <i>Sisyrinchium striatum</i> Sm.                  | 686. –* <i>pratensis</i> L.                             |
| 659. <i>Silybum marianum</i> (L.) Gaertn.                | 687. <i>Trifolium ochroleucon</i> Huds.                 |
| 660. * <i>Sinacalia tangutica</i> (Maxim) B.<br>Nord.    | 688. – <i>pannonicum</i> Jacq.                          |
| 661. <i>Solanum dulcemara</i> L.                         | 689. * <i>Trollius europaeus</i> L.                     |
| 662. * <i>Solidago virgaurea</i> L.                      | 690. <i>Tropaeolum majus</i> L.                         |
| 663. * <i>Sorbus sudetica</i> (Tausch) Fritsch           | 691. <i>Tulipa clusiana</i> DC.                         |
| 664. <i>Spartinum junceum</i> L.                         | 692. –*var <i>chrysantha</i> (A.D.Hall)<br>Sealy        |
| 665. <i>Stachys byzantina</i> K. Koch                    | 693. –* <i>kolpakowskiana</i> Regel                     |
| 666. * <i>Stachys grandiflora</i> (Willd.)<br>Benth.     | 694. –* <i>urumiensis</i> Stapf.                        |
| 667. – <i>officinalis</i> L. Trevis.                     | 695. <i>Veratrum nigrum</i> L.                          |
| 668. –* <i>recta</i> L                                   | 696. * <i>Verbascum densiflorum</i> Bertol.             |
| 669. * <i>Talinum paniculatum</i> (Jacq.)<br>Gartner     | 697. – <i>nigrum</i> L.                                 |
| 670. <i>Tanacetum balsamita</i> L.                       | 698. – <i>phoeniceum</i> L.                             |
| 671. – <i>macrophyllum</i> (Waldst. & Kit.)<br>Sch. Bip. | 699. – <i>pyramidatum</i> M. Biep.                      |
| 672. –* <i>parthenium</i> (L.) Sch. Bip.                 | 700. <i>Verbena bipinnatifida</i> Schauer               |
| 673. <i>Tetragonium tetragonoides</i><br>(Pall.) Kuntze  | 701. –* <i>hastata</i> L.                               |
| 674. * <i>Teucrium hircanicum</i> L.                     | 702. * <i>Veronica chamaedrys</i> L.                    |

707. \**Zephyranthes candida* (Lindl.)  
Herb.

708. *Zinnia peruviana* L.

