

## A. WILD–COLLECTED SEEDS

### 1. SEEDS COLLECTED IN 2020

*Collectors: Piotr Dobrzyński, Katarzyna Guranowska, Izabella Kirpluk, Elżbieta Melon,  
Włodzimierz Winiarski,*

1. *Achillea millefolium* L. – mazowieckie voivodeship –  
Pawłowice sandy soil turfgrass, 12.08
2. – – – – mazowieckie voivodeship – Warszawa:  
Sadyba nead Czerniakowskie lake, 14.09
3. *Arctium tomentosum* Mill. – mazowieckie voivodeship – Żaby westeland, 12.08
4. *Centaurea cyanus* L. – zachodniopomorskie voivodeship –  
Sławno, 14.08; N 54° 20' 18.492 , E 16° 40' 34.859, 15.08
5. *Chelidonium majus* L. – mazowieckie voivodeship – Topolina, 21.06
6. *Cichorium intybus* L. – mazowieckie voivodeship – Żaby westeland, 12.08
7. – – – – mazowieckie voivodeship – Warszawa:  
Sadyba nead Czerniakowskie lake, 14.09
8. *Cirsium arvense* (L.) Scop. – mazowieckie voivodeship –  
Boża Wola westeland, 12.08
9. – – – – mazowieckie voivodeship – Żaby westeland, 12.08
10. *Corynephorus canescens* (L.) Beauv. – mazowieckie voivodeship –  
Pawłowice sandy soil turfgrass, 12.08
11. *Daucus carota* L. – mazowieckie voivodeship – Boża Wola westeland, 12.08
12. – – – – mazowieckie voivodeship – Żaby westeland, 12.08
13. – – – – mazowieckie voivodeship – Warszawa:  
Sadyba nead Czerniakowskie lake, 14.09
14. *Heracleum sphondylium* L. – mazowieckie voivodeship –  
Marysinek roadside, 12.08
15. *Hypericum perforatum* L. – mazowieckie voivodeship –  
Pawłowice sandy soil turfgrass 12.08
16. – – – – mazowieckie voivodeship – Warszawa:

1. Seeds collected in 2020

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Sadyba nead Czerniakowskie lake, 14.09

17. *Jasione montana* L. – mazowieckie voivodeship –  
Pawłowice sandy soil turfgrass 12.08
18. *Lactuca serriola* L. – mazowieckie voivodeship Żaby westland, 12.08
19. *Melandrium album* (Mill.) Garcke – mazowieckie voivodeship  
Leszno westland, 12.08
20. – *noctiflorum* (L.) Fr. – mazowieckie voivodeship Boża Wola westland, 12.08
21. *Onopordum acanthium* L. – mazowieckie voivodeship Leszno westland, 12.08
22. *Papaver rhoeas* L. zachodniopomorskie voivodeship –  
Sławno, 14.08; N 54° 20' 18.492, E 16° 40' 34.859, 15.08
23. *Plantago lanceolata* L. – mazowieckie voivodeship Leszno westland, 12.08
24. *Rumex acetosa* L. – mazowieckie voivodeship Boża Wola westland, 12.08
25. – – – – mazowieckie voivodeship Pawłowice sandy soil turfgrass, 12.08
26. *Tanacetum vulgare* L. – mazowieckie voivodeship Żaby westland, 12.08
27. – – – – mazowieckie voivodeship – Warszawa:  
Sadyba nead Czerniakowskie lake, 14.09
28. *Torilis japonica* (Houtt.) DC. – mazowieckie voivodeship Żaby roadside, 12.08
29. – – – – mazowieckie voivodeship – Warszawa:  
Sadyba nead Czerniakowskie lake, 14.09
30. *Tragopogon pratensis* L. – mazowieckie voivodeship – Topolina, 21.06
31. – – – – mazowieckie voivodeship – Warszawa:  
Sadyba nead Czerniakowskie lake, 14.09
32. *Trifolium arvense* L. – mazowieckie voivodeship  
Pawłowice sandy soil turfgrass, 12.08
33. – – – – mazowieckie voivodeship – mazowieckie voivodeship – Topolina, 21.06

## 2. SEEDS COLLECTED IN 2019

### Collectors:

*Piotr Dobrzyński, Katarzyna Guranowska, Magdalena Chelchowska, Izabella Kirpluk, Agnieszka Kufel-Zaucha, Jowita Misztal, Elżbieta Melon, Włodzimierz Winiarski*

34. *Achillea millefolium* L. – mazowieckie voivodeship – Kotowice westland, 16.08;  
N52,15115 E20,68677
35. – – – – podlaskie voivodeship – Degucie, 1.10
36. – – – – podlaskie voivodeship – Stańczyki, 1.10;  
N54°17.706' E022°38.887'
37. *Agrimonia eupatoria* L. – mazowieckie voivodeship – Kotowice westland, 16.08;  
N52,15131 E20,686, 101m a.s.l.
38. – – – – podlaskie voivodeship – Sajzy, 30.09
39. – – – – podlaskie voivodeship – Stańczyki, 1.10;  
N54°17.706' E022°38.887'
40. *Anthemis tinctoria* L. . – podlaskie voivodeship – Skajsgiry, 1.10;  
N54°18.287' E022°46.140', 275m a.s.l.
41. *Arctium lappa* L. – podlaskie voivodeship – Skajsgiry, 1.10;  
N54°18.287' E022°46.140', 275m a.s.l.
42. – minus (Hill) Bernh. – podlaskie voivodeship – Rakówek, 1.10;  
N54°18.932' E022°45.831'
43. – tomentosum Mill. – mazowieckie voivodeship – Brwinów westland,  
16.08; N52,14647 E20,7018, 127m a.s.l.
44. *Armeria maritima* (Mill.) Willd. – mazowieckie voivodeship – Topolina, 20.09
45. *Armeria maritima* subsp. *elongate* (Hoffm.) Bonnier – mazowieckie voivodeship –  
Tatary near Kadzidło meadow near Rozoga, 19.10
46. *Bromus inermis* Leyss. – mazowieckie voivodeship – Kotowice westland, 16.08;  
N52,15133 E20,68594, 106m a.s.l.
47. *Cichorium intybus* L. – mazowieckie voivodeship – Brwinów roadside, 16,08;  
N52,14617 E20,70237, 96m a.s.l.
48. – – – – podlaskie voivodeship – Degucie, 1.10
49. *Cirsium arvense* (L.) Scop. – mazowieckie voivodeship – Brwinów westland,  
16.08;  
N52,14644 E20,70181, 118m a.s.l.
50. – – – – mazowieckie voivodeship – Brwinów field balk, 16.08;  
N52,14901 E20,69308, 105m a.s.l.
51. – – – – mazowieckie voivodeship – Kotowice field balk, 16.08;  
N52,15128 E20,68597, 110m a.s.l.

