



**INDEX SEMINUM 2017**



**FRONT COVER:** *Campanula cochleariifolia* Lam. SK-0-PLZEN-4260-98-20 (No. 75)  
Slovakia, Nízke Tatry Mts., Demänovská dolina, near hotel Repiská, calcareous  
rocks  
Photo: Jaroslav Vogeltanz

# **INDEX SEMINUM**

# **2017**

**PLZEŇ  
2017**

**ZOOLOGICAL AND BOTANICAL GARDEN  
OF THE CITY PLZEN  
Pod Vinicemi 9, 301 00 Plzen  
Czech Republic**

Telephone: +420/378038301  
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Area: 21,5 ha

Geographical location: Latitude: 49° 44' N  
Longitude: 13°23' E  
Altitude: 330 m

Annual average temperature: 7,4 °C  
Highest annual temperature: 40 °C  
Lowest annual temperature: - 27 °C  
Annual rainfall: 512 mm

Director: Ing. Jiří Trávníček  
Curator of Botany: Ing. Tomáš Peš

Seed collectors: Mgr. Václava Pešková, Radka Matulová, Petra Vonášková,  
Lenka Richterová, Hana Janouškovcová

## **Please notice:**

Complying with article 15 of the Convention on Biological Diversity (CBD, 1992), the Zoological and Botanical Garden of Plzen provides seeds and any other plant material only for botanical gardens and other scientific institutions using this material according to the CBD.

We are part of the **IPEN network** (International Plant Exchange Network) and can exchange material with other IPEN-members without further bi-lateral agreements. For a list of gardens currently registered with IPEN and for additional information, please refer to the BGCI website.

Non IPEN-members have to return the *Agreement on the supply of living plant material for non-commercial purposes leaving the International Plant Exchange Network*, which must be signed by authorized staff.

The IPEN number given with the seed material consists of four elements:

1. The first two characters are the international iso 3166-1-alpha-2-code of the country of origin ("XX" for unknown origin)
2. The next position is a digit: "1" if there exist special restriction to transfer, "0" if none
3. The next position is the Garden Code from which the IPEN number originates ("PLZEN" for our institution)
4. The rest consists of the accession number within the institution specified in the previous element.

The IPEN number must always stay attached to the accession and its descendants so that the origin of the material can always be traced back.

The seeds are collected from open-pollinated plants cultivated outdoors or in the greenhouses in the Zoological and Botanical Garden. Therefore, no guarantee can be given either on the purity or the viability.

The seeds with "W" are collected in the wild.

## **Nomenclature and author citations:**

The Plant List - A working List of all plant species, <http://www.theplantlist.org/>  
Checklist of vascular plants of the Czech Republic (2012) published in *Preslia* 84 (3): 647–811

## **ADOXACEAE**

1. *Viburnum lantana* L. CZ-0-PLZEN-0969-11-10  
Czech Republic, S Moravia, Pavlovské kopce, Kočičí skála, coll. 8. 8. 2011, T. Peš
2. *Viburnum opulus* L. RU-0-OSN-2009-542  
BG Osnabrück/ Russia, Altai Region, Pervomaisky Rajon, Ob flood plain, river Salomnaja, alt. 130 m
3. *Viburnum opulus* L. var. *americanum* Aiton US-0-PLZEN-1175-09-10  
BG East Lansing/ USA, Michigan, Clinton Co., Place Name: Burke Lake, bog relict
4. *Viburnum wrightii* Miq. RU-0-PLZEN-0067-00-40  
BG Tallinn/ Russia, Kuril Islands, Iturup Island, 1961

## **AIZOACEAE**

5. *Delosperma harazianum* (Deflers) Poppend. et Ihlenf. YE-0-PLZEN-0735-05-20  
P. Pavelka/ Yemen

## **ALISMATACEAE**

6. *Alisma plantago - aquatica* L. CZ-0-PLZEN-2195-15-20  
Czech Republic, W Bohemia, BG Plzen
7. *Sagittaria sagittifolia* L. CZ-0-PLZEN-2016-17-20  
Czech Republic, W Bohemia, Loket, river Ohře near bridge, 50°11'21.6"N 12°45'08.0"E, coll. 17. 6. 2017, T. Peš