C. SEEDS AND SPORES COLLECTED FROM THE GLASSHOUSES

\*seeds collected in 2023

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| 709. <i>Abrus precatorius</i> L.  | 735. – <i>peltata</i> Otto & A.Dietr.                                |
| 710. * <i>Acrostichum aureum</i> L.   | 736. – <i>rajah</i> R. Hogg  |
| 711. * <i>Aechmea lueddemanniana</i> (K.Koch)<br>Mez  | 737. – <i>sizemoreae</i> Kiew  |
| 712. <i>Albizia lophantha</i> (Vent.) Benth.  | 738. –*‘ <i>Tamaya</i> ’   |
| 713. * <i>Aloe millotii</i> Reynolds  | 739. – <i>solimutata</i> L.B.Sm. & Wassh.                            |
| 714. –* <i>zebrina</i> Baker  | 740. <i>Billbergia macrolepis</i> L.B.Sm.                            |
| 715. * <i>Alpinia officinarum</i> Hance   | 741. * <i>Biophytum sensitivum</i> (L.) DC.                          |
| 716. <i>Alsophila smithii</i> (Hook.f.)<br>R.M.Tryon syn. <i>Cyathea smithii</i><br>Hook.f. | 742. <i>Brillantaisia vogeliana</i> (Nees) Benth.                    |
| 717. * <i>Anacampseros filamentosa</i> (Haw.)<br>Sims                                       | 743. <i>Byblis liniflora</i> Salisb.                                 |
| 718. * <i>Anthostema parvifolium</i> Cong.  | 744. * <i>Calvoa orientalis</i> Taub.                                |
| 719. <i>Anthurium cordatum</i> (L.) Schott  | 745. * <i>Carica papaya</i> L.                                       |
| 720. <i>Anthurium verapazense</i> Engl.   | 746. <i>Cissus petiolata</i> Hook.f.                                 |
| 721. <i>Ardisia solanacea</i> (Poir.) Roxb.   | 747. <i>Cissus sandersonii</i> Harv. (Szyszyl.)<br>Wild & R.B.Drumm. |
| 722. <i>Aristolochia arborea</i> Linden   | 748. <i>Citrus x aurantium</i> L.                                    |
| 723. –* <i>fimbriata</i> Cham.  | 749. <i>Cleome gigantea</i> Blanco                                   |
| 724. <i>Artobotrys hexapetalus</i> (L.f.)<br>Bhandari                                       | 750. <i>Clerodendrum speciosissimum</i><br>Drapiez                   |
| 725. * <i>Arthropodium candidum</i> Raoul   | 751. <i>Coffea arabica</i> L.  |
| 726. –* <i>cirratum</i> (G.Forst.) R.Br.  | 752. <i>Commiphora abyssinica</i> (Engl.) Engl.                      |
| 727. * <i>Arthrostemma parvifolium</i> Cogn.  | 753. <i>Costus megalobractea</i> K.Schum.                            |
| 728. <i>Begonia blancii</i> M.Hughes & C.I<br>Peng  | 754. * <i>Cupressus sempervirens</i> L.                              |
| 729. –* <i>carolineifolia</i> Regel   | 755. * <i>Cyperus haspan</i> L.                                      |
| 730. – <i>cleopatrae</i> Coyle  | 756. – <i>pyrus</i> L.   |
| 731. – <i>dregei</i> ‘ <i>Tripartita</i> ’ Otto & A.Dietr.                                  | 757. <i>Cyperus vaginatus</i> R.Br.                                  |
| 732. – <i>goegoensis</i> N.E.Br.  | 758. <i>Dites iridioides</i> (L.) Sweet ex Klatt                     |
| 733. – <i>multinervia</i> Liebm.  | 759. <i>Dionaea muscipula</i> J. Ellis                               |
| 734. –* <i>nelumbifolia</i> Cham. & Schldl.   | 760. <i>Drosera binata</i> Labill.                                   |
|   | 761. –* <i>binata</i> var. <i>dichotoma</i> Mazrimas                 |
|   | 762. – <i>capensis</i> L.  |
|   | 763. – <i>capensis</i> ‘All Red’ L.                                  |
|   | 764. – <i>communis</i> A.St.-Hil.                                    |

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| 765. – <i>filiformis</i> Raf.                                 | 795. – <i>paniculata</i> (L.) Jack                                    |
| 766. – <i>intermedia</i> Hayne                                | 796. <i>Musa textilis</i> Nee   |
| 767. – <i>lovellae</i> F.M. Bailey                            | 797. – <i>velutina</i> H.Wendl. & Drude                               |
| 768. – <i>spatulata</i> Labill.                               | 798. <i>Palisota schweinfurthii</i> C.B.Clarke                        |
| 769. – <i>venusta</i> P.Debbert                               | 799. <i>Pamianthe peruviana</i> Stapf                                 |
| 770. <i>Epiphyllum anguliger</i> (Lem.) G.Don                 | 800. * <i>Parodia leninghausii</i> (Schumann)                         |
| 771. <i>Erythrociton brasiliensis</i> Nees &<br>Mart.         | Brandt  |
| 772. * <i>Erythrina crista</i> – <i>galli</i> L.              | 801. <i>Passiflora edulis</i> Sims                                    |
| 773. <i>Eugenia uniflora</i> L.                               | 802. – <i>maliformis</i> L.   |
| 774. * <i>Fosterella spectabilis</i> H.Luther                 | 803. – <i>quadrangularis</i> L.                                       |
| 775. * <i>Gasteria excelsa</i> Baker                          | 804. <i>Pavonia sepium</i> A.St.-Hil.                                 |
| 776. –* <i>maculata</i> Haw.                                  | 805. * <i>Petiveria alliacea</i> L.                                   |
| 777. –* <i>neliana</i> Poelln.                                | 806. <i>Platycerium superbum</i> de Jonch.<br>Hennipman               |
| 778. <i>Gloxinella lindeniana</i> (Regel)<br>Roalson & Boggan | 807. <i>Pseudosbeckia swynnertonii</i> (Baker<br>f.) A.Fern. & R.Fern |
| 779. <i>Gossypium arboreum</i> L.                             | 808. <i>Psidium cattleianum</i> Afzel. ex Sabine                      |
| 780. * <i>Habranthus robustus</i> Herb.                       | 809. –* <i>cattleianum</i> f. <i>lucidum</i> O.Deg.                   |
| 781. <i>Hedychium gardnerianum</i> Sheph. Ex<br>Ker Gawl.     | 810. – <i>gujava</i> L.   |
| 782. –* <i>horsfieldii</i> R.Br. ex Wall.                     | 811. <i>Punica granatum</i> L.  |
| 783. <i>Hibiscus calyphyllus</i> Cav.                         | 812. <i>Puya chilensis</i> Molina                                     |
| 784. – <i>ferrugineus</i> Bojer ex Baill.                     | 813. <i>Rauvolfia serpentina</i> (L.) Benth. ex<br>Kurz               |
| 785. <i>Lagenaria siceraria</i> (Molina) Standl.              | 814. * <i>Remusatia vivipara</i> (Roxb.)                              |
| 786. <i>Luffa aegyptiaca</i> Mill.                            | 815. <i>Rhaphiolepis umbellata</i> (Thunb.)<br>Makino                 |
| 787. * <i>Malvaviscus arboreus</i> Cav.                       | 816. <i>Rhipsalis micrantha</i> (Kunth) DC.                           |
| 788. <i>Mammillaria prolifera</i> (Mill.) Haw.                | 817. – <i>ramulosa</i> (Salm-Dyck) Pfeiff.                            |
| 789. <i>Medinilla myriantha</i> Merr.                         | 818. <i>Rivina brasiliensis</i> Nocca                                 |
| 790. <i>Microchirita lavandulacea</i> (Stapf) Yin<br>Z.Wang   | 819. –* <i>humilis</i> L.   |
| 791. <i>Momordica charantia</i> L.                            | 820. <i>Ruellia ciliosa</i> Pursh                                     |
| 792. * <i>Monolena primuliflora</i> Hook. F.                  | 821. –* <i>puri</i> (Nees) B.D.Jacks.                                 |
| 793. * <i>Morinda citrifolia</i> L.                           | 822. <i>Sarracenia flava</i> var. <i>flava</i>                        |
| 794. <i>Murraya koenigii</i> (L.) Spreng.                     |   |

