

A. WILD–COLLECTED SEEDS

1. SEEDS COLLECTED IN 2019

Collectors: Piotr Dobrzyński, Katarzyna Guranowska, Magdalena Chelchowska, Izabella Kirpluk, Agnieszka Kufel, Jowita Misztal, Elżbieta Melon, Włodzimierz Winiarski,

1. *Achillea millefolium* L. – mazowieckie voivodeship – Kotowice westland, 16.08;
N52,15115 E20,68677
2. – – – – podlaskie voivodeship – Degucie, 1.10
3. – – – – podlaskie voivodeship – Stańczyki, 1.10;
N54°17.706' E022°38.887'
4. *Agrimonia eupatoria* L. – mazowieckie voivodeship – Kotowice westland, 16.08;
N52,15131 E20,686, 101m a.s.l.
5. – – – – podlaskie voivodeship – Sajzy, 30.09
6. – – – – podlaskie voivodeship – Stańczyki, 1.10;
N54°17.706' E022°38.887'
7. *Anthemis tinctoria* L. . – podlaskie voivodeship – Skajsgiry, 1.10;
N54°18.287' E022°46.140', 275m a.s.l.
8. *Arctium lappa* L. – podlaskie voivodeship – Skajsgiry, 1.10;
N54°18.287' E022°46.140', 275m a.s.l.
9. – minus (Hill) Bernh. – podlaskie voivodeship – Rakówek, 1.10;
N54°18.932' E022°45.831'
10. – tomentosum Mill. – mazowieckie voivodeship – Brwinów westland,
16.08; N52,14647 E20,7018, 127m a.s.l.
11. *Armeria maritima* (Mill.) Willd. – mazowieckie voivodeship – Topolina, 20.09
12. *Armeria maritima* subsp. *elongate* (Hoffm.) Bonnier – mazowieckie voivodeship –
Tatary near Kadzidło meadow near Rozoga, 19.10
13. *Bromus inermis* Leyss. – mazowieckie voivodeship – Kotowice westland, 16.08;
N52,15133 E20,68594, 106m a.s.l.
14. *Cichorium intybus* L. – mazowieckie voivodeship – Brwinów roadside, 16,08;
N52,14617 E20,70237, 96m a.s.l.
15. – – – – podlaskie voivodeship – Degucie, 1.10
16. *Cirsium arvense* (L.) Scop. – mazowieckie voivodeship – Brwinów westland,
16.08;
N52,14644 E20,70181, 118m a.s.l.
17. – – – – mazowieckie voivodeship – Brwinów field balk, 16.08:
N52,14901 E20,69308, 105m a.s.l.
18. – – – – mazowieckie voivodeship – Kotowice field balk, 16.08;

- N52,15128 E20,68597, 110m a.s.l.
19. – eriophorum (L.) Scop. – podlaskie voivodeship – Rakówek, 1.10;
N54°18.932' E022°45.831'
20. *Convallaria majalis* L. – podlaskie voivodeship – Sajzy; 30.09
21. *Conyza canadensis* (L.) Cronquist – mazowieckie voivodeship – Topolina 18.08
22. *Crataegus monogyna* Jacq. – podlaskie voivodeship – Stańczyki, 1.10;
N54°17.706' E022°38.887'
23. *Dactylis glomerata* L. – mazowieckie voivodeship – Kotowice westeland, 16.08;
N52,15128 E20,68598, 80m a.s.l.
24. *Daucus carota* L. – mazowieckie voivodeship – Brwinów roadside, 16.08;
N52,14485 E20,70227, 77m a.s.l.
25. – – – – mazowieckie voivodeship – Kotowice field balk, 16.08;
N52,15268 E20,68223, 124m a.s.l.
26. – – – – mazowieckie voivodeship – Kotowice westeland, 16.08;
N52,15137 E20,68656, 91m a.s.l.
27. – – – – mazowieckie voivodeship – Topolina, 20.09
28. – – – – podlaskie voivodeship – Stańczyki, 1.10;
N54°17.706' E022°38.887'
29. *Dipsacus fullonum* L. – mazowieckie voivodeship – Brwinów westeland, 16.08;
N52,14958 E20,7034, 112m a.s.l.
30. *Echinochloa crus-galli* (L.) P. Beauv. – mazowieckie voivodeship – Brwinów
roadside, 16.08; N52,14636 E20,70183, 115m a.s.l.
31. *Eryngium planum* L. – mazowieckie voivodeship – Kotowice field balk, 16.08;
N52,155 E20,68956, 68m a.s.l.
32. *Evonymus europaeus* L. – podlaskie voivodeship – Stańczyki, 1.10;
N54°17.706' E022°38.887'
33. *Geum urbanum* Hook. f. – podlaskie voivodeship – Romincka Forest hill, 1.10;
N54°18.769' E022°42.482', 229m a.s.l.
34. – – – – mazowieckie voivodeship – Kotowice westeland,
16.08; N52,15125 E20,68589, 104m a.s.l.
35. *Helichrysum arenarium* (L.) Moench – mazowieckie voivodeship – Topolina, 18.08
36. *Hieracium umbellatum* L. – podlaskie voivodeship – Skajsgiry, 1.10;
N54°18.287' E022°46.140', 275m a.s.l.
37. *Hypericum perforatum* L. – mazowieckie voivodeship – Brwinów roadside, 16.08;
N52,14931 E20,6924, 90m a.s.l.
38. – – – – mazowieckie voivodeship – Kotowice
westeland,16.08; N52,15128 E20,68594, 98m a.s.l.
39. – – – – mazowieckie voivodeship – Topolina, 18.08
40. – – – – podlaskie voivodeship – Sajzy; 30.09