## **AMARYLLIDACEAE**

8. *Allium altaicum* Pall. RU-0-PLZEN-1468-01-40  
BG Akureyri/ BG Kirovsk/ Russia, Gorno-Altajsk
9. *Allium angulosum* L. CZ-0-PLZEN-1722-13-10  
Czech Republic, Moravia, N of Olomouc, Plané loučky, coll. 2013, V. Rybka
10. *Allium cernuum* Roth. US-0-PLZEN-0739-01-40  
BG East Lansing/ USA, Michigan, Washtenaw Co., Sanghigh Prairie, alt. 290 m
11. *Allium flavum* L. CZ-0-PLZEN-4118-99-10  
Czech Republic, S Moravia, Mikulov, coll. V. Pešková

12. *Allium flavum* L. ssp. *flavum* CZ-0-PLZEN-2483-14-40  
Regional Museum Olomouc/ Czech Republic,  
S Moravia, Podyjí
13. *Allium marginatum* Janka HU-0-PLZEN-1941-16-10  
BG Vácrátót/ Hungary, Kígyos hill, xeric grassland  
and loess steppe near village Csörög, G. Lunk
14. *Allium senescens* L. ssp. *montanum* (Fries) Holub SK-0-PLZEN-1928-00-10  
BG Bratislava/ Slovakia, Malé Karpaty Mts., Horní  
Vrch
15. *Allium senescens* L. ssp. *montanum* (Fries) Holub CZ-0- PLZEN-0866-12-20  
Czech Republic, C Bohemia, Srbsko, coll. 3. 4. 2012
16. *Allium senescens* L. ssp. *montanum* (Fries) Holub CZ-0- PLZEN-1284-13-10  
Czech Republic, S Moravia, Mohelno, rocky steppe,  
coll. 7. 7. 2013, R. Matulová
- APIACEAE**
17. *Angelica archangelica* L. IS-0-PLZEN-1700-12-10  
SW Iceland, Landmannalaugar, campsite Bláhnúkur,  
coll. 25. 7. 2012, J. Kaňáková
18. *Bupleurum falcatum* L. CZ-0-PLZEN-1453-12-20  
Czech Republic, C Bohemia, Srbsko, coll. 3. 7. 2012
19. *Eryngium bourgatii* Gouan FR-0-MB-1973/469  
BG Berlin-Dahlem/ BG Marburg/ France, Dép.  
Pyrénées Orientales, Saillagouse
20. *Eryngium planum* L. HU-0-PLZEN-2267-15-30  
Planta Naturalis/ Hungary, Tokaj
21. *Eryngium paniculatum* Cav. et Dombey ex F. CL-0-BONN-33093  
Delaroche  
BG Bonn/ Chile, VII. Region, Reserva Nacional Altos  
del Lircay, alt. 400 - 1550 m, coll. M. Belov
22. *Libanotis pyrenaica* Bourg. CZ-0-PLZEN-2291-14-30  
(= *Seseli libanotis* (L.) W. D. J. Koch)  
Planta Naturalis/ Czech Republic, C Bohemia, Lysá  
nad Labem
23. *Ligusticum seguieri* Vill. (= *L. lucidum* Mill.) IT-0-IB-014591  
BG Innsbruck/ Italy, Julian Alps, Sella Nevea,  
Mt. Sart-Bela Pec, alt. 1800 - 2300 m

24. *Peucedanum alsaticum* L. CZ-0-PLZEN-2214-15-30  
 Planta Naturalis/ Czech Republic, N Bohemia,  
 Hošťka, Sovice
25. *Peucedanum austriacum* (Jacq.) W. D. J. Koch AT-0-KL-2011/450  
 BG Klagenfurt/ Austria, Kärnten, Völkermarkt,  
 Schaidasattel, N Perutsch, Grosser Felsen,  
 S exposed slope, limestone, alt. 1090 m,  
 46°28'56.8"N, 14°28'24.5"E
26. *Peucedanum cervaria* (L.) Cusson ex Lapeyr. CZ-0-PLZEN-2152-12-10  
 Czech Republic, C Bohemia, near Beroun
27. *Peucedanum oreoselinum* (L.) Moench CZ-0-PLZEN-2156-15-30  
 Planta Naturalis/ Czech Republic, C Bohemia, Solec  
 near Kněžmost
28. *Sanicula chinensis* Bunge KR-0-TUEB-9073  
 BG Tübingen/ Jade Garden, 2013/ South Korea,  
 Mt. Yonghwa, alt. 670 m, 38°02' 21"N, 127°44'17"E
29. *Seseli montanum* L. ssp. *montanum* FR-0-B-2153982  
 BG Berlin-Dahlem/ France, Pyrenees-Atlantiques,  
 Laruns, dry meadow, calcareous, alt. 600 m, coll. Ern  
 7239
30. *Seseli osseum* Crantz CZ-0-PLZEN-1427-12-20  
 Czech Republic, C Bohemia, near Beroun,  
 coll. R. Matulová
- APOCYNACEAE**
31. *Asclepias nivea* L. CU-0-FRP-22081  
 BG Dresden/ Cuba, Pinar del Rio, Sandino, direction  
 Mantua
32. *Vincetoxicum hirundinaria* Medik. CZ-0-PLZEN-1462-12-20  
 Czech Republic, C Bohemia, near Beroun,  
 coll. 3. 7. 2012, R. Matulová
- AQUIFOLIACEAE**
33. *Ilex laevigata* (Pursh) A. Gray US-0-PLZEN-0141-08-40  
 Arboretum Rogów/ USA, New Jersey, Ocean Co.,  
 N of Warren Grove
- ASPARAGACEAE**
34. *Anthericum ramosum* L. CH-0-PLZEN-4012-98-10  
 BG Osnabrück/ Switzerland, Pottenstein, alt. 420 m



