

UNIVERZITA PAVLA JOZEFA ŠAFÁRIKA V KOŠICIACH

# INDEX SEMINUM 2024

Lenka Mártonfiová (ed.)



**Botanická záhrada**

Košice 2024  
Vydavateľstvo ŠafárikPress

**Pavol Jozef Šafárik University in Košice  
Botanical Garden**



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# **Index Seminum 2024**

Botanical Garden of Pavol Jozef Šafárik University, Košice, Slovakia

**Editor:** RNDr. Lenka Mártonfiová, PhD.  
*Botanical Garden of Pavol Jozef Šafárik University, Košice, Slovakia*

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## Seeds collected from wild plants in natural localities in Slovakia

Taxon name	Locality	Collection date
1. <i>Agrimonia eupatoria</i> L.	East Slovakia, town of Košice, path above Pluvátko lake, ruderal meadow-shrub vegetation, N 48°42'08.95", E 21°13'41.32"	13.09.2023
2. <i>Achillea millefolium</i> L.	East Slovakia, town of Košice, Alejová Str., pavement margin, next to the secondary school at Ostrovského Str., N 48°42'07.66", E 21°14'55.10"	31.07.2023
3. <i>Achillea millefolium</i> L.	East Slovakia, town of Košice, behind Optima shopping centre, uncultivated grassy area, N 48°41'50.27", E 21°14'20.72"	13.09.2023
4. <i>Alliaria petiolata</i> (M. Bieb.) Cavara et Grande	East Slovakia, Stredné Pohornádie area, Hradová hill, beginning of the path to the observation tower, forest vegetation, N 48°45'49.60", E 21°13'34.98"	27.07.2023
5. <i>Allium senescens</i> L.	East Slovakia, Stredné Pohornádie area, southern slopes of Hradová hill, meadow, N 48°45'28.13", E 21°14'20.00"	03.10.2023
6. <i>Arrhenatherum elatius</i> (L.) P. Beauv ex J. Presl et C. Presl	East Slovakia, town of Košice, Trieda KVP Str. above the Čičky area, ruderal vegetation along the pavement, N 48°43'20.77", E 21°13'10.17"	15.06.2023
7. <i>Briza media</i> L.	East Slovakia, Stredné Pohornádie area, southern slopes of Hradová hill, light forest above Kavečianska Str., N 48°45'18.10", E 21°14'16.21"	27.07.2023
8. <i>Bromus hordeaceus</i> L.	East Slovakia, town of Košice, Trieda KVP Str. above the Čičky area, ruderal vegetation along the pavement, N 48°43'20.41", E 21°13'13.06"	15.06.2023
9. <i>Bromus sterilis</i> L.	East Slovakia, town of Košice, Levická Str., uncultivated area bordering a pavement, N 48°42'15.90", E 21°13'18.06"	15.06.2023
10. <i>Campanula bononiensis</i> L.	East Slovakia, Stredné Pohornádie area, next to Košice Castle, forest vegetation, N 48°45'42.06", E 21°14'14.68"	3.10.2023
11. <i>Campanula glomerata</i> L.	East Slovakia, Stredné Pohornádie area, southern slopes of Hradová hill, meadow, N 48°45'27.75", E 21°14'18,81"	03.10.2023
12. <i>Campanula moravica</i> (Spitzn.) Kovanda	East Slovakia, Stredné Pohornádie area, path to Hrešná hill, about 300 m from the village of Kavečany, meadow-shrub vegetation, N 48°46'27.30", E 21°11'55.50"	15.09.2023
13. <i>Campanula rapunculoides</i> L.	East Slovakia, Stredné Pohornádie area, next to Košice Castle, forest vegetation, N 48°45'42.86", E 21°14'14.68"	03.10.2023
14. <i>Campanula rapunculoides</i> L.	East Slovakia, town of Košice, Havlíčkova Str., chink between the pavement and house, N 48°44'13.33", E 21°14'33.28"	31.07.2023
15. <i>Campanula trachelium</i> L.	East Slovakia, Stredné Pohornádie area, the path from the viewpoint, to southern slopes of Hradová hill, forest vegetation, N 48°45'37.19", E 21°14'22.32"	03.10.2023
16. <i>Carduus acanthoides</i> L.	East Slovakia, Stredné Pohornádie area, meadow above the bus stop ZOO Košice, N 48°46'47.56", E 21°12'00"	15.09.2023