52. – eriophorum (L.) Scop. – podlaskie voivodeship – Rakówek, 1.10;  
N54°18.932' E022°45.831'
53. *Convallaria majalis* L. – podlaskie voivodeship – Sajzy; 30.09
54. *Conyza canadensis* (L.) Cronquist – mazowieckie voivodeship – Topolina 18.08
55. *Crataegus monogyna* Jacq. – podlaskie voivodeship – Stańczyki, 1.10;  
N54°17.706' E022°38.887'
56. *Dactylis glomerata* L. – mazowieckie voivodeship – Kotowice westeland, 16.08;  
N52,15128 E2068598, 80m a.s.l.
57. *Daucus carota* L. – mazowieckie voivodeship – Brwinów roadside, 16.08;  
N52,14485 E20,70227, 77m a.s.l.
58. – – – – mazowieckie voivodeship – Kotowice field balk, 16.08;  
N52,15268 E20,68223, 124m a.s.l.
59. – – – – mazowieckie voivodeship – Kotowice westeland, 16.08;  
N52,15137 E20,68656, 91m a.s.l.
60. – – – – mazowieckie voivodeship – Topolina, 20.09
61. – – – – podlaskie voivodeship – Stańczyki, 1.10;  
N54°17.706' E022°38.887'
62. *Dipsacus fullonum* L. – mazowieckie voivodeship – Brwinów westeland, 16.08;  
N52,14958 E20,7034, 112m a.s.l.
63. *Echinochloa crus-galli* (L.) P. Beauv. – mazowieckie voivodeship – Brwinów  
roadside, 16.08; N52,14636 E20,70183, 115m a.s.l.
64. *Eryngium planum* L. – mazowieckie voivodeship – Kotowice field balk, 16.08;  
N52,155 E20,68956, 68m a.s.l.
65. *Evonymus europaeus* L. – podlaskie voivodeship – Stańczyki, 1.10;  
N54°17.706' E022°38.887'
66. *Geum urbanum* Hook. f. – podlaskie voivodeship – Romincka Forest hill, 1.10;  
N54°18.769' E022°42.482', 229m a.s.l.
67. – – – – mazowieckie voivodeship – Kotowice westeland,  
16.08; N52,15125 E20,68589, 104m a.s.l.
68. *Helichrysum arenarium* (L.) Moench – mazowieckie voivodeship – Topolina, 18.08
69. *Hieracium umbellatum* L. – podlaskie voivodeship – Skajsgiry, 1.10;  
N54°18.287' E022°46.140', 275m a.s.l.
70. *Hypericum perforatum* L. – mazowieckie voivodeship – Brwinów roadside, 16.08;  
N52,14931 E20,6924, 90m a.s.l.
71. – – – – mazowieckie voivodeship – Kotowice  
westeland, 16.08; N52,15128 E20,68594, 98m a.s.l.
72. – – – – mazowieckie voivodeship – Topolina, 18.08
73. – – – – podlaskie voivodeship – Sajzy; 30.09
74. – – – – podlaskie voivodeship – Skajsgiry, 1.10;

75. ----- podlaskie voivodeship – Stańczyki;  
N54°18.287' E022°46.140', 275m a.s.l.  
N54°17.706' E022°38.887'
76. *Lactuca serriola* L.- Brwinów roadside, 16.08; N52,14635 E20,70203, 109m a.s.l.
77. ----- Kotowice westeland, 16.08;  
N52,15215 E20,68481, 82m a.s.l.
78. ----- podlaskie voivodeship – Romincka Forest hill, 1.10;  
N54 18.769 E022 42.482 229m a.s.l.
79. *Lapsana communis* L. – mazowieckie voivodeship – Brwinów roadside, 16.08;  
N52,14939 E20,6924, 90m a.s.l.
80. *Linaria vulgaris* Mill. – mazowieckie voivodeship – Tatary near Kadzidło,  
meadow near Rozoga river, 19.10
81. *Lupinus polyphyllus* Lindl. – podlaskie voivodeship – Degucie, 1.10
82. *Medicago lupulina* L. – mazowieckie voivodeship – Kotowice westeland, 16.08;  
N52,15192 E20,68488, 78m a.s.l.
83. *Melilotus officinalis* (L.) Pall. – mazowieckie voivodeship – Kotowice westeland,  
16.08;N52,15131 E20,68602, 111m a.s.l.
84. – albus Medik – podlaskie voivodeship – Skajsgiry, 1.10;  
N54°18.287' E022°46.140', 275m a.s.l.
85. *Onopordum acanthium* L. – podlaskie voivodeship – Degucie, 1.10
86. *Papaver rhoeas* L. – zachodnio-pomorskie voivodeship – Sławno cemetery,
87. *Pastinaca sativa* L. – mazowieckie voivodeship – Brwinów westeland, 16.08;  
N52,14653 E20,7177, 102m a.s.l.
88. ----- mazowieckie voivodeship – Kotowice westeland, 16.08;  
N52,15133 E20,68615, 92m a.s.l.
89. *Petasites albus* (L.) Gaertn. – małopolskie voivodeship – Zakopane, 20.05
90. *Phleum pratense* L. – mazowieckie voivodeship – Kotowice westeland, 16.08;  
N52,15132 E20,68666, 99m a.s.l.
91. *Plantago major* L. – mazowieckie voivodeship – Brwinów roadside, 16.08;  
N52,14637 E20,70193, 94m a.s.l.
92. ----- podlaskie voivodeship – Romincka Forest hill, 1.10;  
N54°18.769' E022°42.482', 229m a.s.l.
93. *Plantago media* L. – podlaskie voivodeship – Sajzy, 30.09
94. ----- podlaskie voivodeship – Stańczyki, 1.10;  
N54°17.706' E022°38.887'
95. *Polygonum multiflorum* (L.) All. – podlaskie voivodeship – Sajzy; 30.09
96. *Prunella vulgaris* L. – podlaskie voivodeship – Romincka Forest hill, 1.10;  
N54°18.769' E022°42.482', 229m a.s.l.
97. *Ranunculus acris* L. – podlaskie voivodeship – Stańczyki, 1.10;