35. *Anthericum ramosum* L. CZ-0-PLZEN-1879-12-10  
Czech Republic, S Moravia, Pavlovské vrchy, Sirotčí  
hrádek, coll. 30. 8. 2012, R. Matulová
36. *Asparagus officinalis* L. CZ-0-PLZEN-0970-11-10  
Czech Republic, S Moravia, Hustopeče, Pouzdřany,  
steppe, coll. 8. 8. 2011, T. Peš
37. *Polygonatum odoratum* (Mill.) Druce **W** CZ-0-PLZEN-2820-17-10  
Czech Republic, W Bohemia, S of Konstantinovy  
Lázně, 1,5 km NE of Šipín, hill Kozinec,  
coll. 28. 9. 2017, R. Matulová
- BERBERIDACEAE**
38. *Berberis angulosa* Wall. NP-0-PLZEN-2603-00-10  
Arboretum Nový Dvůr/ Nepal, Langtang NP,  
shrubberies near road Syabru - Singompa,  
alt. 3250 m, coll. 7. 10. 1994, T. Peš
39. *Berberis diaphana* Maxim CN-0-PLZEN-2604-00-10  
Arboretum Nový Dvůr/ BG Shanghai/ China, Gansu,  
Mt. Maiji, waterside, alt. 1600 m
40. *Berberis koehneana* C. Schneider NP-0-PLZEN-2958-00-10  
Arboretum Nový Dvůr 2677-96-10/ Nepal, Langtang  
NP, shrubberies above Ghora Tabela, alt. 3050 m.  
coll. 4. 10. 1994, T. Peš
41. *Berberis* sp. GE-0-BONN-26239  
BG Bonn/ Georgia, Borjomi, ca 32 km W, near the  
castle, alt. 920 m, coll. Neum. et Schulz, 2006
42. *Berberis vulgaris* L. CZ-0-PLZEN-0914-12-20  
Czech Republic, C Bohemia, Srbsko, coll. 3. 4. 2012
- BETULACEAE**
43. *Betula chichibuensis* H. Hara XX-0-PLZEN-0034-03-70  
Arboretum Rogów
44. *Betula platyphylla* Sukaczew CN-0-PLZEN-2027-00-10  
Ames, Iowa State University/ China, Jilin
45. *Betula pumila* L. CA-0-PLZEN-0747-12-10  
BG Montréal/ Canada, Nouveau-Brunswick, Co.  
Gloucester, Miscou, Tourbière, alt. ca 7 m,  
47°59'2.06"N, 64°31'40.97"W, coll. 19. 8. 2011,  
Bailleul