17.	<i>Centaurea jacea</i> L.	East Slovakia, Stredné Pohornádie area, path from the Hrešná chalet to the Košice ZOO, meadow-shrub vegetation, N 48°46'42.87", E 21°11'33.26"	15.09.2023
18.	<i>Centaurea jacea</i> L.	East Slovakia, town of Košice, behind OBI and Optima shopping centres, uncultivated grassy area, N 48°41'51.17", E 21°14'23.39"	13.09.2023
19.	<i>Centaurea stoebe</i> L.	East Slovakia, town of Košice, Alejová Str., close to Ford N car seller, lawn, 48°42'09.31", E 21°14'52.29"	27.07.2023
20.	<i>Circaea lutetiana</i> L.	East Slovakia, Stredné Pohornádie area, Hradová hill, path to the observation tower, forest vegetation, N 48°45'50.02", E 21°13'41.78"	27.07.2023
21.	<i>Cirsium arvense</i> (L.) Scop.	East Slovakia, Stredné Pohornádie area, path to Hrešná hill, about 250 m from the village of Kavečany, meadow-shrub vegetation, N 48°46'33.10", E 21°11'37.95"	15.09.2023
22.	<i>Cirsium vulgare</i> (Savi) Ten.	East Slovakia, town of Košice, Alejová Str., next to the crossroads with Ostrovského Str., pavement margin, N 48°42'09.89", E 21°14'51.18"	31.07.2023
23.	<i>Cirsium vulgare</i> (Savi) Ten.	East Slovakia, town of Košice, behind Optima shopping centre, uncultivated grassy area, N 48°41'49.60", E 21°14'19.72"	13.09.2023
24.	<i>Colymbada scabiosa</i> (L.) Holub	East Slovakia, Stredné Pohornádie area, southern slopes of Hradová hill, meadow, N 48°45'28.08", E 21°14'18.55"	27.07.2023
25.	<i>Colymbada scabiosa</i> (L.) Holub	East Slovakia, Stredné Pohornádie area, southern slopes of Hradová hill, meadow, N 48°45'28.75", E 21°14'21.50"	03.10.2023
26.	<i>Colymbada scabiosa</i> (L.) Holub	East Slovakia, town of Košice, Alejová Str., lawn opposite to BMW car sales, N 48°42'05.97", E 21°14'58.41"	31.07.2023
27.	<i>Convolvulus arvensis</i> L.	East Slovakia, town of Košice, Topoľčianska Str. no. 28, garden, fence, N 48°42'14.02", E 21°13'28.38"	05.08.2023
28.	<i>Cytisus nigricans</i> L.	East Slovakia, Stredné Pohornádie area, path from the village of Kavečany to Hrešná hill, meadow-shrub vegetation, N 48°46'29.80", E 21°11'51.30"	15.09.2023
29.	<i>Dactylis glomerata</i> L.	East Slovakia, town of Košice, Trieda KVP Str. above the Čičky area, ruderal vegetation along the pavement, N 48°43'20.77", E 21°13'10.17"	15.06.2023
30.	<i>Daucus carota</i> L.	East Slovakia, town of Košice, path above Pluvátko lake, ruderal meadow-shrub vegetation, N 48°42'01.10", E 21°13'44.11"	13.09.2023
31.	<i>Dianthus carthusianorum</i> L.	East Slovakia, Stredné Pohornádie area, path to Hrešná hill, about 300 m from the village of Kavečany, meadow-shrub vegetation, N 48°46'27.30", E 21°11'55.50"	15.09.2023
32.	<i>Dianthus carthusianorum</i> L.	East Slovakia, Stredné Pohornádie area, southern slopes of Hradová hill, meadow, N 48°45'28.43", E 21°14'18.31"	27.07.2023
33.	<i>Dipsacus fullonum</i> L.	East Slovakia, town of Košice, path above Pluvátko lake, ruderal meadow-shrub vegetation, N 48°42'08.09", E 21°13'41.58"	13.09.2023
34.	<i>Erigeron canadensis</i> L.	East Slovakia, town of Košice, Alejová Str., pavement margin, next to the secondary school at Ostrovského Str., N 48°42'07.52", E 21°14'55.61"	31.07.2023

35.	<i>Fallopia convolvulus</i> (L.) Á. Löve	East Slovakia, Stredné Pohornádie area, the path from Košice Castle to the viewpoint, forest vegetation, N 48°45'38.31", E 21°14'18.58"	03.10.2023
36.	<i>Fumaria rostellata</i> Knaf	East Slovakia, town of Košice, Topolčianska Str. no. 30, front garden, N 48°42'14.02", E 21°13'28.38"	03.07.2023
37.	<i>Galatella linosyris</i> (L.) Rchb. fil.	East Slovakia, Stredné Pohornádie area, southern slopes of Hradová hill, meadow, N 48°45'26.59", E 21°14'12.41"	03.10.2023
38.	<i>Galium intermedium</i> Schult.	East Slovakia, Stredné Pohornádie area, next to Košice Castle, forest vegetation, N 48°45'41.59", E 21°14'16.54"	03.10.2023
39.	<i>Galium verum</i> L.	East Slovakia, Stredné Pohornádie area, path from the Hrešná chalet to the Košice ZOO, meadow-shrub vegetation, N 48°46'42.87", E 21°11'33.26"	15.09.2023
40.	<i>Galium verum</i> L.	East Slovakia, Stredné Pohornádie area, southern slopes of Hradová hill, light forest above Kavečianska Str., N 48°45'24.25", E 21°14'11.88"	03.10.2023
41.	<i>Galium verum</i> L.	East Slovakia, town of Košice, path above Pluvátko lake, ruderal meadow-shrub vegetation, N 48°42'08.77", E 21°13'41.37"	13.09.2023
42.	<i>Geranium pratense</i> L.	East Slovakia, Stredné Pohornádie area, path to Hrešná hill, about 200 m from the village of Kavečany, meadow-shrub vegetation, N 48°46'30.69", E 21°11'46.49"	15.09.2023
43.	<i>Geum urbanum</i> L.	East Slovakia, Stredné Pohornádie area, Hradová hill, beginning of the path to the observation tower, forest vegetation, N 48°45'50.02", E 21°13'41.78"	27.07.2023
44.	<i>Helichrysum arenarium</i> (L.) Moench	East Slovakia, Stredné Pohornádie area, southern slopes of Hradová hill, meadow, N 48°45'28.37", E 21°14'20.56"	03.10.2023
45.	<i>Heracleum sphondylium</i> L.	East Slovakia, Stredné Pohornádie area, path to Hrešná hill, about 150 m from the village of Kavečany, meadow-shrub vegetation, N 48°46'27.48", E 21°11'55.72"	15.09.2023
46.	<i>Hieracium laevigatum</i> Willd.	East Slovakia, Stredné Pohornádie area, path from the village of Kavečany to Hrešná hill, meadow-shrub vegetation, N 48°46'29.80", E 21°11'51.30"	15.09.2023
47.	<i>Hieracium umbellatum</i> L.	East Slovakia, Stredné Pohornádie area, southern slopes of Hradová hill, meadow, N 48°45'27.75", E 21°14'18.81"	03.10.2023
48.	<i>Hordeum murinum</i> L.	East Slovakia, town of Košice, Havlíčkova Str., lawn next to the pavement, N 48°44'13.33", E 21°14'33.28"	31.07.2023
49.	<i>Hypericum perforatum</i> L.	East Slovakia, Stredné Pohornádie area, path from the Hrešná chalet to the Košice ZOO, meadow-shrub vegetation, N 48°46'42.87", E 21°11'33.26"	15.09.2023
50.	<i>Hypericum perforatum</i> L.	East Slovakia, town of Košice, behind Optima shopping centre, uncultivated grassy area, N 48°41'49.60", E 21°14'19.72"	13.09.2023
51.	<i>Hypericum perforatum</i> L.	East Slovakia, town of Košice, path to Pluvátko lake, ruderal meadow-shrub vegetation, N 48°42'07.26", E 21°13'43.25"	13.09.2023
52.	<i>Chelidonium majus</i> L.	East Slovakia, Stredné Pohornádie area, next to Košice Castle, forest vegetation, N 48°45'43.84", E 21°14'12.11"	03.10.2023