- N54°17.706' E022°38.887'
98. *Rosa canina* L. – podlaskie voivodeship – Stańczyki; N54°17.706' E022°38.887'
99. *Rumex acetosa* L. – mazowieckie voivodeship – Brwinów near cottage, 16.08;  
N 52,14457 E20,70182, 84m a.s.l.
100. – *crispus* L. – mazowieckie voivodeship – Brwinów westland, 16.08;  
N52,14661 E20,70176, 136m a.s.l.
101. – – – – mazowieckie voivodeship – Topolina, 18.08
102. – – – – mazowieckie voivodeship – Kotowice field balk, 16.08;  
N52,1538 E20,68634, 117m a.s.l.
103. *Sambucus nigra* L. – mazowieckie voivodeship – Brwinów westland, 16.08;  
N52,14461 E20,70353, 88m a.s.l.
104. – – – – podlaskie voivodeship – Skajsgiry, 1.10;  
N54°18.287' E022°46.140', 275m a.s.l.
105. *Saponaria officinalis* L. – podlaskie voivodeship – Rakówek, 1.10;  
N54°18.932' E022°45.831'
106. *Scrophularia nodosa* L. – mazowieckie voivodeship – Kotowice westland, 16.08;  
N52,15124 E20,68596, 100m a.s.l.
107. *Silene latifolia* subsp. *alba* (Mill.) Greuter & Burdet – mazowieckie voivodeship –  
Pruszków near Utrata river, westland, 01.08
108. – – – – mazowieckie voivodeship –  
Brwinów westland, 16.08; N52,14658 E20,70182, 109m a.s.l.
109. *Solanum dulcamara* L. – podlaskie voivodeship – Stańczyki, 1.10;  
N54°17.706' E022°38.887'
110. *Solidago virga-aurea* L. – podlaskie voivodeship – Skajsgiry, 1.10;  
N54°18.287' E022°46.140', 275m a.s.l.
111. – – – – mazowieckie voivodeship – Topolina, 18.08
112. *Sorbus aucuparia* Poir. – podlaskie voivodeship – Rakówek, 1.10;  
N54°18.932' E022°45.831'
113. *Symphoricarpus albus* (L.) S.F. Blake – podlaskie voivodeship – Skajsgiry, 1.10;  
N54°18.287' E022°46.140', 275m a.s.l.
114. *Tanacetum vulgare* L. – mazowieckie voivodeship – Kotowice westland, 16.08;  
N52,15142 E20,68652, 101m a.s.l.
115. – – – – mazowieckie voivodeship – Kotowice field balk, 16.08;  
N52,15274 E20,68213, 89m a.s.l.
116. – – – – podlaskie voivodeship – Degucie, 1.10
117. – – – – podlaskie voivodeship – Skajsgiry; 1.10;  
N54°18.287' E022°46.140', 275m a.s.l.
118. *Torilis japonica* (Houtt.) DC. – mazowieckie voivodeship – Kotowice  
westland, 16.08; N52,15312 E20,68682 96m a.s.l.

119. – – – – mazowieckie voivodeship – Kotowice westeland,  
16.08; N52,15497 E20,6893 768m a.s.l.
120. *Tragopogon dubius* Scop. – mazowieckie voivodeship – Topolina, 16.08
121. – *pratensis* L. – podlaskie voivodeship – Stańczyki, 1.10;  
N54°17.706' E022°38.887'
122. *Trifolium arvense* L. – podlaskie voivodeship – Degucie, 1.10
123. *Tripleurospermum inodorum* (L.) Sch. Bip. – mazowieckie voivodeship –  
Kotowice westeland 16.08; N52,1522 E20,68495 68m a.s.l.
124. *Tussilago farfara* L. – małopolskie voivodeship – Zakopane, 20.05
125. *Typha latifolia* L. – podlaskie voivodeship – Stańczyki, 1.10;  
N54°17.706' E022°38.887'
126. *Urtica dioica* L. – podlaskie voivodeship – Stańczyki 1.10;  
N54°17.706' E022°38.887'
127. *Valeriana officinalis* L. – mazowieckie voivodeship – Kotowice westeland, 16.08;  
N52,15131 E20,68658 94m a.s.l.

## B. SEEDS AND SPORES COLLECTED FROM THE GARDEN

Seeds collected from open-pollinated plants

**\*seeds collected in 2019**

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

128. *Achillea millefolium* L. – mazowieckie voivodeship – Warszawa: Żoliborz
129. – *ptarmica* L. – mazowieckie voivodeship – Drewnica near Warszawa
130. *Actaea spicata* L. – warmińsko-mazurskie voivodeship – Romincka Forest
131. *Agrimonia eupatoria* L. – mazowieckie voivodeship – Warszawa: Gośćków
132. *Alisma plantago-aquatica* L. – warmińsko-mazurskie voivodeship – Sajzy near Ełk
133. *Ambrosia psilostachya* DC. – podlaskie voivodeship – Płociczno
134. *Anthemis tinctoria* L. – podlaskie voivodeship – Wiżajny
135. – – – – małopolskie voivodeship – The Pieniny Mts.: Wąwóz Sobczański
136. *Anthericum ramosum* L. – mazowieckie voivodeship – Zielonka near Warszawa
137. *Aquilegia vulgaris* L. – podlaskie voivodeship – Suwałki
138. *Arctium nemorosum* Lej – podkarpackie voivodeship – The Bieszczady Mts.: Krywe
139. *Armeria maritima* subsp. *elongata* (Hoffm.) Bonnier – mazowieckie voivodeship  
– Kampinos National Park
140. \**Artemisia vulgaris* L. – mazowieckie voivodeship – Brninów near Warszawa
141. *Arum maculatum* L. – podkarpackie voivodeship – Pogórze Przemyskie
142. *Aruncus sylvestris* Kostel. – małopolskie voivodeship – The Tatra Mts.
143. *Atropa bella-donna* L. – Slovakia – Tatry Słowackie
144. *Barbarea vulgaris* R. Br. – zachodnio-pomorskie voivodeship – Grędziec
145. *Bidens frondosa* L. – mazowieckie voivodeship – Celestynów near Warszawa