46. *Betula saposhnikovii* Sukaczev UZ-0-PLZEN-1070-09-10  
Dendrological Garden Průhonice/ Arboretum Nový  
Dvůr/ Uzbekistan, Tashkent
- BORAGINACEAE**
47. *Anchusa officinalis* L. CZ-0-PLZEN-1128-13-10  
Czech Republic, S Moravia, Bzenec, coll. 19. 7. 2013,  
T. Peš
48. *Symphytum officinale* L. **W** CZ-0-PLZEN-2830-17-10  
Czech Republic, W Bohemia, 2 km NE of Dobřany,  
military training area near hill Šlovický vrch,  
coll. 18. 11. 2017, R. Matulová
- BRASSICACEAE**
49. *Aethionema grandiflorum* Boiss. et Hohen. TR-0-PLZEN-0727-15-40  
BG Praha-Troja/ Turkey, 1 km E from Pasinler
50. *Alyssoides utriculata* (L.) Medik. CH-0-BR-19881142  
BG Meise/ Switzerland, Valais
51. *Alyssum murale* Waldst. et Kit. TR-0-B-2477581  
BG Berlin-Dahlem/ Turkey, Prov. Ankara,  
Kizilcahamam, coll. Ern/ Krone 7075
52. *Arabis alpina* L. FR-0-PLZEN-0580-08-10  
BG Paris/ France, Pyrenees, Col de l'Aubisque,  
alt. 1520 m, screes and rocky slopes, calcareous
53. *Arabis caucasica* Willd. PT-0-PLZEN-1387-10-10  
(= *A. alpina* L. ssp. *caucasica* (Willd.) Briq.)  
Portugal, Madeira, Rabacal, Levada das 25 Fontes,  
alt. 1000 m, coll. 19. 9. 2010, T. Peš
54. *Arabis collina* Ten. IT-0-MSTR-1-1218-11  
BG Münster/ BG L'Aquila/ Italy, Abruzzo, Canyon  
dello Scoppaturo, alt. 1650 m
55. *Arabis hirsuta* (L.) Scop. NO-0-PLZEN-0584-11-10  
BG Oslo/ Norway, Akershus, Baerum, Steinskogen,  
coll. 27. 8. 2010
56. *Aurinia saxatilis* (L.) Desv. ssp. *saxatilis* CZ-0-PLZEN-1103-12-20  
(= *A. saxatilis* (L.) Desv. ssp. *arduini* (Fritsch) Dostál)  
Czech Republic, Bohemia, Nezabudice, rocky steppe
57. *Aurinia saxatilis* (L.) Desv. ssp. *saxatilis* CZ-0-PLZEN-0184-13-40  
(= *A. saxatilis* (L.) Desv. ssp. *arduini* (Fritsch) Dostál)  
BGU Praha/ Czech Republic, Bohemia

58. *Barbarea vulgaris* R. Br. CZ-0-PLZEN-0960-14-20  
Czech Republic, N Moravia, Skalická Morávka, gravel  
riverbed of Morávka, N 49°38'01.0'' E 18°27'01.1'',  
alt. 374 m, coll. 18. 4. 2014, T. Peš, T. Peš jr.
59. *Brassica oleracea* L. DE-0-FRT-2002/240  
BG Frankfurt/ Germany, Helgoland Ost, Hafengebiet,  
coll. K. Klippert, 3. 2002
60. *Diplotaxis acris* (Forssk.) Boiss. IL-0-PLZEN-0211-17-10  
BG Jerusalem/ Israel, Neot Smadar
61. *Diplotaxis tenuifolia* (L.) DC. NL-0-AMD-20150431  
BG Amsterdam/ The Netherlands, Noord-Holland,  
Amsterdam, Prins Hendrikkade, coll. 5. 8. 2015,  
van der Hoek
62. *Erysimum crepidifolium* Rchb. CZ-0-PLZEN-0767-12-20  
Czech Republic, C Bohemia, N of Beroun, Trubín,  
2012
63. *Erysimum majellense* Polatschek IT-0-M-2005/1797  
BG München/ Italy, on the way to Campo Imperatore,  
alt. 1600 m
64. *Erysimum pieninicum* (Zapał.) Pawł. XX-0-PLZEN-0589-16-70  
(= *Erysimum hungaricum* Zapał.)  
Arboretum Bolestraszyce
65. *Fibigia clypeata* (L.) Medik. TR-0-M-2010/2484  
BG München/ Turkey, Bolkar Dag
66. *Isatis tinctoria* L. IT-0-PLZEN-0728-15-40  
BG Praha-Troja/ BG Palermo/ Italy, Mount Etna  
(Catania)
67. *Lunaria annua* L. HR-0-PLZEN-2191-15-10  
Croatia, rest place direction Dubrovnik, dry grassland,  
alt. 300 m, coll. 28. 8. 2015, T. Peš jr.
68. *Lunaria rediviva* L. CZ-0-PLZEN-1470-11-10  
Czech Republic, Moravia, Štramberk, near Šipka  
cave, coll. 19. 11. 2011, Š. Sýkorová
69. *Lunaria rediviva* L. AT-0-PLZEN-1694-14-10  
Austria, Lower Austria, Gaming, Trefflingfall,  
deciduous forest, coll. 19. 7. 2014, V. Pešková