53.	<i>Chondrilla juncea</i> L.	East Slovakia, Stredné Pohornádie area, southern slopes of Hradová hill, light forest above Kavečianska Str., N 48°45'18.63", E 21°14'15.40"	03.10.2023
54.	<i>Impatiens parviflora</i> DC.	East Slovakia, Slovenské Rudohorie Mts., town of Košice, Horný Bankov, next to the miniature golf course, roadside, N 48°44'40.20", E 21°12'39.41"	03.08.2023
55.	<i>Inula ensifolia</i> L.	East Slovakia, Stredné Pohornádie area, southern slopes of Hradová hill, meadow, N 48°45'26.59", E 21°14'12.41"	03.10.2023
56.	<i>Jacobaea vulgaris</i> Gaertn.	East Slovakia, town of Košice, path above Pluvátko lake, ruderal meadow-shrub vegetation, N 48°42'08.09", E 21°13'41.58"	13.09.2023
57.	<i>Lactuca saligna</i> L.	East Slovakia, town of Košice, Levická Str., uncultivated area bordering a pavement, N 48°42'16.09", E 21°13'18.15"	31.07.2023
58.	<i>Lactuca serriola</i> L.	East Slovakia, town of Košice, Levická Str., uncultivated area bordering a pavement, N 48°42'16.09", E 21°13'18.15"	31.07.2023
59.	<i>Lamium amplexicaule</i> L.	East Slovakia, town of Košice, Tvrdošínska Str. ruderal vegetation along bordering the street, N 48°42'14.32", E 21°13'19.97"	21.05.2023
60.	<i>Lapsana communis</i> L.	East Slovakia, Stredné Pohornádie area, Hradová hill, forest under the lookout, N 48°45'33.38", E 21°14'21.13"	27.07.2023
61.	<i>Lepidium campestre</i> (L.) W.T. Aiton	East Slovakia, town of Košice, Tvrdošínska Str. ruderal vegetation next to the pavement, N 48°42'14.15", E 21°13'20.41"	05.07.2023
62.	<i>Lepidium draba</i> L.	East Slovakia, town of Košice, Alejová Str., next to the crossroads with Ostrovského Str., pavement margin, N 48°42'08.79", E 21°14'53.25"	31.07.2023
63.	<i>Linum austriacum</i> L.	East Slovakia, Stredné Pohornádie area, southern slopes of Hradová hill, meadow, N 48°45'18.10", E 21°14'16.21"	27.07.2023
64.	<i>Lotus corniculatus</i> L.	East Slovakia, town of Košice, behind OBI and Optima shopping centres, uncultivated grassy area, N 48°41'51.71", E 21°14'24.04"	13.09.2023
65.	<i>Lunaria rediviva</i> L.	East Slovakia, Slovenské Rudohorie Mts., town of Košice, Horný Bankov, forest pathway, N 48°44'49.80", E 21°12'13.27"	03.08.2023
66.	<i>Luzula luzuloides</i> (Lam.) Dandy et Wilmott	East Slovakia, Slovenské Rudohorie Mts., town of Košice, Horný Bankov forest pathway, N 48°44'45.45", E 21°12'21.50"	03.08.2023
67.	<i>Luzula luzuloides</i> (Lam.) Dandy et Wilmott	East Slovakia, Stredné Pohornádie area, next to Košice Castle, forest vegetation, N 48°45'43.83", E 21°14'12.105"	03.10.2023
68.	<i>Luzula luzuloides</i> (Lam.) Dandy et Wilmott	East Slovakia, Slovenské Rudohorie Mts., Zlatá Idka village, upper end of the village, margin of the road under the forest, N 48°45'15.14", E 21°00'42.18"	01.08.2023
69.	<i>Medicago falcata</i> L.	East Slovakia, town of Košice, Alejová Str., next to the crossroads with Ostrovského Str., pavement margin, N 48°42'08.79", E 21°14'53.25"	31.07.2023
70.	<i>Melilotus officinalis</i> (L.) Lam.	East Slovakia, Stredné Pohornádie area, path to Hrešná hill, about 250 m from the village of Kavečany, meadow-shrub vegetation, N 48°46'33.10", E 21°11'37.95"	15.09.2023