146. \**Calla palustris* L. – podlaskie voivodeship – Wigry National Park
147. *Carex pseudocyperus* L. – warmińsko-mazurskie voivodeship – Sajzy near Ełk
148. *Centaurea jacea* L. – mazowieckie voivodeship – Kampinos National Park
149. – – – – małopolskie voivodeship – The Tatra National Park
150. *Chaerophyllum aromaticum* L. – mazowieckie voivodeship – Jadów near Warszawa
151. *Cichorium intybus* L. – mazowieckie voivodeship – Warszawa: Wawer
152. *Cirsium oleraceum* (L.) Scop. – mazowieckie voivodeship –  
Podzamcze near Maciejowice
153. *Convallaria majalis* L. - mazowieckie voivodeship – Podbiel: Torfowisko Całowanie
154. *Digitalis grandiflora* Mill. – mazowieckie voivodeship – Jabłonna near Warszawa
155. – – – – małopolskie voivodeship – The Tatra National Park
156. *Echinops sphaerocephalus* L. – Hungary: Magyarország, Kisar et,  
Fas near Belmegyer
157. *Epilobium hirsutum* L. – podlaskie voivodeship – Wigry National Park
158. *Eryngium campestre* L. – lubelskie voivoship – Kazimierz Dolny
159. – planum – mazowieckie voivodeship – Brwinów near Warszawa
160. *Erysimum wahlenbergii* (Asch. et Engler) Borbas – małopolskie voivodeship –  
The Tatra National Park
161. *Eupatorium cannabinum* L. – mazowieckie voivodeship –  
Podzamcze near Maciejowice
162. *Filipendula ulmaria* (L.) Maxim. – mazowieckie voivodeship –  
Klembów near Warszawa
163. – vulgaris Moench - mazowieckie voivodeship – Warszawa near Czeniakowskie lake

164. *Geum rivale* L. – podlaskie voivodeship – Białowieża Forest
165. – *urbanum* L. – mazowieckie voivodeship – Warszawa: Konstancin
166. *Helianthemum nummularium* (L.) Mill. subsp. *obscurum* (Celak) Holub –  
mazowieckie voivodeship – Warszawa: Wawrzyszew
167. – subsp. *grandiflorum* (Scop.) Schinz et Thell. –  
małopolskie voivodeship – The Tatra Mts.
168. *Hieracium flagellare* Willd. *flagellare* – małopolskie voivodeship – The Tatra Mts.
169. *umbellatum* L. – mazowieckie voivodeship – Warszawa: Bemowo
170. *Hypericum androsaemum* L. – France – Villon du Bitet – Pyrenees Atlantiques
171. *Iris pseudacorus* L. – mazowieckie voivodeship – Utrata near Warszawa
172. *Isatis tinctoria* L. – kujawsko-pomorskie voivodeship Toruń
173. *Juncus tenuis* Willd. – mazowieckie voivodeship – Warszawa: Bemowo
174. *Lathyrus sylvestris* L. – mazowieckie voivodeship – Warszawa: Wawer
175. *Leontodon hispidus* L. – mazowieckie voivodeship – Podbiel: Torfowisko Całowanie
176. *Leonurus cardiaca* L. – mazowieckie voivodeship – Brwinów near Warszawa
177. *Lunaria rediviva* L. – małopolskie voivodeship – Beskid Niski –  
Bartnia Mt. Near Gorlice
178. – – – – małopolskie voivodeship – The Tatra National Park: Wąwóz Kraków
179. *Lupinus polyphyllus* Lindl. – warmińsko-mazurskie voivodeship – Skajzgirya
180. *Lycopus europaeus* L. – mazowieckie voivodeship – Warszawa: Bemowo
181. *Lysimachia vulgaris* L. – mazowieckie voivodeship – Warszawa: Gocławek
182. *Lythrum salicaria* L. – podlaskie voivodeship – Białowieża Forest

183. *Mentha longifolia* (L.) L. – mazowieckie voivodeship – Warszawa: Bemowo
184. *Papaver rhoeas* L. – mazowieckie voivodeship – Brwinów near Warszawa
185. *Pastinaca sativa* L. – mazowieckie voivodeship – Brwinów near Warszawa
186. *Plantago lanceolata* L. – mazowieckie voivodeship – Kampinos National Park
187. \**major* L. – mazowieckie voivodeship – Brwinów near Warszawa
188. – *media* L. – mazowieckie voivodeship – Warszawa
189. – – – – małopolskie voivodeship – The Tatra National Park: by Kopieniec
190. *Polemonium coeruleum* L. – mazowieckie voivodeship – Kampinos National Park
191. *Polygonatum verticilatum* (L.) All. – małopolskie voivodeship –  
The Tatra National Park: Małej Łąki Valley
192. *Potentilla argentea* L. – mazowieckie voivodeship – Nadażyn near Warszawa
193. – *recta* L. – mazowieckie voivodeship – Klembów near Warszawa
194. \**Primula elatior* (L.) Hill – Slovakia – Slanske Vrchy
195. – *veris* L. – małopolskie voivodeship – The Tatra National Park:  
Droga pod Reglami: Nędzówka
196. – – – – mazowieckie voivodeship – Jabłonna near Warszawa
197. *Ranunculus acris* L. – małopolskie voivodeship – The Tatra National Park
198. – – – – mazowieckie voivodeship – Klembów near Warszawa
199. \*– *lanuginosus* L. – podlaskie voivodeship – Białowieża Forest
200. *Rosa pendulina* L. – małopolskie voivodeship – The Tatra National Park:  
Droga pod Reglami: Krzeptówki
201. *Rumex patientia* L. – mazowieckie voivodeship – Kampinos National Park
202. *Salvia glutinosa* L. – Romania – Slatioare Natural Forest Park
203. – *veticillata* L. – mazowieckie voivodeship – Kampinos National Park: Palmiry
204. *Scrophularia nodosa* L. – mazowieckie voivodeship – Warszawa: Gołławek