A. Willd-collected seeds

41. – – – – podlaskie voivodeship – Skajsgiry, 1.10;
N54°18.287' E022°46.140', 275m a.s.l.
42. – – – – podlaskie voivodeship – Stańczyki;
N54°17.706' E022°38.887'
43. *Lactuca serriola* L.- Brwinów roadside, 16.08; N52,14635 E20,70203, 109m a.s.l.
44. – – – – Kotowice westeland, 16.08;
N52,15215 E20,68481, 82m a.s.l.
45. – – – – podlaskie voivodeship – Romincka Forest hill, 1.10:
N54 18.769 E022 42.482 229m a.s.l.
46. *Lapsana communis* L. – mazowieckie voivodeship – Brwinów roadside, 16.08;
N52,14939 E20,6924, 90m a.s.l.
47. *Linaria vulgaris* Mill. – mazowieckie voivodeship – Tatary near Kadzidło,
meadow near Rozoga river, 19.10
48. *Lupinus polyphyllus* Lindl. – podlaskie voivodeship – Degucie, 1.10
49. *Medicago lupulina* L. – mazowieckie voivodeship – Kotowice westeland, 16.08;
N52,15192 E20,68488, 78m a.s.l.
50. *Melilotus officinalis* (L.) Pall. – mazowieckie voivodeship – Kotowice westeland,
16.08;N52,15131 E20,68602, 111m a.s.l.
51. – albus Medik – podlaskie voivodeship – Skajsgiry, 1.10;
N54°18.287' E022°46.140', 275m a.s.l.
52. *Onopordum acanthium* L. – podlaskie voivodeship – Degucie, 1.10
53. *Papaver rhoeas* L. – zachodnio-pomorskie voivodeship – Sławno cemetery,
54. *Pastinaca sativa* L. – mazowieckie voivodeship – Brwinów westeland, 16.08;
N52,14653 E20,7177, 102m a.s.l.
55. – – – – mazowieckie voivodeship – Kotowice westeland, 16.08;
N52,15133 E20,68615, 92m a.s.l.
56. *Petasites albus* (L.) Gaertn. – małopolskie voivodeship – Zakopane, 20.05
57. *Phleum pratense* L. – mazowieckie voivodeship – Kotowice westeland, 16.08;
N52,15132 E20,68666, 99m a.s.l.
58. *Plantago major* L. – mazowieckie voivodeship – Brwinów roadside, 16.08;
N52,14637 E20,70193, 94m a.s.l.
59. – – – – podlaskie voivodeship – Romincka Forest hill, 1.10;
N54°18.769' E022°42.482', 229m a.s.l.
60. *Plantago media* L. – podlaskie voivodeship – Sajzy, 30.09
61. – – – – podlaskie voivodeship – Stańczyki, 1.10;
N54°17.706' E022°38.887'
62. *Polygonum multiflorum* (L.) All. – podlaskie voivodeship – Sajzy; 30.09
63. *Prunella vulgaris* L. – podlaskie voivodeship – Romincka Forest hill, 1.10;
N54°18.769' E022°42.482', 229m a.s.l.

1. Seeds collected in 2016

64. *Ranunculus acris* L. – podlaskie voivodeship – Stańczyki, 1.10;
N54°17.706' E022°38.887'
65. *Rosa canina* L. – podlaskie voivodeship – Stańczyki; N54°17.706' E022°38.887'
66. *Rumex acetosa* L. – mazowieckie voivodeship – Brwinów near cottage, 16.08;
N 52,14457 E20,70182, 84m a.s.l.
67. – *crispus* L. – mazowieckie voivodeship – Brwinów westland, 16.08;
N52,14661 E20,70176, 136m a.s.l.
68. – – – – mazowieckie voivodeship – Topolina, 18.08
69. – – – – mazowieckie voivodeship – Kotowice field balk, 16.08;
N52,1538 E20,68634, 117m a.s.l.
70. *Sambucus nigra* L. – mazowieckie voivodeship – Brwinów westland, 16.08;
N52,14461 E20,70353, 88m a.s.l.
71. – – – – podlaskie voivodeship – Skajsgiry, 1.10;
N54°18.287' E022°46.140', 275m a.s.l.
72. *Saponaria officinalis* L. – podlaskie voivodeship – Rakówek, 1.10;
N54°18.932' E022°45.831'
73. *Scrophularia nodosa* L. – mazowieckie voivodeship – Kotowice westland, 16.08;
N52,15124 E20,68596, 100m a.s.l.
74. *Silene latifolia* subsp. *alba* (Mill.) Greuter & Burdet – mazowieckie voivodeship –
Pruszków near Utrata river, westland, 01.08
75. – – – – mazowieckie voivodeship –
Brwinów westland, 16.08; N52,14658 E20,70182, 109m a.s.l.
76. *Solanum dulcamara* L. – podlaskie voivodeship – Stańczyki, 1.10;
N54°17.706' E022°38.887'
77. *Solidago virga-aurea* L. – podlaskie voivodeship – Skajsgiry, 1.10;
N54°18.287' E022°46.140', 275m a.s.l.
78. – – – – mazowieckie voivodeship – Topolina, 18.08
79. *Sorbus aucuparia* Poir. – podlaskie voivodeship – Rakówek, 1.10;
N54°18.932' E022°45.831'
80. *Symphoricarpus albus* (L.) S.F. Blake – podlaskie voivodeship – Skajsgiry, 1.10;
N54°18.287' E022°46.140', 275m a.s.l.
81. *Tanacetum vulgare* L. – mazowieckie voivodeship – Kotowice westland, 16.08;
N52,15142 E20,68652, 101m a.s.l.
82. – – – – mazowieckie voivodeship – Kotowice field balk, 16.08;
N52,15274 E20,68213, 89m a.s.l.
83. – – – – podlaskie voivodeship – Degucie, 1.10
84. – – – – podlaskie voivodeship – Skajsgiry; 1.10;
N54°18.287' E022°46.140', 275m a.s.l.
85. *Torilis japonica* (Houtt.) DC. – mazowieckie voivodeship – Kotowice
westland, 16.08; N52,15312 E20,68682 96m a.s.l.

A. Willd-collected seeds

86. – – – – mazowieckie voivodeship – Kotowice westeland,
16.08; N52,15497 E20,6893 768m a.s.l.
87. *Tragopogon dubius* Scop. – mazowieckie voivodeship – Topolina, 16.08
88. – *pratensis* L. – podlaskie voivodeship – Stańczyki, 1.10;
N54°17.706' E022°38.887'
89. *Trifolium arvense* L. – podlaskie voivodeship – Degucie, 1.10
90. *Tripleurospermum inodorum* (L.) Sch. Bip. – mazowieckie voivodeship –
Kotowice westeland 16.08; N52,1522 E20,68495 68m a.s.l.
91. *Tussilago farfara* L. – małopolskie voivodeship – Zakopane, 20.05
92. *Typha latifolia* L. – podlaskie voivodeship – Stańczyki, 1.10;
N54°17.706' E022°38.887'
93. *Urtica dioica* L. – podlaskie voivodeship – Stańczyki 1.10;
N54°17.706' E022°38.887'
94. *Valeriana officinalis* L. – mazowieckie voivodeship – Kotowice westeland, 16.08;
N52,15131 E20,68658 94m a.s.l.