71.	<i>Mycelis muralis</i> (L.) Dumort.	East Slovakia, Slovenské Rudohorie Mts., town of Košice, Horný Bankov, forest pathway, wet area, N 48°44'54.73", E 21°11'40.04"	03.08.2023
72.	<i>Neottia nidus-avis</i> (L.) Rich.	East Slovakia, Slovenské Rudohorie Mts., town of Košice, Horný Bankov forest pathway, N 48°44'50.94", E 21°12'06.80"	03.08.2023
73.	<i>Onopordum acanthium</i> L.	East Slovakia, Stredné Pohornádie area, meadow above the bus stop ZOO Košice, N 48°46'47.564", E 21°12'00"	15.09.2023
74.	<i>Origanum vulgare</i> L.	East Slovakia, Stredné Pohornádie area, path to Hrešná hill, about 300 m from the village of Kavečany, meadow-shrub vegetation, N 48°46'27.3", E 21°11'55.5"	15.09.2023
75.	<i>Papaver rhoeas</i> L.	East Slovakia, town of Košice, Levická Str., uncultivated area bordering a pavement, N 48°42'16.13", E 21°13'18.11"	25.06.2023
76.	<i>Pimpinella saxifraga</i> L.	East Slovakia, town of Košice, path above Pluvátko lake, next to the path, ruderal meadow-shrub vegetation, N 48°42'00.16", E 21°13'45.30"	13.09.2023
77.	<i>Plantago lanceolata</i> L.	East Slovakia, town of Košice, behind OBI and Optima shopping centres, uncultivated grassy area, N 48°41'51.43", E 21°14'23.27"	13.09.2023
78.	<i>Plantago lanceolata</i> L.	East Slovakia, town of Košice, near Decathlon shopping area, lawn, N 48°41'56.72", E 21°15'05.66"	31.07.2023
79.	<i>Plantago major</i> L.	East Slovakia, town of Košice, path above Pluvátko lake, ruderal meadow-shrub vegetation, N 48°42'01.10", E 21°13'44.11"	13.09.2023
80.	<i>Poa pratensis</i> L.	East Slovakia, town of Košice, Trieda KVP Str. next to the Čičky area, ruderal vegetation along the pavement, N 48°43'17.23", E 21°13'26.52"	15.06.2023
81.	<i>Polygonatum odoratum</i> (Mill.) Druce	East Slovakia, Stredné Pohornádie area, southern slopes of Hradová hill, meadow, N 48°45'28.17", E 21°14'17.93"	03.10.2023
82.	<i>Potentilla argentea</i> L.	East Slovakia, town of Košice, Alejová Str., pavement margin, next to the secondary school at Ostrovského Str., N 48°42'08.81", E 21°14'53.29"	27.07.2023
83.	<i>Prenanthes purpurea</i> L.	East Slovakia, Slovenské Rudohorie Mts., town of Košice, Horný Bankov forest pathway, N 48°44'45.54", E 21°12'21.50"	03.08.2023
84.	<i>Prenanthes purpurea</i> L.	East Slovakia, Stredné Pohornádie area, next to Košice Castle, forest vegetation, N 48°45'43.52", E 21°14'09.24"	27.07.2023
85.	<i>Prunus spinosa</i> L.	East Slovakia, town of Košice, path above Pluvátko lake, ruderal meadow-shrub vegetation, N 48°42'06.80", E 21°13'42.14"	13.09.2023
86.	<i>Rhinanthus major</i> L.	East Slovakia, Stredné Pohornádie area, path from the village of Kavečany to Hrešná hill, meadow-shrub vegetation, N 48°46'30.90", E 21°11'44.9"	15.09.2023
87.	<i>Robinia viscosa</i> Vent.	East Slovakia, Stredné Pohornádie area, southern slopes of Hradová hill, meadow, N 48°45'29.47", E 21°14'15.33"	03.10.2023
88.	<i>Salvia glutinosa</i> L.	East Slovakia, Stredné Pohornádie area, southern slopes of Hradová hill, forest in its upper part, N 48°45'33.09", E 21°14'24.01"	03.10.2023