205. *Senecio jacobaea* L. – podlaskie voivodeship – Płociczno
206. *Silene vulgaris* (Moench) Garcke – mazowieckie voivodeship –  
Zielonka near Warszawa
207. *Solidago gigantea* Aiton – mazowieckie voivodeship – Łochów near Warszawa
208. – *virgaurea* L. – warmińsko-mazurskie voivodeship – Skajzgiry
209. *Stachys alpina* L. – France – Haute-Savoie
210. – *officinale* (L.) Trevis. – mazowieckie voivodeship – Drewnica near Warszawa
211. – *sylvatica* L. – lubuskie voivodeship – Lublin
212. *Staphylea pinnata* L. – podkarpackie voivodeship – Pogórze Przemyskie
213. *Succisa pratensis* Moench – podlaskie voivodeship – Wigry National Park
214. *Tanacetum vulgare* L. – mazowieckie voivodeship – Kampinos National Park:  
Nowe Budy
215. *Thalictrum aquilegifolium* L. – mazowieckie voivodeship –  
Kampinos National Park: Palmiry
216. – *minus* L. – mazowieckie voivodeship – Warszawa: Młociny
217. *Veronica longifolia* – mazowieckie voivodeship – Kampinos National Park
218. – *spicata* L. – mazowieckie voivodeship – Warszawa: Bemowo
219. *Vincetoxicum hirudinaria* Medik. – mazowieckie voivodeship –  
Kampinos National Park: Rybitwy
220. – – – – Slovakia – Slovensky Kras
221. *Viscaria vulgaris* Rohl. – mazowieckie voivodeship – Klembów near Warszawa

2. SEEDS AND SPORES COLLECTED FROM PLANTS  
OF UNKNOWN ORIGIN

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| 222. <i>Acanthus hungaricus</i><br>(Borbas) Beanitz                       | 243. <i>Anaphalis margaritacea</i><br>(L.) Benth. et Hook. f. |
| 223. * <i>Achillea biserrata</i> Bieb.                                    | 244. <i>Anemone canadensis</i> L.                             |
| 224. – <i>filipendulina</i> Lam.  | 245. – <i>sylvestris</i> L.                                   |
| 225. – <i>millefolium</i> L.  | 246. <i>Angelica archangelica</i> L.                          |
| 226. – <i>obscura</i> Nees  | 247. <i>Anthericum liliago</i> L.                             |
| 227. <i>Achyranthes aspera</i> L.   | 248. <i>Anthriscus cerefolium</i> (L.) Hoffm.                 |
| 228. <i>Aconitum variegatum</i> L.  | 249. <i>Antirrhinum majus</i> L.                              |
| 229. <i>Actaea pachypoda</i> Elliott                                      | 250. <i>Apium graveolens</i> L.                               |
| 230. – <i>rubra</i> (Aiton) Willd.  | 251. <i>Aquilegia longissima</i> A. Gray                      |
| 231. – <i>spicata</i> L.  | 252. – <i>vulgaris</i> L.                                     |
| 232. <i>Agrimonia eupatoria</i> subsp.<br><i>asiatica</i> (Juz.) Skalicky | 253. <i>Arctium lappa</i> L.                                  |
| 233. <i>Agrimonia japonica</i> (Miq.) Koidz.                              | 254. – <i>tomentosum</i> Mill.                                |
| 234. <i>Agrostemma githago</i> L.   | 255. <i>Argemone mexicana</i> L.                              |
| 235. <i>Alcea rosea</i> L. 'Nigra'  | 256. – <i>platyceras</i> Link & Otto                          |
| 236. <i>Allium fistulosum</i> L.  | 257. <i>Arisaema amurense</i> Maxim.                          |
| 237. – <i>moly</i> L.   | 258. <i>Armeria maritima</i> (Mill.) Willd                    |
| 238. – <i>tuberosum</i> Rottler ex Spreng.                                | 259. <i>Arum italicum</i> Mill.                               |
| 239. <i>Althaea officinalis</i> L.  | 260. <i>Aruncus sylvestris</i> Kostel.                        |
| 240. <i>Alyssoides utriculata</i> (L.) Medik                              | 261. <i>Asclepias incarnata</i> L.                            |
| 241. <i>Amaranthus caudatus</i> L.  | 262. – <i>syriaca</i> L.                                      |
| 242. – – – – 'Alba'   | 263. * <i>Aster lowrieanus</i> Porter                         |
|   | 264. <i>Asphodelus albus</i> Mill.                            |

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| 265. <i>Astilboides tabularis</i> (Hemsl.) Engl.      | 287. – <i>rapunculus</i> L.                          |
| 266. <i>Astragalus glycyphyllos</i> L.                | 288. – <i>trachelium</i> L.                          |
| 267. <i>Astrantia major</i> L.                        | 289. <i>Cannabis sativa</i> L.                       |
| 268. <i>Atriplex hortensis</i> L.                     | 290. <i>Carex grayi</i> J. Carey                     |
|   | 291. – <i>muskingumensis</i> Schwein.                |
| 269. <i>Baptisia tinctoria</i> (L.) Vent.             | 292. – <i>pendula</i> Huds.                          |
| 270. <i>Basella alba</i> L.                           | 293. <i>Carum carvi</i> L.                           |
| 271. <i>Belamcanda chinensis</i> (L.) DC.             | 294. <i>Caryopteris divaricata</i> Maxim.            |
| 272. <i>Betonica officinalis</i> L.                   | 295. <i>Centaurea cyanus</i> L.                      |
| 273. <i>Bidens aristosa</i> (Michx.) Britton          | 296. – <i>dealbata</i> Willd.                        |
| 274. – <i>pilosa</i> L.                               | 297. <i>Cephalaria gigantea</i><br>(Ledeb.) Bobrov   |
| 275. – <i>tripartita</i> L.                           | 298. <i>Chaerophyllum aromaticum</i> L.              |
| 276. <i>Browallia americana</i> L.                    | 299. <i>Chamaenerion angustifolium</i><br>(L.) Scop. |
| 277. <i>Bryonia dioica</i> Jacq.                      | 300. * <i>Cheiranthus cheiri</i> L.                  |
| 278. <i>Bunias orientalis</i> L.                      | 301. <i>Chelidonium majus</i> L.                     |
|   | 302. <i>Chelone obliqua</i> L.                       |
| 279. * <i>Cacalia suaveolens</i> L.                   | 303. <i>Chenopodium bonus-henricus</i> L.            |
| 280. <i>Calandrinia ciliata</i><br>(Ruiz & Pav.) DC.  | 304. *– <i>botrys</i> L.                             |
| 281. <i>Calendula officinalis</i> L.                  | 305. *– <i>giganteum</i> D. Don                      |
| 282. <i>Camassia leichtlinii</i><br>(Baker) S. Watson | 306. <i>Cichorium intybus</i> L.                     |
| 283. <i>Campanula alliariifolia</i> Willd.            | 307. <i>Cimicifuga europaea</i> Schipcz.             |
| 284. – <i>glomerata</i> L.                            | 308. <i>Cirsium decussatum</i> Janka                 |
| 285. – <i>latifolia</i> L.                            | 309. – <i>eriphorum</i> (L.) Scop.                   |
| 286. – <i>patula</i> L.                               | 310. – <i>helenioides</i> (L.) Hill                  |