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| 823. <i>Sarracenia flava</i> var. <i>flava</i><br><i>rubicorpora</i> Schnell | 838. <i>Tabernanthe iboga</i> Baill.                                       |
| 824. <i>Sarracenia purpurea</i> L.   | 839. <i>Talinum paniculatum</i> (Jacq.) Gaertn.                            |
| 825. * <i>Scadoxus membranaceus</i> (Baker)<br>Friis & Nordal                | 840. <i>Tapeinochilos spectabilis</i> K.Schum.                             |
| 826. <i>Schaueria calycotricha</i> (Link & Otto)<br>Nees                     | 841. <i>Tetranema roseum</i> (M. Martens &<br>Galeotii) Standl. & Steyerm. |
| 827. * <i>Schizobasis intricata</i> (Baker) Baker                            | 842. * <i>Theobroma cacao</i> L.   |
| 828. <i>Senecio articulatus</i> (L.f.) Sch. Bip.                             | 843. <i>Tillandsia baileyi</i> Rose ex Small                               |
| 829. -* <i>fulgens</i> Rydb.   | 844. – <i>schiedeana</i> Steud.  |
| 830. – <i>herreanus</i> Dinter   | 845. <i>Turraea heterophylla</i> Sm.                                       |
| 831. * <i>Senna alexandrina</i> Mill.  | 846. * <i>Utricularia longifolia</i> Gardner                               |
| 832. * <i>Setaria palmifolia</i> (J.Koenig) Stapf                            | 847. * <i>Vriesea gigantea</i> ‘Nova’                                      |
| 833. * <i>Streptocarpus gardenii</i> Hook.                                   | 848. – <i>splendens</i> (Brongn.) Lem.                                     |
| 834. – <i>haygarthii</i> N.E.Br. ex C.B. Clarke                              | 849. <i>Vigna unguiculata</i> ssp. <i>sesquipedalis</i><br>cv. Red Noodle  |
| 835. <i>Streptocarpus rexii</i> (Bowie ex Hook.)<br>Lindl.                   | 850. <i>Werauhia marnier</i> – <i>lapostollei</i><br>(L.B.Sm.) J.R.Grant   |
| 836. – <i>variabilis</i> Humbert   |  |
| 837. * <i>Syzygium jambos</i> (L.) Alston                                    |  |