89.	<i>Sanguisorba minor</i> Scop.	East Slovakia, town of Košice, Trieda KVP Str. above the Čičky area, ruderal vegetation along the pavement, N 48°43'19.71", E 21°13'17.11"	15.06.2023
90.	<i>Sanicula europaea</i> L.	East Slovakia, Stredné Pohornádie area, Hradová hill, forest under the lookout, N 48°45'31.64", E 21°14'22.20"	27.07.2023
91.	<i>Scabiosa ochroleuca</i> L.	East Slovakia, Stredné Pohornádie area, southern slopes of Hradová hill, meadow, N 48°45'28.75", E 21°14'21.50"	03.10.2023
92.	<i>Scrophularia nodosa</i> L.	East Slovakia, Slovenské Rudohorie Mts., town of Košice, Horný Bankov, forest pathway, wet area, N 48°44'54.73", E 21°11'40.04"	03.08.2023
93.	<i>Scrophularia nodosa</i> L.	East Slovakia, Stredné Pohornádie area, Hradová hill, path to the observation tower, forest vegetation, N 48°45'45.57", E 21°14'02.79"	27.07.2023
94.	<i>Securigera varia</i> (L.) Lassen	East Slovakia, town of Košice, Alejová Str., pavement margin, next to the secondary school at Ostrovského Str., N 48°42'07.52", E 21°14'55.61"	31.07.2023
95.	<i>Seseli annuum</i> L.	East Slovakia, Stredné Pohornádie area, path from the Hrešná chalet to the Košice ZOO, meadow-shrub vegetation, N 48°46'42.87", E 21°11'33.26"	15.09.2023
96.	<i>Silene latifolia</i> Poir.	East Slovakia, town of Košice, Alejová Str., lawn opposite to BMW car sales, N 48°42'05.97", E 21°14'58.41"	31.07.2023
97.	<i>Silene vulgaris</i> (Moench) Garcke	East Slovakia, Stredné Pohornádie area, the path from Košice Castle to the viewpoint, forest vegetation, N 48°45'40.02", E 21°14'16.19"	27.07.2023
98.	<i>Sonchus oleraceus</i> L.	East Slovakia, town of Košice, Levická Str., uncultivated area bordering a pavement, N 48°42'15.76", E 21°13'18.21"	15.06.2023
99.	<i>Stachys sylvatica</i> L.	East Slovakia, Stredné Pohornádie area, Hradová hill, forest under the lookout, N 48°45'34.31", E 21°14'21.74"	27.07.2023
100.	<i>Teucrium chamaedrys</i> L.	East Slovakia, Stredné Pohornádie area, southern slopes of Hradová hill, light forest above Kavečianska Str., N 48°45'22.48", E 21°14'10.90"	03.10.2023
101.	<i>Teucrium montanum</i> L.	East Slovakia, Stredné Pohornádie area, southern slopes of Hradová hill, light forest above Kavečianska Str., N 48°45'22.48", E 21°14'10.90"	03.10.2023
102.	<i>Thlaspi arvense</i> L.	East Slovakia, town of Košice, Levická Str., corner with Tvrdošínska Str., uncultivated area next to the pavement, N 48°42'13.81", E 21°13'19.92"	14.06.2023
103.	<i>Tilia cordata</i> Mill.	East Slovakia, Stredné Pohornádie area, next to Košice Castle, forest vegetation, N 48°45'43.84", E 21°14'21.11"	03.10.2023
104.	<i>Torilis japonica</i> (Houtt.) DC.	East Slovakia, Stredné Pohornádie area, the path from Košice Castle to the viewpoint, forest vegetation, N 48°45'38.31", E 21°14'18.58"	03.10.2023
105.	<i>Tragopogon orientalis</i> L.	East Slovakia, town of Košice, Alejová Str., next to the crossroads with Ostrovského Str., pavement margin, N 48°42'08.79", E 21°14'53.25"	31.07.2023
106.	<i>Tragopogon orientalis</i> L.	East Slovakia, town of Košice, road between Obi and Mobelix shopping centres, next to the Košice football arena building site, uncultivated area, N 48°41'52.97", E 21°14'35.78"	13.09.2023

<b>107.</b> <i>Tragopogon orientalis</i> L.	East Slovakia, town of Košice, Trieda KVP Str. next to the bridge over the street, ruderal vegetation along the pavement, N 48°43'18.69", E 21°13'19.71"	15.06.2023
<b>108.</b> <i>Trifolium pratense</i> L.	East Slovakia, town of Košice, Trieda KVP Str. next to the bridge over the street, ruderal vegetation along the pavement, N 48°43'18.77", E 21°13'19.73"	15.06.2023
<b>109.</b> <i>Tussilago farfara</i> L.	East Slovakia, Stredné Pohornádie area, next to Košice Castle, forest vegetation, N 48°45'43.86", E 21°14'11.48"	06.05.2023
<b>110.</b> <i>Vicia cracca</i> L.	East Slovakia, Stredné Pohornádie area, path to Hrešná hill, about 150 m from the village of Kavečany, meadow-shrub vegetation, N 48°46'27.48", E 21°11'55.72"	15.09.2023
<b>111.</b> <i>Vicia tenuifolia</i> Roth	East Slovakia, town of Košice, path to Pluvátka lake, ruderal meadow-shrub vegetation, N 48°42'07.53", E 21°13'42.42"	13.09.2023

The seeds were collected and determined by Lenka Mártonfiová and Pavol Mártonfi



**Seeds collected from plants cultivated in the Botanical Garden of P.J. Šafárik University,  
Košice in 2023 - 2024**

**Taxon name**

112. *Annona montana* Macfad.

113. *Anthurium bakeri* Hook. f.

114. *Antidesma venosum* E. Mey ex Tul.

115. *Artocarpus heterophyllus* Lam.

116. *Brunfelsia pauciflora* (Cham. & Schltdl.) Benth.

117. *Burbidgea* sp.

118. *Canna indica* L.

119. *Cestrum nocturnum* L.