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| 311. – vulgare (Savi) Ten.              | 335. Dictamnus albus L.                                     |
| 312. Clematis recta L.                  | 336. Digitalis ferruginea L.                                |
| 313. – viticella L.                     | 337. – grandiflora Mill.                                    |
| 314. Cleome graveolens Raf.             | 338. – purpurea L.  |
| 315. Cobaea scandens Cav.               | 339. Dipsacus fullonum L.                                   |
| 316. Coix lacryma- jobi L.              | 340. *Dorycnium pentaphyllum Scop.                          |
| 317. Colutea arborescens L.             | 341. Dryas octopetala L.                                    |
| 318. Conium maculatum L.                |   |
| 319. *Consolida ajacis (L.) Schur       | 342. Echinacea purpurea (L.) Moench                         |
| 320. Convallaria majalis L.             | 343. Echinops ritro subsp. ruthenicus<br>(N. Bieb.) Nyman   |
| 321. Coreopsis lanceolata L.            | 344. – ritro L.   |
| 322. – pubescens Elliott                | 345. – sphaerocephalus L.                                   |
| 323. Crambe maritima L.                 | 346. Echium plantagineum L.                                 |
| 324. Crucjata laevipes Opiz.            | 347. – vulgare L.   |
| 325. Cyclantera pedata (L.) Shrader     | 348. Eleutherococcus senticosus<br>(Rupr. et Maxim.) Maxim. |
| 326. Cynara scolymus L.                 | 349. Eryngium planum L.                                     |
|   | 350. Erysimum cheiri (L.) Crantz                            |
| 327. Datura ferox L.                    | 351. Euonymus nanus M. Bieb                                 |
| 328. Daucus carota L.                   | 352. *Eupatorium ageratoides L. f.                          |
| 329. Decaisnea fargesii Franch.         |   |
| 330. Dentaria glandulosa Waldst. & Kit. | 353. Fagopyrum esculentum Moench                            |
| 331. *Desmodium canadense (L.) DC.      | 354. Filipendula ulmaria (L.) Maxim                         |
| 332. Dianthus giganteus D'Urv.          | 355. – vulgaris Moench                                      |
| 333. – plumarius L.                     | 356. Foeniculum vulgare Mill.                               |
| 334. – superbus L.                      |   |

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| 357. <i>Genista tinctoria</i> L.  | 379. <i>Hypochoeris maculata</i> L.                     |
| 358. <i>Geum bulgaricum</i> Panic   | 380. <i>Hyssopus officinalis</i> L.                     |
| 359. – <i>coccineum</i> Sibth. et Sm.   | 381. <i>Impatiens balsamina</i> L.                      |
| 360. – <i>japonicum</i> Thunb.  | 382. <i>Incarvillea olgae</i> Reg.                      |
| 361. – <i>rivale</i> L.   | 383. <i>Inula helenium</i> L.                           |
| 362. – <i>urbanum</i> L.  | 384. <i>Ipomoea cristulata</i> Hallier f.               |
| 363. <i>Globularia cordifolia</i> L.  | 385. *– <i>purpurea</i> (L.) Roth                       |
| 364. * <i>Glycyrrhiza echinata</i> L.   | 386. *– <i>rubriflora</i> O'Donell                      |
| 365. <i>Gossypium herbaceum</i> L.  | 387. <i>Iris pallida</i> Lam.                           |
| 366. <i>Grindelia robusta</i> Nutt.   | 388. – <i>sibirica</i> L.                               |
| 367. <i>Grossheimia macrocephala</i><br>(Muss. Puschk. ex Willd.) Sosn. et Takht. | 389. <i>Isatis tinctoria</i> L.                         |
| 368. <i>Guizotia abyssinica</i> (L. f.) Cass.                                     | 390. <i>Kniphofia uvaria</i> (L.) Hook                  |
| 369. <i>Gypsophila acutifolia</i><br>Steven ex Spreng                             | 391. <i>Lactuca viminea</i><br>(L.) J. Presl & C. Presl |
| 370. * <i>Helianthus maximiliani</i> Schrad.                                      | 392. <i>Laserpitium siler</i> L.                        |
| 371. <i>Heracleum persicum</i> Desf. ex Fisch.                                    | 393. <i>Lavandula angustifolia</i> Mill.                |
| 372. <i>Hibiscus cannabinus</i> L.  | 394. <i>Leibnitzia anandria</i> (L.) Nakai              |
| 373. <i>Hieracium maculatum</i> Sm.   | 395. <i>Leonotis nepetifolia</i> (L.) R. Br.            |
| 374. <i>Hyacinthus azureus</i> Baker  | 396. <i>Leonurus cardiaca</i> L.                        |
| 375. <i>Hypericum ascyron</i> L.  | 397. * <i>Lepidium latifolium</i> L.                    |
| 376. – <i>inodorum</i> Mill.  | 398. <i>Levisticum officinale</i> W. D. J. Koch         |
| 377. – <i>leptocladum</i> Bioss   | 399. <i>Liatris spicata</i> (L.) Willd.                 |
| 378. – <i>perforatum</i> L.   | 400. <i>Ligularia przewalskii</i>                       |