70. *Sisymbrium strictissimum* L. CZ-0-PLZEN-0978-11-10  
Czech Republic, S Moravia, Pavlovské kopce, Děvín,  
coll. 8. 8. 2011, T. Peš
- CACTACEAE**
71. *Rhipsalis baccifera* (J. S. Muell.) Stearn MG-0-PLZEN-1081-93-20  
Madagascar, 150 km E of Antananarivo, forest,  
coll. J. Trávníček
- CANNACEAE**
72. *Canna indica* L. GY-O-U-1989GR00092  
BG Tübingen/ BG Utrecht, 2009/ Guyana, old Farm  
near Konashen, coll. Jansen-Jacobs M. J. 1781
- CAMPANULACEAE**
73. *Campanula alliariifolia* Willd. TR-0-B-2506380  
BG Berlin-Dahlem/ Turkey, Prov. Artvin, Coruh, Hopa,  
alt. 500 m, coll. Ern 6463
74. *Campanula barbata* L. AT-0-PLZEN-0020-13-10  
BG Salzburg/ Austria, Kärnten, Millstätter Alpe,  
Schwaigerhütte, poor pasture, gneiss, alt. 1680 m
75. *Campanula cochleariifolia* Lam. SK-0-PLZEN-4260-98-20  
Slovakia, Nízke Tatry Mts., Demänovská dolina, near  
hotel Repiská, calcareous rocks, alt. 930 m,  
coll. M. Král
76. *Campanula cochleariifolia* Lam. FR-0-B-2589802  
BG Berlin-Dahlem/ France, Dep. Haute Alpes,  
Galibier-Grandes Rousses, N La Grave, alt. 2400 m,  
coll. Dürbye et al., 1973
77. *Campanula latifolia* L. CZ-0-PLZEN-2259-15-30  
Planta Naturalis/ Czech Republic, W Bohemia,  
Tachov
78. *Campanula medium* L. FR-0-B-2724087  
BG Berlin-Dahlem/ France, Dep. Alpes-Maritimes,  
Tourettesur-Loup, calcareous, alt. 900 m,  
coll. Royl/Ketelhut
79. *Campanula trachelium* L. CZ-0-PLZEN-0999-14-10  
Czech Republic, S Moravia, Pekárka, conglomerate,  
coll. 21. 4. 2014, T. Peš
80. *Campanula trachelium* L. CZ-0-PLZEN-2151-12-10  
Czech Republic, C Bohemia, Srbsko, coll. 9. 2012,  
R. Matulová

81. *Edraianthus caricinus* Schott, Nyman et Kotschy  
(= *E. tenuifolius* (A.DC.) A.DC.)  
J. Plocar/ Montenegro ME-0-PLZEN-1935-14-30
82. *Wahlenbergia multicaulis* Benth.  
Wildseed Tasmania AU-0-PLZEN-0444-11-50
- CAPRIFOLIACEAE**
83. *Cephalaria uralensis* (Murray) Roem. et Schult.  
BG Cluj-Napoca/ Romania, Distr. Cluj, Suatu RO-0-PLZEN-0888-08-10
84. *Lonicera microphylla* Willd. ex Schult.  
BG Tharandt/ BG Moscow/ Russia, E Siberia, 1993 RU-0-PLZEN-0931-04-40
85. *Scabiosa canescens* Waldst. et Kit.  
Czech Republic, C Bohemia, Srbsko,  
coll. 27. 6. 2012, R. Matulová CZ-0-PLZEN-1433-12-20
86. *Scabiosa columbaria* L.  
BG Neuchatel/ Switzerland, La Sagne, Rochers Bruns CH-0-NEU-201500040
87. *Scabiosa ochroleuca* L.  
Czech Republic, W Bohemia, Plzeň, Litice, near the  
ruins of the castle, coll. 12. 6. 2012, R. Matulová CZ-0-PLZEN-1984-12-20
88. *Scabiosa sosnowskyi* Sulak.  
BG Batumi/ Georgia GE-0-PLZEN-1308-14-50
89. *Succisa pratensis* Moench  
Czech Republic, W Bohemia, Hnačov, around pond,  
alt. 550 m, coll. 1997, V. Pešková CZ-0-PLZEN-4134-97-20
90. *Virga strigosa* Holub  
(= *Dipsacus strigosus* Willd. ex Roem. et Schult.)  
Planta Naturalis/ E Slovakia, Zádielská dolina SK-0-PLZEN-2277-15-30
- CARYOPHYLLACEAE**
91. *Dianthus anatolicus* Boiss.  
BG Göttingen/ BG Champex/ Turkey, Reg. Izmir TR-0-PLZEN-0901-08-40
92. *Dianthus armeria* L.  
Czech Republic, W Bohemia, Hradec u Stoda, forest-  
steppe vegetation between the road and track,  
coll. 5. 6. 2010, T. Peš CZ-0-PLZEN-0817-11-20
93. *Dianthus calocephalus* Boiss.  
(= *D. cruentus* Griseb.)  
BG Bonn/ Georgia, Svaneti, Oshguli-Zugdidi,  
overhanging rock, alt. 1340 m, 43°02.404 N,  
42°23.100 O, coll. 9. 8. 2009, A. Gröger GE-0-BONN-32068