2. SEEDS COLLECTED IN 2018

Collectors:

*Anna Bomanowska, Izabella Kirpluk, Vitaliy P. Kolomiychuk, Elżbieta Melon,
Włodzimierz Winiarski*

95. *Achillea millefolium* L. – mazowieckie voivodeship – Brwinów wasteland;
16.10 – N52°14.506' E20°70.409' 93m a.s.l.
96. *Achillea millefolium* L. – mazowieckie voivodeship – Kotowice wasteland;
16.10 – N52°15.132' E20°68.676' 90m a.s.l.
97. *Achillea millefolium* L. – Ukraine- Zakarpacie – wasteland, hill
19.09, N 48° 17' 10"; E 22° 56' 25"
98. *Agrimonia eupatoria* L. – mazowieckie voivodeship – Kotowice wasteland;
16.10 – N52°15.132' E20°68.676' 90m a.s.l.
99. *Agrimonia pilosa* Ledeb. - Ukraine- Zakarpacie – wasteland ,
19.09, N 48° 13' 21"; E 22° 43' 20"
100. *Agrimonia pilosa* Ledeb. – Ukraine- Zakarpacie – wasteland, hill
19.09, N 48° 17' 10"; E 22° 56' 25"
101. *Ambrosia artemisiifolia* L. - Ukraine- Zakarpacie – wasteland ,
19.09, N 48° 13' 21"; E 22° 43' 20"
102. *Ambrosia artemisiifolia* L. – Ukraine- Zakarpacie – wasteland, hill
19.09, N 48° 17' 10"; E 22° 56' 25"
103. *Arctium minus* (Hill.) Bernh. – Ukraine- Zakarpacie –
Czinadiewo (Czynadijowo), roadside, 18.09, N 48° 29' 18"; E 22° 50' 11"
104. *Arctium tomentosum* Mill. – mazowieckie voivodeship –
Brwinów field edge; 16.10 – N52°15.736' E20°70.389' 91m a.s.l.
105. *Arctium tomentosum* Mill. – mazowieckie voivodeship –
Brwinów wasteland; 16.10 – N52°14.506' E20°70.409' 93m a.s.l.
106. *Arctium tomentosum* Mill. – mazowieckie voivodeship –
Kotowice wasteland; 16.10 – N52°15.132' E20°68.676' 90m a.s.l.
107. *Artemisia vulgaris* L. – mazowieckie voivodeship –
Brwinów wasteland; 16.10 – N52°14.646' E20°70.18' 106m a.s.l.
108. *Artemisia vulgaris* L. – mazowieckie voivodeship –
Kotowice drainage ditch; 16.10 – N52°15.128' E20°686' 97m a.s.l.

1. Seeds collected from plants of wild origin

109. *Artemisia vulgaris* L. – Ukraine- Zakarpacie – wasteland ,
19.09, N 48° 13' 21"; E 22° 43' 20"
110. *Artemisia vulgaris* L. - Ukraine- Zakarpacie –
Swalawa, wasteland, 18.09, N 48° 32' 46"; E 22° 58' 11"
111. *Atriplex nitens* Schkuhr – mazowieckie voivodeship –
Brwinów wasteland; 16.10 – N52°14.646' E20°70.18' 106m a.s.l.
112. *Atriplex nitens* Schkuhr – mazowieckie voivodeship –
Kotowice wasteland; 16.10 – N52°15.606' E20°69.405' 85m a.s.l.
113. *Capsella bursa-pastoris* (L.) Medik. – Ukraine- Zakarpacie, wasteland,
19.09, N 48° 12' 19", E 23° 08' 27"
114. *Cichorium intybus* L. – Ukraine- Zakarpacie – wasteland, hill
19.09, N 48° 17' 10"; E 22° 56' 25"
115. *Cirsium arvense* (L.) Scop. – mazowieckie voivodeship – Brwinów field edge;
16.10 – N52°15.736' E20°70.389' 91m a.s.l.
116. *Cirsium arvense* (L.) Scop. – mazowieckie voivodeship – Kotowice wasteland;
16.10 – N52°15.606' E20°69.405' 85m a.s.l.
117. *Cirsium arvense* (L.) Scop. – mazowieckie voivodeship – Kotowice field edge,
16.10 – N52°15.128' E20°686' 97m a.s.l.
118. *Cirsium arvense* (L.) Scop. - Ukraine- Zakarpacie – Swalawa, wasteland,
18.09, N 48° 32' 46"; E 22° 58' 11"
119. *Cirsium vulgare* (Savi) Ten. - Ukraine- Zakarpacie – Swalawa, wasteland,
18.09, N 48° 32' 46"; E 22° 58' 11"
120. *Clematis vitalba* L. – Ukraine- Zakarpacie – near river Latorica, Mukaczewo,
18.09, N 48° 26' 12"; E 22° 41' 20"
121. *Clematis vitalba* L. – Ukraine- Zakarpacie – near river Latorica, Swalawa,
18.09, N 48° 33' 9"; E 22° 56' 4"
122. *Cornus sanguinea* L. – Ukraine- Zakarpacie – wasteland, hill
19.09, N 48° 17' 10"; E 22° 56' 25"
123. *Cornus sanguinea* L. - Ukraine- Zakarpacie – Swalawa, wasteland,
18.09, N 48° 32' 46"; E 22° 58' 11"
124. *Crataegus laevigata* (Poir.) DC. – Ukraine- Zakarpacie – hill near Beregovo,
22.09, N 48° 13' 50", E 22° 38' 33"
125. *Daucus carota* L. – mazowieckie voivodeship – Brwinów wasteland;

- 16.10 – N52°14.506' E20°70.409' 93m a.s.l.
126. *Daucus carota* L. – mazowieckie voivodeship – Kotowice wasteland;
16.10 – N52°15.606' E20°69.405' 85m a.s.l.
127. *Daucus carota* L. – mazowieckie voivodeship – Kotowice wasteland;
16.10 – N52°15.132' E20°68.676' 90m a.s.l.
128. *Daucus carota* L. – Ukraine- Zakarpacie – wasteland ,
19.09, N 48° 13' 21"; E 22° 43' 20"
129. *Daucus carota* L. – Ukraine- Zakarpacie – wasteland, hill
19.09, N 48° 17' 10"; E 22° 56' 25"
130. *Daucus carota* L. - Ukraine- Zakarpacie – Swalawa, wasteland,
18.09, N 48° 32' 46"; E 22° 58' 11"
131. *Dipsacus fullonum* L. - Ukraine- Zakarpacie – Swalawa, wasteland,
18.09, N 48° 32' 46"; E 22° 58' 11"
132. *Dipsacus laciniatus* L. - Ukraine- Zakarpacie – wasteland ,
19.09, N 48° 13' 21"; E 22° 43' 20"
133. *Echinochloa crus-galli* (L.) P.Beauv. – Ukraine- Zakarpacie, wasteland,
19.09, N 48° 12' 19", E 23° 08' 27"
134. *Erechtites hieracifolia* (L.) Raf. Ex DC. – Ukraine- Zakarpacie – wet forest,
22.09, N 48° 23' 17", E 22° 40' 32"
135. *Euonymus europaeus* L. – mazowieckie voivodeship – Topolina; 7.10
136. *Eupatorium cannabinum* L. – Ukraine- Zakarpacie – wasteland,
19.09, N 48° 10' 53", E 23° 15' 56"
137. *Fallopia dumentorum* (L.) Holub – mazowieckie voivodeship – Kotowice
drainage ditch 16.10 – N52°15.128' E20°686' 97m a.s.l.
138. *Galium verum* L. - Ukraine- Zakarpacie – wasteland ,
19.09, N 48° 13' 21"; E 22° 43' 20"
139. *Galium verum* L. – Ukraine- Zakarpacie – wasteland, hill
19.09, N 48° 17' 10"; E 22° 56' 25"
140. *Heracleum sosnowskyi* Manden. – Ukraine- Zakarpacie –
near river Latorica, Swalawa, 18.09, N 48° 33' 9"; E 22° 56' 4"
141. *Heracleum sphondylium* L. – mazowieckie voivodeship – Brwinów wasteland;
16.10 – N52°15.516' E20°70.742' 94m a.s.l.
142. *Hypericum perforatum* L. – mazowieckie voivodeship – Kotowice field balk;