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- (Maxim.) Diels
401. \**Ligularia dentata* (A. Gray) Hara
402. – *stenocephala* (Maxim.)  
Matsum et Koidz.
403. *Ligusticum lucidum* Mill.
404. *Linum perenne* L.
405. \**Lobelia inflata* L.
406. – *siphilitica* L.
407. \**Lonicera periclymenum* L.
408. *Lunaria annua* L.
409. – *rediviva* L.
410. *Lupinus polyphyllus* Lindl.
411. *Lychnis coronaria* Desr.
412. – *flos-jovis* Desr. in Lam.
413. *Lysimachia ciliata* L.
414. – *ephemerum* L.
415. – *punctata* L.
416. – *vulgaris* L.
417. *Lythrum salicaria* L.
418. – *virgatum* L.
419. *Malva moschata* L.
420. *Melica altissima* L.
421. *Melilotus officinalis* (L.) Lam.
422. *Mentha x piperita* L.
423. *Mimulus guttatus* DC.
424. *Mirabilis jalapa* L.
425. – *longiflora* L.
426. *Monarda citriodora* Cerv. ex Lag
427. – *fistulosa* L.
428. *Nicandra physalodes* (L.) Gaertn.
429. *Nigella arvensis* L.
430. – *damascena* L.
431. *Oenothera biennis* L.
432. \*– *fruticosa* L.
433. \**Onopordum acanthium* L.
434. \**Oxyria digyna* (L.) Hill
435. *Paeonia japonica*  
(Makino) Miyabe et Takeda
436. – *officinalis* L.
437. – *tenuifolia* L.
438. *Papaver atlanticum* (Ball) Cosson
439. – *fugax* Poir.
440. – *orientale* L.
441. *Penstemon confertus*  
Douglas ex Lindl.
442. – *hirsutus* (L.) Willd.
443. – *palmeri* A. Gray
444. *Peucedanum officinale* L.

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| 445. <i>Phacelia bolanderi</i> A. Gray                     | 469. <i>Primula auricula</i> L.  |
| 446. *– <i>tanacetifolia</i> Benth.                        | 470. – <i>cortusoides</i> L.   |
| 447. <i>Phaseolus coccineus</i> L.                         | 471. – <i>elatior</i> (L.) Hill  |
| 448. <i>Phleum phleoides</i> (L.) Karsten                  | 472. – <i>veris</i> L.   |
| 449. <i>Phlomis maximowiczii</i> Regel                     | 473. – <i>veris</i> subsp. <i>macrocalyx</i><br>(Bunge) Ludi                                 |
| 450. – <i>tuberosa</i> L.                                  | 474. <i>Prunella vulgaris</i> L.   |
| 451. – <i>viscosa</i> Poir.                                |  |
| 452. * <i>Phlox paniculata</i> L.                          | 475. * <i>Ratibida pinnata</i> (Vent.) Barnhart  |
| 453. <i>Physalis alkekengi</i> L.                          | 476. <i>Ranunculus acris</i> L.  |
| 454. – <i>peruviana</i> L.                                 | 477. – <i>gramineus</i> L.   |
| 455. * <i>Physostegia virginiana</i> (L.) Benth.           | 478. – <i>millefoliatus</i> Vahl   |
| 456. <i>Phytolacca americana</i> L.                        | 479. * <i>Rheum undulatum</i> L.   |
| 457. *– <i>icosandra</i> L.                                | 480. <i>Rhodotypos scandens</i><br>(Thunb.) Makino   |
| 458. <i>Pimpinella anisum</i> L.                           | 481. <i>Rosa canina</i> L.   |
| 459. – <i>major</i> (L.) Huds.                             | 482. * <i>serafinii</i> Viv.   |
| 460. <i>Plantago sempervirens</i> Crantz                   | 483. <i>Rudbeckia fulgida</i> var. <i>sallivantii</i><br>(C. L. Boynton et Beadle) Cronquist |
| 461. <i>Platycodon grandiflorus</i><br>(Jacq.) A. DC.      | 484. – <i>maxima</i> Nutt.   |
| 462. – <i>grandiflorus</i><br>(Jacq.) A. DC. 'Flore Pleno' | 485. *– <i>triloba</i> L.  |
| 463. <i>Plectranthus glaucocalyx</i> Maxim.                | 486. <i>Rumex salicifolius</i> Weinm.  |
| 464. <i>Podophyllum hexandrum</i> Royle                    | 487. – <i>scutatus</i> L.  |
| 465. <i>Polygonum coriarium</i> Grig.                      | 488. <i>Ruta graveolens</i> L.   |
| 466. – <i>tinctorium</i> W.T. Aiton                        |  |
| 467. * <i>Potentilla grandiflora</i> L.                    | 489. <i>Salvia austriaca</i> Jacq.   |
| 468. – <i>recta</i> L.                                     | 490. – <i>glutinosa</i> L.   |

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| 491. – officinalis L.                          | 515. – vulgare L.                             |
| 492. – sclarea L.                              | 516. Teucrium divaricatum<br>Sieber ex Boiss  |
| 493. – verticillata L.                         | 517. – hircanicum L.                          |
| 494. *Sanguisorba canadensis L.                | 518. Thalictrum aquilegiifolium L.            |
| 495. – minor Scop.                             | 519. – diptercarpum Franch.                   |
| 496. Scorzonera hispanica L.                   | 520. – lucidum L.                             |
| 497. Scrophularia chrysantha<br>Jaub. et Spach | 521. – minus L.                               |
| 498. Senecio doria L.                          | 522. Thladiantha dubia Bunge                  |
| 499. Serratula wolffii Andrae                  | 523. Thunbergia alata Bojer ex Sims           |
| 500. Silene saxifraga L.                       | 524. Tragopogon porrifolius L.                |
| 501. Silphium gracile A. Gray                  | 525. – pratensis L.                           |
| 502. – laciniatum L.                           | 526. Trifolium pannonicum Jacq.               |
| 503. – perfoliatum L.                          | 527. Trigonella caerulea (L.) Ser             |
| 504. Sison amomum L.                           | 528. Trillium chloropetalum<br>(Torr.) Howell |
| 505. Sium sisarum L.                           | 529. Trollius europaeus L.                    |
| 506. *Solidago flexicaulis L.                  | 530. Valeriana angustifolia Mill.             |
| 507. *– gigantea Aiton                         | 531. – officinalis L.                         |
| 508. – macrophylla Pursh                       | 532. Veratrum nigrum L.                       |
| 509. – rigida L.                               | 533. Verbascum densiflorum Bertol.            |
| 510. Sorbus sudetica (Tausch) Fritsch          | 534. – nigrum L.                              |
| 511. Talinum paniculatum (Jacq.) Gartner       | 535. – thapsus L.                             |
| 512. Tamus communis L.                         | 536. Verbena hastata L.                       |
| 513. Tanacetum clusii (Rchb.) Sojak            | 537. Vernonia crinita Raf.                    |
| 514. – parthenium (L.) Sch. Bip.               |   |

538. – *gentianoides* Vahl

539. – *longifolia* L.