120. *Celordendrum thomsoniae* Balf.

121. *Clitoria ternatea* L.

122. *Costus afer* Ker Gawl.

123. *Costus pulverulentus* C. Presl

124. *Dracena aubryana* Brongn. ex E. Morren

125. *Gomphocarpus fruticosus* (L.) W. T. Aiton

126. *Gossypium arboreum* L.

127. *Gossypium barbadense* L.

128. *Hedychium gardnerianum* Sheph. ex. Ker. Gawl.

129. *Kniphofia uvaria* (L.) Oken

130. *Musa velutina* H. Wendl. & Drude

131. *Pavonia hastata* Spreng.

132. *Rauvolfia tetraphylla* L.

133. *Ruspolia seticalyx* (C.B. Clarke) Milne-Redh.

134. *Sabal domingensis* Becc.



**Seeds collected from  
Exposition of Tatra Mountain Nature**

**State Forests of Tatra National Park, Tatranská Lomnica, Slovakia, 850 m a. s. l.**

<b>Taxon name</b>	<b>Collection date</b>
135. <i>Adenophora liliifolia</i> (L.) Ledeb. ex A. DC.	28.09.2023
136. <i>Androsace lactea</i> L.	09.08.2023
137. <i>Anemonastrum narcissiflorum</i> (L.) Holub	24.07.2023
138. <i>Anthyllis vulneraria</i> subsp. <i>alpestris</i> (Kit. ex Schult.) Asch. et Graebn.	05.07.2023
139. <i>Aquilegia vulgaris</i> L.	04.08.2023
140. <i>Arenaria tenella</i> Kit.	04.07.2023
141. <i>Armeria alpina</i> Willd.	21.06.2023
142. <i>Aruncus dioicus</i> (Walter) Fernald	12.10.2023
143. <i>Aster alpinus</i> L.	18.07.2023
144. <i>Aster amellus</i> subsp. <i>bessarabicus</i> (Bernh. ex Rchb.) Soó	28.09.2023
145. <i>Biscutella laevigata</i> L.	04.07.2023
146. <i>Bistorta vivipara</i> (L.) Delarbre	10.07.2023
147. <i>Campanula carpatica</i> Jacq.	22.08.2023
148. <i>Campanula glomerata</i> L.	15.07.2023
149. <i>Campanula persicifolia</i> L.	14.08.2023
150. <i>Campanula tatrae</i> Borbás	03.08.2023
151. <i>Clinopodium alpinum</i> (L.) Kuntze	15.07.2023
152. <i>Comarum palustre</i> L.	22.08.2023
153. <i>Crocus discolor</i> G. Reuss	13.06.2023
154. <i>Delphinium elatum</i> L.	04.08.2023
155. <i>Delphinium oxysepallum</i> Borbás et Pax	05.09.2023
156. <i>Dianthus superbus</i> subsp. <i>alpestris</i> (Kablík. ex Uechtr.) Čelak.	24.07.2023
157. <i>Digitalis grandiflora</i> Mill.	21.08.2023
158. <i>Dryas octopetala</i> L.	23.06.2023
159. <i>Erysimum hungaricum</i> Zapal.	15.08.2023
160. <i>Gentiana asclepiadea</i> L.	10.09.2023

161.	<i>Geum montanum</i> L.	23.06.2023
162.	<i>Gladiolus imbricatus</i> L.	22.09.2023
163.	<i>Gypsophila repens</i> L.	03.08.2023
164.	<i>Helianthemum alpestre</i> (Jacq.) DC.	04.07.2023
165.	<i>Helianthemum nummularium</i> subsp. <i>grandiflorum</i> (Scop.) Schinz et Thell.	02.08.2023
166.	<i>Hieracium alpinum</i> L.	28.06.2023
167.	<i>Hypochaeris uniflora</i> Vill.	15.08.2023
168.	<i>Cherleria langii</i> (G. Reuss) A. J. Moore et Dillenb.	09.08.2023
169.	<i>Iris pseudacorus</i> L.	10.10.2023
170.	<i>Iris sibirica</i> L.	29.09.2023
171.	<i>Jovibarba globifera</i> subsp. <i>glabrescens</i> (Sabr.) Holub	23.09.2023
172.	<i>Juncus triglumis</i> L.	03.08.2023
173.	<i>Leontodon hispidus</i> L.	29.06.2023
174.	<i>Leucanthemum vulgare</i> subsp. <i>alpicola</i> (Gremli) Á. Löve et D. Löve	12.09.2023
175.	<i>Lilium martagon</i> L.	30.08.2023
176.	<i>Lunaria rediviva</i> L.	29.08.2023
177.	<i>Mutellina adonidifolia</i> (J. Gay) Gutermann	19.07.2023
178.	<i>Onobrychis montana</i> DC.	14.08.2023
179.	<i>Parnassia palustris</i> L.	06.09.2023
180.	<i>Phyteuma spicatum</i> L.	21.07.2023
181.	<i>Pilosella aurantiaca</i> (L.) F. W. Schultz et Sch. Bip.	05.07.2023
182.	<i>Polemonium caeruleum</i> L.	20.08.2023
183.	<i>Potentilla crantzii</i> (Crantz) Beck ex Fritsch	04.07.2023
184.	<i>Primula farinosa</i> L.	18.07.2023
185.	<i>Ranunculus breyninus</i> Crantz	04.07.2023
186.	<i>Ranunculus platanifolius</i> L.	03.08.2023
187.	<i>Saxifraga aizoides</i> L.	25.07.2023
188.	<i>Saxifraga paniculata</i> Mill.	13.07.2023
189.	<i>Scabiosa lucida</i> Vill.	28.07.2023
190.	<i>Silene vulgaris</i> (Moench) Garcke	11.07.2023
191.	<i>Solidago virgaurea</i> subsp. <i>minuta</i> (L.) Arcang.	10.08.2023
192.	<i>Tanacetum clusii</i> (Fisch. ex Rchb.) Soják	04.08.2023
193.	<i>Tephrosia integrifolia</i> subsp. <i>capitata</i> (Wahlenb.) B. Nord.	22.06.2023