- 16.10 – N52°15.51' E20°68.944' 95m a.s.l.
143. *Hypericum perforatum* L. - Ukraine- Zakarpacie – wasteland ,
19.09, N 48° 13' 21"; E 22° 43' 20"
144. *Hypericum perforatum* L. – Ukraine- Zakarpacie – wasteland, hill
19.09, N 48° 17' 10"; E 22° 56' 25"
145. *Hypericum perforatum* L. - Ukraine- Zakarpacie – Swalawa, wasteland,
18.09, N 48° 32' 46"; E 22° 58' 11"
146. *Ligustrum vulgare* L. – Ukraine- Zakarpacie – hill near Beregovo,
22.09, N 48° 13' 50", E 22° 38' 33"
147. *Linaria vulgaris* Mill. - Ukraine- Zakarpacie – field edge ,
19.09, N 48° 13' 21"; E 22° 43' 20"
148. *Lycopus europaeus* L. – mazowieckie voivodeship – Brwinów clay pit;
16.10 – N52°15.516' E20°70.742' 94m a.s.l.
149. *Lysimachia vulgaris* L. – mazowieckie voivodeship – Brwinów clay pit;
16.10 – N52°15.516' E20°70.742' 94m a.s.l.
150. *Lythrum salicaria* L. – Ukraine- Zakarpacie, rodeside,
19.09, N 48° 12' 19", E 23° 08' 27"
151. *Melilotus alba* Medik. – mazowieckie voivodeship – Brwinów wasteland;
16.10 – N52°14.506' E20°70.409' 93m a.s.l.
152. *Pastinaca sativa* L. - Ukraine- Zakarpacie – wasteland ,
19.09, N 48° 13' 21"; E 22° 43' 20"
153. *Pastinaca sativa* L. - Ukraine- Zakarpacie – Swalawa, wasteland,
18.09, N 48° 32' 46"; E 22° 58' 11"
154. *Phleum pretense* L. – mazowieckie voivodeship – Brwinów wasteland;
16.10 – N52°14.506' E20°70.409' 93m a.s.l.
155. *Phragmites australis* (Cav.)Trin. ex Steud – mazowieckie clay pit –
Brwinów wasteland; 16.10 – N52°15.516' E20°70.742' 94m a.s.l.
156. *Picris hieracioides* L. - Ukraine- Zakarpacie – wasteland ,
19.09, N 48° 13' 21"; E 22° 43' 20"
157. *Plantago lanceolata* L. - Ukraine- Zakarpacie – Swalawa, wasteland,
18.09, N 48° 32' 46"; E 22° 58' 11"
158. *Plantago major* L. – mazowieckie voivodeship – Brwinów wasteland;

- 16.10 – N52°14.506' E20°70.409' 93m a.s.l.
159. *Plantago major* L. – mazowieckie voivodeship – Brwinów roadside;
16.10 – N52°14.625' E20°70.242' 106m a.s.l.
160. *Prunella vulgaris* Huds. - Ukraine- Zakarpacie, forest edge,
19.09, N 48° 12' 19", E 23° 08' 27"
161. *Prunus spinosa* L. – mazowieckie voivodeship – Topolina; 7.10
162. *Prunus spinosa* L. – Ukraine- Zakarpacie – wasteland, hill
19.09, N 48° 17' 10"; E 22° 56' 25"
163. *Ranunculus acris* L. -- Ukraine- Zakarpacie, forest edge,
19.09, N 48° 12' 19", E 23° 08' 27"
164. *Rosa canina* L. – mazowieckie voivodeship – Kotowice drainage ditch;
16.10 – N52°15.128' E20°686' 97m a.s.l.
165. *Rosa canina* L. - Ukraine- Zakarpacie – wasteland ,
19.09, N 48° 13' 21"; E 22° 43' 20"
166. *Rumex crispus* L. – mazowieckie voivodeship – Brwinów wasteland;
16.10 – N52°14.506' E20°70.409' 93m a.s.l.
167. *Rumex crispus* L. – mazowieckie voivodeship – Kotowice, field edge;
16.10 – N52°15.606' E20°69.405' 85m a.s.l.
168. *Rumex crispus* L. - Ukraine- Zakarpacie – Swalawa, wasteland,
18.09, N 48° 32' 46"; E 22° 58' 11"
169. *Salvia glutinosa* L. – Ukraine- Zakarpacie Soskovo, forest edge
18.09, N 48° 32' 2", E 22° 55' 38"
170. *Salvia pratensis* L. - Ukraine- Zakarpacie – wasteland ,
19.09, N 48° 13' 21"; E 22° 43' 20"
171. *Scrophularia nodosa* L. - Ukraine- Zakarpacie – wasteland ,
19.09, N 48° 13' 21"; E 22° 43' 20"
172. *Scrophularia nodosa* L. – Ukraine- Zakarpacie, forest edge,
19.09, N 48° 12' 19", E 23° 08' 27"
173. *Senecio erucifolius* L. – Ukraine- Zakarpacie – wasteland ,
19.09, N 48° 13' 21"; E 22° 43' 20"
174. *Solanum dulcamara* L. – Ukraine- Zakarpacie – wet forest,
22.09, N 48° 23' 17", E 22° 40' 32"
175. *Sonchus asper* (L.) Hill – mazowieckie voivodeship – Brwinów wasteland;