540. – *sibirica* L.

541. *Vigna mungo* (L.) Hepper

542. *Viscaria vulgaris* Bernh.

543. *Zephyranthes candida* (Lindl.) Herb.

544. *Zinnia peruviana* (L.) L.

C. SEEDS AND SPORES COLLECTED FROM THE  
GLASSHOUSES

- 545. *Abrus precatorius*
- 546. *Aechmea bracteata* (Sw.) Griseb.
- 547. *Aglaonema commutatum* Schott
- 548. *Albizia lophantha* (Willd.) Benth.
- 549. *Alcantharea edmundoi* (Leme) J.R. Grant
- 550. *Anthurium cordatum* (L.) Schott
- 551. *Araecoccus flagellifolius* Harms
- 552. *Ardisia solanacea* (Poir.) Roxb.
- 553. *Aristolochia fimbriata* Cham.
- 554. – *gigantea* Mart.
- 555. – *grandiflora* Sw.
- 556. – *littoralis* Parodi
- 557. *Artabotrys hexapetalus* (L.f.) Bhandari
- 558. *Asparagus densiflorus* (Kunth) Jessop 'Sprengeri'
- 559. *Begonia dregerii* var. *partita* Otto & Dietr.
- 560. – *foliosa* Kunth
- 561. – *maculata* Raddi
- 562. *Bertolonia primuliflora* Dombrain
- 563. *Capsicum nigrum* Willd.
- 564. *Chirita tamiana* B.L. Burt
- 565. *Citrus x aurantium* L.
- 566. *Clerodendrum speciosissimum* Drapiez

567. *Clivia x cyrtanthiflora* (Lindl. ex K.Koch & Fintelm) T.Moore  
568. *Coffea arabica* L.  
569. – *benghalensis* B.Heyne ex Schult.  
570. – *stenophylla* G.Don  
571. *Columnnea sanguinea* (Pers.) Hanst.  
572. *Commiphora abyssinica* (Engl.) Engl.  
573. *Costus megalobracteata* K.Schum.  
574. – *pulverulentus* C.Presl  
575. *Cyrtomium falcatum* (L. f.) C. Presl  
576. *Dietes iridioides* (L.) Sweet ex Klatt  
577. *Drosera binata* Labill.  
578. – *binata* Labill. var. *multifida*  
579. *Epiphyllum anguliger* (Lem.) G. Don  
580. *Erythrochiton brasiliensis* Nees & Mart.  
581. *Eucodonia andrieuxii* (DC.) Wiehler  
582. *Eugenia uniflora* L.  
583. *Eupatorium macrophyllum* L.  
584. *Euryale ferox* Salisb.  
585. *Gasteria excelsa* Baker  
586. – *maculata* Haw.  
587. *Gloxinella lindenii* (Regel) Roalson & Boggan  
588. *Gossypium arboreum* L.  
589. – *herbaceum* L.  
590. *Hedychium horsfieldii* R.Br. ex Wall.  
591. *Kohleria warszewiczii* (Regel) Hanst.

- 592. *Medinilla myriantha* Merr.
- 593. – *speciosa* Blume
- 594. *Microchirita micromusa* (B.L.Burt) A.Weber & D.J.Middleton
- 595. *Mimosa pudica* L.
- 596. *Murraya koenigii* (L.) Spreng.
- 597. – *paniculata* (L.) Jack
- 598. *Musa coccinea* H. C. Andrews
- 599. – *textilis* Née
- 600. – *velutina* H.Wendl. & Drude
- 601. *Nymphaea rubra* Roxb. ex Andrews
- 602. *Palisota schweinfurthii* C.B.Clarke
- 603. *Passiflora edulis* Sims
- 604. – *molissima* (Kunth) L.H.Bailey
- 605. *Pereskia grandifolia* Haw.
- 606. *Phlebodium aureum* (L.) J. Sm.
- 607. *Pittosporum tobira* (Thunb.) W.T.Aiton
- 608. *Platynerium ellisii* Baker
- 609. – *stemaria* (P. Beauv.) Desv.
- 610. – *superbum* de Jonch. Hennipman
- 611. – *veitchii* C. Chr.
- 612. *Pseudosbeckia swynnertonii* A.Fern. & R.Fern
- 613. *Psidium guajava* L.
- 614. *Psychotria cuneata* Elmer
- 615. *Puya chilensis* Molina
- 616. *Rauvolfia serpentina* (L.) Benth. ex Kurz

- 617. *Rhaphiolepis umbellata* (Thunb.) Makino
- 618. *Rivina brasiliensis* Nocca
- 619. – *humilis* L.
- 620. *Ruallia graecizans* Backer
- 621. – *ciliosa* Pursh
- 622. – *squarosa* (Fenzl) Cufod.
- 623. *Sabal minor* (Jacq.) Pers.
- 624. *Schaueria calycotricha* (Link & Otto) Nees
- 625. *Setaria palmifolia* (J.Koenig) Stapf
- 626. *Sinningia sellovii* (Mart.) Wiehler
- 627. *Stenospermation popayanense* Schott
- 628. *Streptocarpus glandulosissimus* Engl.
- 629. – *micelmorei* B.L. Burtt
- 630. – *parviflorus* var. *parviflorus*
- 631. – *variabilis* Humbert
- 632. *Tabernanthe-iboga* Baill.
- 633. *Tacca chantrieri* Andre
- 634. *Tapeinochilos spectabilis* K.Schum.
- 635. *Tetranema roseum* (M.Martens & Galeotti) Standl. & Steyerm.
- 636. *Tillandsia baileyi* Rose ex Small
- 637. – *balbisiana* Schult. & Schult.f.
- 638. – *brachycaulos* Schltldl.
- 639. – *bulbosa* Hook.
- 640. – *fasciculata* Sw.
- 641. – *juncea* (Ruiz & Pav.) Poir.



- 642. – rodrigueziana Mez
- 643. – schiedeana Steud.
- 644. Turraea heterophylla Sm.
- 645. Vriesea splendens (Brongn.) Lem.