194. <i>Thymus alpestris</i> Tausch ex A. Kern.	20.07.2023
195. <i>Tofieldia calyculata</i> (L.) Wahlenb.	03.08.2023
196. <i>Trollius altissimus</i> Crantz	28.06.2023
197. <i>Veronica aphylla</i> L.	28.06.2023
198. <i>Veronica fruticans</i> Jacq.	21.07.2023

The seeds were collected by Jana Černická





## Seeds collected from

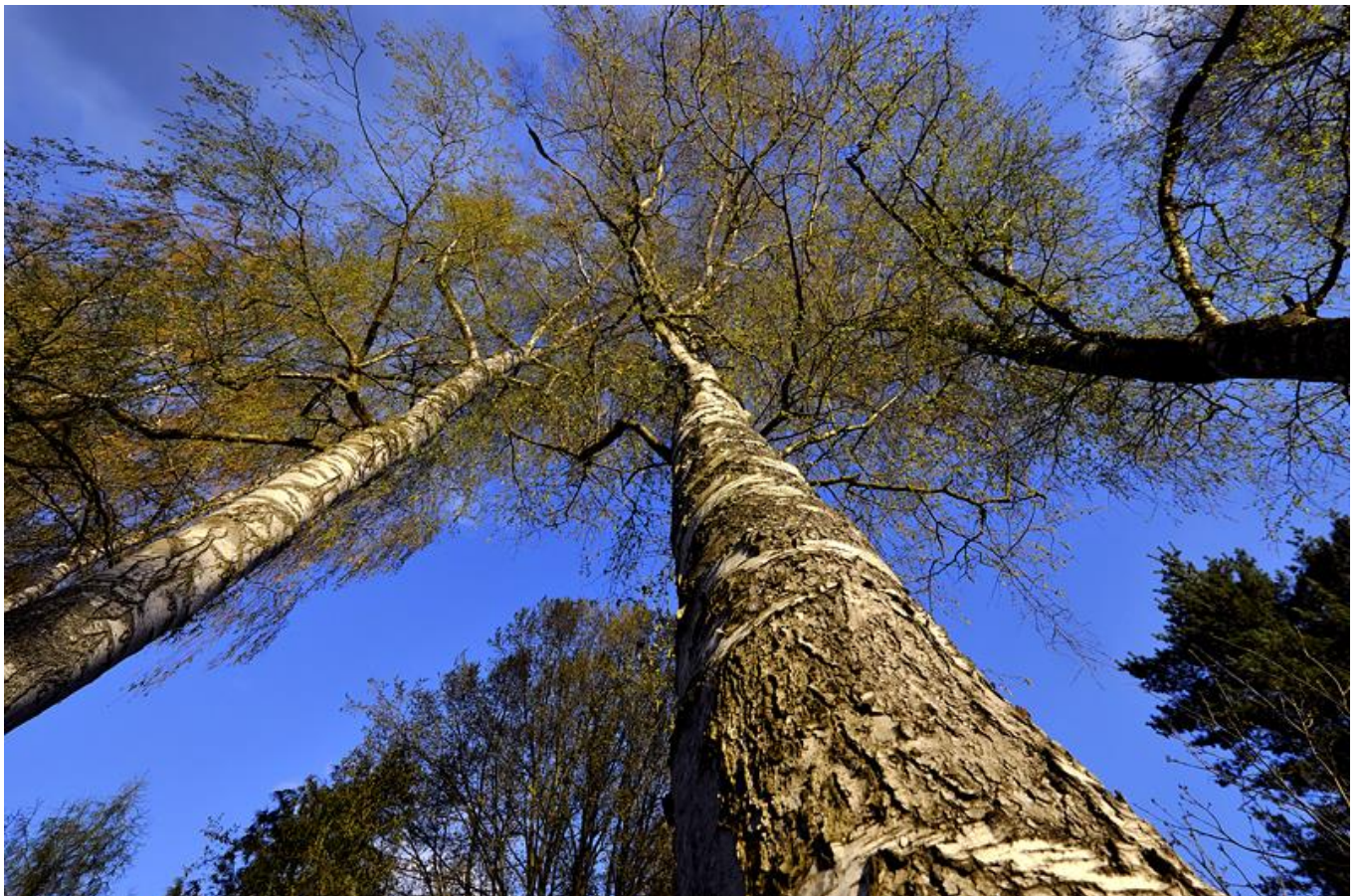
### Hrádocké Arboretum

Secondary Forestry School of J. D. Matejovie

in Liptovský Hrádok, Hradná Str. 534, LiptovskýHrádok, Slovakia

Taxon name	Collection date
199. <i>Abies koreana</i> E. H. Wilson	October 2023
200. <i>Acer japonicum</i> Thunb.	13.10.2023
201. <i>Acer miyabei</i> Maxim.	September 2023
202. <i>Acer monspessulanum</i> L.	28.09.2023
203. <i>Acer schirasawanum</i> Koidz.;	13.10.2023
204. <i>Acer stachyophyllum</i> Hiern	28.09.2023
205. <i>Acer tataricum</i> L.	28.09.2023
206. <i>Acer tataricum</i> subsp. <i>ginnala</i> (Maxim.) Wesm.	28.09.2023
207. <i>Acer ukurunduense</i> Trautv. et C.A. Mey.	September 2023
208. <i>Aesculus parviflora</i> Walt.	25.09.2023
209. <i>Alnus alnobetula</i> subsp. <i>crispa</i> (Aiton) Raus	16.11.2023
210. <i>Alnus rubra</i> Bong.	16.11.2023
211. <i>Aralia elata</i> var. <i>mandshurica</i> (Rupr. et Maxim.) J. Wen	20.09.2023
212. <i>Berberis verna</i> C. K. Schneid.	05.10.2023
213. <i>Betula alleghaniensis</i> Britton	05.10.2023
214. <i>Betula platyphylla</i> Sukaczew	25.09.2023
215. <i>Betula populifolia</i> Marsh.	02.11.2023
216. <i>Calycanthus floridus</i> L.	05.10.2023
217. <i>Caragana arborescens</i> Lam.	August 2023
218. <i>Caragana turkestanica</i> Kom.	August 2023
219. <i>Carpinus caroliniana</i> Walter	23.10.2023
220. <i>Carpinus japonica</i> Blume	05.10.2023
221. <i>Carya ovata</i> (Mill.) K. Koch	23.10.2023
222. <i>Colutea arborescens</i> L.	28.09.2023
223. <i>Colutea persica</i> Boiss.	28.09.2023
224. <i>Cornus amomum</i> Mill.	05.10.2023
225. <i>Cornus officinalis</i> Siebold et Zucc.	03.10.2023
226. <i>Corylus americana</i> Walt.	September 2023

<b>227.</b> <i>Corylus colurna</i> L.	September 2023