1. Seeds collected from plants of wild origin

- 16.10 – N52°15.516' E20°70.742' 94m a.s.l.
176. *Tanacetum vulgare* L. – mazowieckie voivodeship – Brwinów wasteland;
16.10 – N52°14.506' E20°70.409' 93m a.s.l.
177. *Tanacetum vulgare* L. – Ukraine- Zakarpacie – wasteland ,
19.09, N 48° 13' 21"; E 22° 43' 20"
178. *Tanacetum vulgare* L. – Ukraine- Zakarpacie – wasteland, hill
19.09, N 48° 17' 10"; E 22° 56' 25"
179. *Tanacetum vulgare* L. – Ukraine- Zakarpacie – Swalawa, wasteland,
18.09, N 48° 32' 46"; E 22° 58' 11"
180. *Torilis japonica* (Houtt.) DC. – mazowieckie voivodeship – Brwinów wasteland;
16.10 – N52°14.506' E20°70.409' 93m a.s.l.
181. *Torilis japonica* (Houtt.) DC. – mazowieckie voivodeship – Kotowice field balk;
16.10 – N52°15.51' E20°68.944' 95m a.s.l.
182. *Torilis japonica* (houtt.) DC. -- Ukraine- Zakarpacie, forest edge,
19.09, N 48° 12' 19", E 23° 08' 27"
183. *Typha latifolia* L. – mazowieckie voivodeship – Kotowice drainage ditch;
16.10 – N52°15.128' E20°686' 97m a.s.l.
184. *Typha latifolia* L. – Ukraine- Zakarpacie Soskovo, drainage ditch
18.09, N 48° 32' 2", E 22° 55' 38"
185. *Urtica dioica* L. – mazowieckie voivodeship – Brwinów field edge;
16.10 – N52°15.736' E20°70.389' 91m a.s.l.
186. *Urtica dioica* L. – mazowieckie voivodeship – Brwinów roadside;
16.10 – N52°14.625' E20°70.242' 106m a.s.l.
187. *Urtica dioica* L. - Ukraine- Zakarpacie, forest edge,
19.09, N 48° 12' 19", E 23° 08' 27"
188. *Verbena officinalis* L. – Ukraine- Zakarpacie, wasteland
19.09, N 48° 12' 19", E 23° 08' 27"

B. SEEDS AND SPORES COLLECTED FROM THE GARDEN

Seeds collected from open-pollinated plants

***seeds collected in 2018**

1. SEEDS COLLECTED FROM PLANTS OF WILD ORIGIN

189. *Achillea ptarmica* L. – mazowieckie voivodeship – Drewnica near Warszawa
190. **Actaea spicata* L. – warmińsko-mazurskie voivodeship – Romincka Forest
191. *Agrimonia eupatoria* L. – mazowieckie voivodeship – Warszawa: Goćław
192. *Alisma plantago-aquatica* L. – warmińsko-mazurskie voivodeship – Sajzy near Elk
193. *Allium montanum* F. W. Schmidt – małopolskie voivodeship –
Ojcowski National Park
194. *Ambrosia psilostachya* DC. – podlaskie voivodeship – Płociczno
195. **Antenaria dioica* (L.) Gaertn. – małopolskie voivodeship – The Tatra National Park
196. *Anthemis tinctoria* L. – podlaskie voivodeship – Wiżajny
197. – – – – małopolskie voivodeship – The Pieniny Mts.: Wąwóz Sobczański
198. *Anthericum ramosum* L. – mazowieckie voivodeship – Zielonka near Warszawa
199. *Aquilegia vulgaris* L. – podlaskie voivodeship – Suwałki
200. **Arabis alpina* L. – małopolskie voivodeship – The Tatra Mts.
201. *Armeria maritima* subsp. *elongata* (Hoffm.) Bonnier – mazowieckie voivodeship
– Kampinos National Park
202. **Artemisia vulgaris* L. – mazowieckie voivodeship – Brwinów near Warszawa
203. *Arum maculatum* – podkarpackie voivodeship – Pogórze Przemyskie
204. **Asplenium scolopendrum* L. – małopolskie voivodeship –
The Pieniny Mts.: Wąwóz Sobczański
205. **Aurinia saxatilis* (L.) Desv. subsp. *saxatilis* –
małopolskie voivodeship – The Pieniny Mts.

206. *Barbarea vulgaris* R. Br. – zachodniopomorskie voivodeship – Grędziec
207. *Bidens frondosa* L. – mazowieckie voivodeship – Celestynów near Warszawa
208. *Calla palustris* L. – podlaskie voivodeship – Wigry National Park
209. *Campanula bononiensis* L. – opolskie voivodeship – Gogolin
210. *Carex pseudocyperus* L. – warmińsko-mazurskie voivodeship – Sajzy near Ełk
211. **Centaurea jacea* L. – mazowieckie voivodeship – Kampinos National Park
212. – – – – małopolskie voivodeship – The Tatra National Park
213. *Chaerophyllum aromaticum* L. – mazowieckie voivodeship – Jadów near Warszawa
214. *Cichorium intybus* L. – mazowieckie voivodeship – Warszawa: Wawer
215. **Cirsium eriophorum* (L.) Scop. – małopolskie voivodeship –
The Tatra National Park
216. *Digitalis grandiflora* Mill. – mazowieckie voivodeship – Jabłonna near Warszawa
217. – – – – małopolskie voivodeship – The Tatra National Park
218. **Dorycnium pentaphyllum herbaceum* (Vill.) Rouy –
Romania – Distr. Bistrita; Nasand
219. *Eryngium campestre* L. – lubelskie voivodeship – Kazimierz Dolny
220. *Eupatorium cannabinum* L. – mazowieckie voivodeship –
Podzamcze near Maciejowice
221. **Festuca pallens* Host – małopolskie voivodeship – The Pieniny Mts.
222. *– *versicolor* Tausch – małopolskie voivodeship – The Tatra National Park
223. *Filipendula ulmaria* (L.) Maxim. – mazowieckie voivodeship – Klembów near
Warszawa

224. *Gentiana asclepiadea* L. małopolskie voivodeship –
The Tatra National Park: Za Bramką Valley
225. **Gallium schultesii* Vest – małopolskie voivodeship –
The Tatra National Park: Małej Łąki Valley
226. **Geum rivale* L. – małopolskie voivodeship –
The Tatra National Park: Małej Łąki Valley
227. *Helianthemum nummularium* (L.) Mill. subsp. *obscurum* (Čelak) Holub –
mazowieckie voivodeship – Warszawa: Wawrzyszew
228. *– *nummularium* subsp. *grandiflorum* (Scop.) Schinz et Thell.
– małopolskie voivodeship – The Tatra Mts.
229. **Hieracium flagellare* Willd. *flagellare* – małopolskie voivodeship – The Tatra Mts.
230. *– *pilosella* L. – mazowieckie voivodeship – Kampinos National Park
231. –*umbellatum* L. – mazowieckie voivodeship – Warszawa: Bemowo
232. *– var. *linariifolium* Wallr. – pomorskie voivodeship – Słowiński National Park
233. *Hypericum androsaemum* L. – France – Villon du Bitet – Pyrenees Atlantiques
234. *maculatum* Crantz – warmińsko–mazurskie voivodeship – Sajzy near Ełk
235. **Inula ensifolia* L. – lubelskie voivodeship – Roztocze
236. **Isatis tinctoria* L. – kujawsko-pomorskie voivodeship – Toruń
237. **Koeleria glauca* (Schrad.) DC. – mazowieckie voivodeship – Kazuń
238. *Lathyrus sylvestris* L. – mazowieckie voivodeship – Warszawa: Wawer
239. *Leonurus cardiaca* L. – mazowieckie voivodeship – Brwinów
240. *Lunaria rediviva* L. – małopolskie voivodeship – Beskid Niski –
Bartnia Mt. near Gorlice
241. – – – – małopolskie voivodeship – The Tatra National Park: Wąwóz Kraków

242. *Lupinus polyphyllus* Lindl. – warmińsko–mazurskie voivodeship – Skajzgiry
243. *Lycopus europaeus* L. – mazowieckie voivodeship – Warszawa: Bemowski Forest
244. *Lysimachia vulgaris* L. – mazowieckie voivodeship – Warszawa: Gołławek
245. **Melica altissima* L. – Hungary – Hortobagy
246. *– *nutans* L.– Slovakia – Slovensky Kras
247. *Mentha longifolia* (L.) Huds. – mazowieckie voivodeship – Bemowski Forest
248. *Pastinaca sativa* L. – mazowieckie voivodeship – Brwinów
249. *Plantago major* L. – mazowieckie voivodeship – Brwinów near Warszawa
250. – *media* L. – mazowieckie voivodeship – Warszawa
251. – – – – małopolskie voivodeship – The Tatra National Park: by Kopieniec
252. *Potentilla alchimilloides* Lapeyr. – Switzerland – The Pyrenees
253. **Primula elatior* (L.) Hill – Slovakia – Slanske Vrchy
254. – *veris* L. – małopolskie voivodeship –
The Tatra National Park: Droga pod Regłami (Nędzówka)
255. – – – –mazowieckie voivodeship – Jabłonna
256. *Ranunculus acris* L. – małopolskie voivodeship – The Tatra National Park
257. *– – – — mazowieckie voivodeship – Klembów near Warszawa
258. – *lanuginosus* L. – podlaskie voivodeship – Białowieża Forest
259. *Rosa pendulina* L. – małopolskie voivodeship – The Tatra Mts.:
Droga pod Regłami Krzeptówki
260. **Rumex alpinus* L. – małopolskie voivodeship – The Tatra National Park
261. **Salvia glutinosa* L. – warmińsko-mazurskie voivodeship – Romincka Forest

262. – *verticillata* L. – mazowieckie voivodeship – Kampinos National Park: Palmiry
263. *Scrophularia nodosa* L. – mazowieckie voivodeship – Warszawa: Gołławek
264. **Sesleria tatrae* (Degen) Deyl – małopolskie voivodeship – The Tatra National Park
265. **Sium latifolium* L. – warmińsko–mazurskie voivodeship – Sajzy near Ełk
266. *Solidago gigantea* Aiton – mazowieckie voivodeship – Łochów near Warszawa
267. **Stachys alpina* L. – France – Haute-Savoie
268. – *officinalis* (L.) Trevis. – mazowieckie voivodeship – Drewnica near Warszawa
269. – *sylvatica* L. – lubelskie voivodeship – Lublin
270. *Staphylea pinnata* L. – podkarpackie voivodeship – Pogórze Przemyskie
271. *Tanacetum vulgare* L. – mazowieckie voivodeship –
Kampinos National Park: Nowe Budy
272. **Telekia speciosa* (Schreb.) Baumg. – Croatia – Risnjak National Park
273. **Tetragonolobus maritimus* (L.) Roth – kujawsko-pomorskie voivodeship –
Mtwy near Inowrocław
274. *Thalictrum aquilegifolium* L. – mazowieckie voivodeship – Kampinos National
Park: Palmiry
275. – *minus* L. – mazowieckie voivodeship – Warszawa: Młociny
276. *Veronica spicata* L. – mazowieckie voivodeship – Warszawa: Bemowski Forest
277. **Vincetoxicum hirundinaria* Medik. – mazowieckie voivodeship –
Kampinos National Park: Rybitwy
278. – – – – Slovakia – Slovensky Kras
279. *Viscaria vulgaris* Röhl. – mazowieckie voivodeship – Klembów

2. SEEDS AND SPORES COLLECTED FROM PLANTS
OF UNKNOWN ORIGIN

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| 280. * <i>Abutilon theophrasti</i> Medik. | 301. – <i>platyceras</i> Link & Otto |
| 281. <i>Acanthus hungaricus</i> (Borbás)
Beanitz | 302. <i>Arisaema amurense</i> Maxim. |
| 282. <i>Achillea biserrata</i> M. Bieb. | 303. <i>Arum italicum</i> L. |
| 283. – <i>filipendulina</i> Lam. | 304. * <i>Aruncus sylvestris</i> Kostel. |
| 284. – <i>millefolium</i> L. | 305. <i>Asclepias syriaca</i> L. |
| 285. *– <i>obscura</i> Ness | 306. <i>Aster lowrieanus</i> Porter |
| 286. – <i>pannonica</i> Scheele | 307. <i>Astrantia major</i> L. |
| 287. <i>Agrostemma githago</i> L. | 308. <i>Atriplex hortensis</i> L. |
| 288. * <i>Alcea rosea</i> L. ‘Nigra’ | 309. * <i>Baptisia tinctoria</i> (L.) Vent. |
| 289. * <i>Allium carinatum</i> L. subsp.
<i>carinatum</i> | 310. <i>Betonica officinalis</i> L. |
| 290. *– <i>moly</i> L. | 311. <i>Browallia americana</i> L. |
| 291. * <i>Alyssoides utriculata</i> (L.) Medik | 312. * <i>Bunias orientalis</i> L. |
| 292. <i>Alyssum argenteum</i> All. | 313. <i>Cacalia suaveolens</i> L. |
| 293. <i>Amaranthus caudatus</i> L. | 314. <i>Calandrinia ciliata</i> (Ruiz & Pav.) DC. |
| 294. * <i>Anemone sylvestris</i> L. | 315. <i>Campanula alliariifolia</i> Willd. |
| 295. * <i>Angelica archangelica</i> L. | 316. *– <i>latifolia</i> L. |
| 296. <i>Anthericum liliago</i> L. | 317. *– <i>takesimana</i> Nakai |
| 297. * <i>Aquilegia vulgaris</i> L. | 318. *– <i>trachelium</i> L. |
| 298. * <i>Arabis procurrens</i> Waldst. et Kit. | 319. * <i>Canna edulis</i> Ker Gawl. |
| 299. <i>Arctium tomentosum</i> Mill. | 320. * <i>Cannabis sativa</i> L. |
| 300. <i>Argemone mexicana</i> L. | |