<b>228.</b> <i>Eleutherococcus sessiliflorus</i> (Rupr. et Maxim.) S. Y. Hu	03.10.2023
<b>229.</b> <i>Eleutherococcus senticosus</i> (Rupr. et Maxim.) Maxim.	25.09.2023
<b>230.</b> <i>Euonymus alatus</i> (Thunb.) Sieb.	05.10.2023
<b>231.</b> <i>Euonymus latifolius</i> (L.) Mill.	25.09.2023
<b>232.</b> <i>Euonymus verrucosus</i> Scop.	21.09.2023
<b>233.</b> <i>Fraxinus americana</i> L.	16.11.2023
<b>234.</b> <i>Juglans ailantifolia</i> var. <i>cordiformis</i> (Makino) Rehder	13.10.2023
<b>235.</b> <i>Juglans mandshurica</i> Maxim.	05.10.2023
<b>236.</b> <i>Kolkwitzia amabilis</i> Graebn.	05.10.2023
<b>237.</b> <i>Laburnum alpinum</i> (Mill.) Bercht. et J.Presl.	28.09.2023
<b>238.</b> <i>Laburnum anagyroides</i> Medik.	28.09.2023
<b>239.</b> <i>Lespedeza maximowiczii</i> C. K. Schneid	2.11.2023
<b>240.</b> <i>Ligustrum ibota</i> Siebold	13.10.2023
<b>241.</b> <i>Ligustrum ovalifolium</i> Hassk.	16.11.2023
<b>242.</b> <i>Ligustrum sinense</i> Lour.	03.10.2023
<b>243.</b> <i>Liriodendron tulipifera</i> L.	03.11.2023
<b>244.</b> <i>Lonicera ferdinandii</i> Franch.	05.10.2023
<b>245.</b> <i>Phellodendron amurense</i> Rupr.	13.10.2023
<b>246.</b> <i>Phellodendron sachalinense</i> (F. Schmidt) Sarg.	28.9.2023
<b>247.</b> <i>Picea mariana</i> (Mill.) Britton, Ster. et Poggenb	16.11.2023
<b>248.</b> <i>Ptelea trifoliata</i> L.	05.10.2023
<b>249.</b> <i>Pyracantha crenulata</i> (D.Don) M.Roem.	06.10.2023
<b>250.</b> <i>Quercus rubra</i> L.	25.09.2023
<b>251.</b> <i>Rhamnus davurica</i> Pallas	03.10.2023
<b>252.</b> <i>Rhamnus diamantiaca</i> Nakai	28.09.2023
<b>253.</b> <i>Rosa amblyotis</i> C.A.Mey.	25.09.2023
<b>254.</b> <i>Rosa spinosissima</i> L.	25.09.2023
<b>255.</b> <i>Staphylea pinnata</i> L.	25.09.2023
<b>256.</b> <i>Taxus cuspidata</i> Siebold. et Zucc.	28.09.2023
<b>257.</b> <i>Tsuga canadensis</i> (L.) Carrière	02.11.2023
<b>258.</b> <i>Tsuga caroliniana</i> (L.) Carrière	16.11.2023
<b>259.</b> <i>Tsuga diversifolia</i> (Maxim.) Mast.	16.11.2023



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