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| 321. * <i>Centaurea dealbata</i> Willd. | 345. <i>Dipsacus fullonum</i> L. |
| 322. <i>Cephalaria gigantea</i> (Ledeb.) Bobrov | 346. <i>Dorycnium pentaphyllum</i> Scop. |
| 323. * <i>Chaerophyllum aromaticum</i> L. | 347. <i>Dryas octopetala</i> L. |
| 324. *– <i>aureum</i> L. | |
| 325. * <i>Chamaemelum nobile</i> (L.) All. | 348. <i>Echinops ritro</i> L. |
| 326. <i>Cheiranthus cheiri</i> L. | 349. – <i>sphaerocephalus</i> L. |
| 327. * <i>Chenopodium ambrosioides</i> L. | 350. <i>Echium vulgare</i> L. |
| 328. – <i>botrys</i> L. | 351. * <i>Erigeron speciosus</i> (Lindl.) DC. |
| 329. – <i>giganteum</i> D. Don | 352. * <i>Eriophyllum lanatum</i> (Pursh)
J. Forbes |
| 330. <i>Cichorium intybus</i> L. | 353. <i>Eryngium planum</i> L. |
| 331. * <i>Cimicifuga europaea</i> Schipcz. | 354. <i>Erysimum cheiri</i> (L.) Crantz |
| 332. <i>Coix lacryma-jobi</i> L. | 355. * <i>Euonymus nanus</i> M.Bieb |
| 333. * <i>Colutea arborescens</i> L. | 356. <i>Eupatorium ageratoides</i> L. f. |
| 334. <i>Consolida ajacis</i> (L.) Schur | 357. *– <i>purpureum</i> L. |
| 335. * <i>Coreopsis lanceolata</i> L. | |
| 336. *– <i>pubescens</i> Elliot | 358. * <i>Filipendula ulmaria</i> (L.) Maxim |
| 337. * <i>Crambe cordifolia</i> Steven | 359. *– <i>vulgaris</i> Moench |
| 338. * <i>Cucurbita ficifolia</i> Bouche | |
| 339. * <i>Cyclanthera pedata</i> (L.) Shrader | 360. * <i>Gaura biennis</i> L. |
| | 361. * <i>Genista tinctoria</i> L. |
| 340. <i>Datura ferox</i> L. | 362. * <i>Geum urbanum</i> L. |
| 341. <i>Daucus carota</i> L. | 363. <i>Gladiolus imbricatus</i> L. |
| 342. <i>Desmodium canadense</i> (L.) DC. | 364. * <i>Glycine max</i> (L.) Merr. |
| 343. <i>Digitalis grandiflora</i> Mill. | 365. <i>Glycyrrhiza echinata</i> L. |
| 344. – <i>purpurea</i> L. | 366. * <i>Grindelia robusta</i> Nutt. |

2. Seeds collected from plants of unknown origin

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| 367. <i>Grossheimia macrocephala</i>
(Muss. Puschk ex Willd) Sosn. et Takht. | 388. <i>Lavandula angustifolia</i> Mill. |
| 368. * <i>Guizotia abyssinica</i> (L. f.) Cass. | 389. <i>Leonotis nepetifolia</i> (L.) R. Br. |
| 369. <i>Gypsophila acutifolia</i> Steven ex
Spreng | 390. * <i>Leonurus cardiaca</i> L. |
| 370. <i>Hablitzia tamnoides</i> M.Bieb. | 391. <i>Lepidium latifolium</i> L. |
| 371. * <i>Helenium autumnale</i> L. | 392. * <i>Leucanthemum maximum</i> (Ramond)
DC. |
| 372. * <i>Helianthus giganteus</i> L. | 393. <i>Ligularia dentata</i> (A.Gray) Hara |
| 373. – <i>maximiliani</i> Schrad. | 394. – <i>przewalskii</i> (Maxim.) Diels |
| 374. <i>Heracleum persicum</i> Desf. ex Fisch. | 395. – <i>stenocephala</i> (Maxim.) Matsum.
et Koidz. |
| 375. * <i>Heuchera glabella</i> Torr. & A. Gray | 396. *– <i>veitchiana</i> (Hemsl.) Greenm. |
| 376. <i>Hieracium maculatum</i> Sm. | 397. * <i>Ligusticum lucidum</i> Mill. |
| 377. <i>Hypericum maculatum</i> Crantz | 398. <i>Lobelia inflata</i> L. |
| 378. * <i>Hypochaeris maculata</i> L. | 399. – <i>siphilitica</i> L. |
| 379. <i>Hyssopus officinalis</i> L. | 400. <i>Lonicera periclymenum</i> L. |
| 380. <i>Impatiens balsamina</i> L. | 401. <i>Lunaria annua</i> L. |
| 381. <i>Inula helenium</i> L. | 402. – <i>rediviva</i> L. |
| 382. <i>Ipomoea cristulata</i> Hallier f. | 403. <i>Lychnis coronaria</i> Desr. |
| 383. – <i>purpurea</i> (L.) Roth | 404. – <i>flos-jovis</i> (L.) Desr. |
| 384. – <i>rubriflora</i> O'Donell | 405. <i>Lysimachia punctata</i> L. |
| 385. * <i>Juncus balticus</i> Willd. | 406. <i>Lythrum salicaria</i> L. |
| 386. *– <i>gerardii</i> Loisel. | 407. * <i>Mandragora officinarum</i> L. |
| 387. * <i>Laserpitium siler</i> L. | 408. * <i>Melandrium rubrum</i> (Weigel)
Garcke |
| | 409. <i>Mentha x piperita</i> L. |
| | 410. <i>Monarda fistulosa</i> L. |

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| 411. <i>Nicandra physalodes</i> (L.) Gaertn. | 433. – <i>icosandra</i> L. |
| 412. <i>Nigella arvensis</i> L. | 434. <i>Physalis alkekengi</i> L. |
| 413. – <i>damascena</i> L. | 435. <i>Physostegia virginiana</i> (L.) Benth. |
| 414. <i>Oenothera biennis</i> L. | 436. <i>Platycodon grandiflorus</i> (Jacq.)
A. DC. |
| 415. – <i>fruticosa</i> L. | 437. * <i>Podophyllum hexandrum</i> Royle |
| 416. <i>Onopordum acanthium</i> L. | 438. * <i>Polygonum bistorta</i> L. |
| 417. <i>Oxyria digyna</i> (L.) Hill | 439. *– <i>virginianum</i> L. |
| 418. <i>Papaver atlanticum</i> Coss. | 440. *– <i>viviparum</i> L. |
| 419. – <i>fugax</i> Poir. | 441. * <i>Potentilla crantzii</i>
(Crantz) Beck ex Fritsch |
| 420. <i>Parietaria officinalis</i> L. | 442. – <i>grandiflora</i> L. |
| 421. * <i>Pastinaca sativa</i> L. | 443. – <i>recta</i> L. |
| 422. <i>Penstemon confertus</i> Douglas ex
Lindl. | 444. * <i>Primula auricula</i> L. |
| 423. – <i>hirsutus</i> (L.) Willd. | 445. – <i>veris</i> L. |
| 424. – <i>palmeri</i> A. Gray | 446. – subsp. <i>macrocalyx</i> (Bunge) Lüdi |
| 425. <i>Peucedanum officinale</i> L. | 447. <i>Prunella vulgaris</i> L. |
| 426. <i>Phacelia bolanderi</i> A. Gray | 448. <i>Ratibida pinnata</i> (Vent.) Barnhart |
| 427. – <i>tanacetifolia</i> Benth. | 449. <i>Rheum undulatum</i> L. |
| 428. <i>Phlomis maximowiczii</i> Regel | 450. * <i>Rhodotypos scandens</i> (Thunb.)
Makino |
| 429. * <i>Phlomis tuberosa</i> L. | 451. * <i>Ricinus communis</i> L. |
| 430. – <i>viscosa</i> Poiret | 452. <i>Rosa serafinii</i> Viv. |
| 431. <i>Phlox paniculata</i> L. | 453. <i>Rudbeckia fulgida</i> var. <i>sullivantii</i>
(C.L.Boynton et Beadle) Cronquist |
| 432. <i>Phytolacca americana</i> L. | 454. – <i>triloba</i> L. |

2. Seeds collected from plants of unknown origin

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|---------------------------------------|---|
| 455. *Rumex scutatus L. | |
| 456. Ruta graveolens L. | 479. Talinum paniculatum (Jacq.) Gaertn. |
| | 480. Tanacetum clusii (Rchb.) Sojak |
| 457. Salvia austriaca Jacq. | 481. *– macrophyllum
(Waldst. et Kit.) Sch. Bip. |
| 458. – glutinosa L. | 482. *– parthenium (L.) Sch. Bip. |
| 459. *– nemorosa L. | 483. – vulgare L. |
| 460. – officinalis L. | 484. *Tellima grandiflora (Pursh) Douglas
ex Lindl |
| 461. *– sclarea L. | |
| 462. – verticillata L. | 485. Teucrium hircanicum L. |
| 463. Sanguisorba canadensis L. | 486. Thalictrum dipterocarpum Franch. |
| 464. *– officinalis L. | 487. *Tragopogon porrifolius L. |
| 465. Saxifraga hostii Tausch | 488. Trifolium ochroleucon Hudson |
| 466. *– rosacea Moench | 489. *– pannonicum Jacq. |
| 467. Scrophularia kakudensis Franch. | 490. *Trigonella caerulea (L.) Ser. |
| 468. Senecio doria L. | 491. *Turnera ulmifolia L. |
| 469. *Serratula wolffii Andrae | |
| 470. Silene saxifraga L. | 492. Urena lobata L. |
| 471. Silphium gracile A.Gray | |
| 472. – laciniatum L. | 493. *Verbascum nigrum L. |
| 473. – perfoliatum L. | 494. – densiflorum Bertol. |
| 474. *Solanum citrullifolium A. Braun | 495. *Verbena bonariensis L. |
| 475. *– triflorum Nutt. | 496. – hastata L. |
| 476. Solidago flexicaulis L. | 497. Veronica gentianoides Vahl |
| 477. – gigantea Aiton | 498. – sibirica L. |
| 478. Sorbus sudetica (Tausch) Fritsch | 499. *Vicia faba L. |

B. Seeds and spores collected from the garden

500. **Viscaria vulgaris* Bernh.

501. **Zinnia peruviana* (L.) L.

C. SEEDS AND SPORES COLLECTED FROM THE GLASSHOUSES

- 502. **Abrus precatorius* L.
- 503. *Aechmea bracteata* (Sw.) Griseb.
- 504. *Aglaonema commutatum* Schott
- 505. *Anthurium cordatum* (L.) Schott
- 506. *Araecoccus flagellifolius* Harms
- 507. *Ardisia solanacea* (Poir.) Roxb.
- 508. **Aristolochia fimbriata* Cham.
- 509. *– *gigantea* Mart.
- 510. – *grandiflora* Sw.
- 511. – *littoralis* Parodi
- 512. *Artabotrys hexapetalus* (L.f.) Bhandari
- 513. *Bertolonia primuliflora* Dombrain
- 514. *Capsicum nigrum* Willd.
- 515. *Citrus x aurantium* L.
- 516. *Clerodendrum speciosissimum* Drapiez
- 517. *Coffea arabica* L.
- 518. *Costus megalobracteata* K.Schum.
- 519. *Cyrtomium falcatum* (L. f.) C. Presl
- 520. *Drosera binata* Labill.
- 521. *Drosera binata* Labill. var. *multifida*
- 522. *Epiphyllum anguliger* (Lem.) G. Don
- 523. *Eugenia uniflora* L.
- 524. *Eupatorium macrophyllum* L.
- 525. **Euryale ferox* Salisb.
- 526. **Gossypium herbaceum* L.
- 527. *Hedychium horsfieldii* R.Br. ex Wall.

- 528. *Medinilla myriantha* Merr.
- 529. *Medinilla speciosa* Blume
- 530. *Microchirita micromusa* (B.L.Burtt) A.Weber & D.J.Middleton
- 531. **Musa coccinea* H. C. Andrews
- 532. – *textilis* Née
- 533. – *velutina* H.Wendl. & Drude
- 534. *Phlebodium aureum* (L.) J. Sm
- 535. *Platyserium superbum* de Jonch. Hennipman
- 536. *Pseudosbeckia swynnertonii* A.Fern. & R.Fern
- 537. *Psychotria cuneata* Elmer
- 538. *Rauvolfia serpentina* (L.) Benth. ex Kurz
- 539. *Rivina brasiliensis* Nocca
- 540. *Rivina humilis* L.
- 541. *Sabal minor* (Jacq.) Pers.
- 542. *Stenospermation popayanense* Schott
- 543. *Streptocarpus variabilis* Humbert
- 544. *Tabernanthe-iboga* Baill.
- 545. *Tacca chantrieri* Andre
- 546. **Tapeinochilos spectabilis* K.Schum.
- 547. *Tetranema roseum* (M.Martens & Galeotti) Standl. & Steyerm.
- 548. *Tillandsia balbisiana* Schult. & Schult.f.
- 549. *Tillandsia bulbosa* Hook.
- 550. *Tillandsia juncea* (Ruiz & Pav.) Poir.
- 551. *Tillandsia rodrigueziana* Mez
- 552. *Tillandsia schiedeana* Steud.
- 553. *Turraea heterophylla* Sm.