94. *Dianthus carthusianorum* L.  
Czech Republic, C Bohemia, Srbsko CZ-0-PLZEN-1511-12-10
95. *Dianthus* cf. *carthusianorum* L.  
Montenegro, NP Durmitor, alt. 1900 m,  
coll. 10.-12. 8. 2014, J.Trávníček ME-0-PLZEN-1511-12-10
96. *Dianthus carthusianorum* ssp. *capillifrons* (Borbás)  
Soó AT-0-WU-0022285  
BG Wien/ Austria, Burgenland, Bernstein, Redlschlag,  
serpentine, alt. 754 m, coll. 30. 9. 2015
97. *Dianthus furcatus* Balb.  
J.Plocar/ Spain, Pyrenées ES-0-PLZEN-1417-16-30
98. *Dianthus godronianus* Jord. (= *D. longicaulis* Ten.)  
BG Paris/ France, Haute Corse, St Pietro di Venaco,  
alt. 708 m, mediterranean low scrub, acid FR-0-P-2014g025
99. *Dianthus orientalis* Adams  
BG Bonn/ Georgia, Kartli, Djvari above Mzcheta,  
coll. A. Gröger, C. Lobin, Z. Schewardnandse,  
12. 8. 2009 GE-0-BONN-31516
100. *Dianthus pygmaeus* Hayata  
Taiwan, Taroko NP, Hehuanshan North Peak,  
alt. 3070 m, coll. 29. 10. 2009, T. Peš CN-0-PLZEN-1630-09-10
101. *Dianthus superbus* ssp. *alpestris* Kablík. ex Čelak.  
BG Graz/ Austria, Steiermark, Koralpe, path to  
Bärentalal, N46.826° E15.014°, alt. 1525 m; high  
montane forest edges, coll. 10. 9. 2015 AT-0-GZU-15 288
102. *Gypsophila silenoides* Rupr.  
BG Bonn/ Georgia, Region Khevi, above Kazbegi,  
river bed of Tschcheris Z'Kali, 2000 GE-0-BONN-18484
103. *Petrorhagia saxifraga* (L.) Link  
BG Berlin-Dahlem/ Turkey, Prov. Rize, Firtina Deresi,  
alt. 50 m, coll. Ern 6486 TR-0-B-2508680
104. *Petrorhagia saxifraga* ssp. *gasparrinii* (Guss.) Greuter  
et Burdet FR-0-G-19937306  
BG Geneva/ France, Corse, coll. 26. 10. 1993,  
J. Daniel
105. *Saponaria caespitosa* DC.  
J.Plocar/ Spain, Pyrenées, alt. 1700 m ES-0-PLZEN-1427-16-30

106. *Saponaria officinalis* L. CZ-0-PLZEN-1909-12-10  
Czech Republic, S Moravia, Bzenec, sand,  
coll. 29. 8. 2012, R. Matulová
107. *Saponaria officinalis* L. CZ-0-PLZEN-2932-14-10  
Czech Republic, C Bohemia, Roztoky, rocks above  
river, coll. 14. 8. 2014, R. Matulová
108. *Saponaria pamphylica* Boiss. et Heldr. TR-0-TUEB-3263  
BG Tübingen/ BG Göteborg/ Turkey, Mugla, Cal Dag,  
alt. 1400 m
109. *Silene argaea* Fisch. et C. A. Mey. TR-0-B-2371202  
BG Berlin-Dahlem/ BG Praha/ Turkey, Erciyas Dağı
110. *Silene borysthenica* (Gruner) Walters HU-0-PLZEN-2735-16-10  
Hungary, Kiskunság, Izsák, Bikatorok, sand dunes,  
46°46'31.5"N 19°19'07.8"E, coll. 13. 8. 2016, T. Peš
111. *Silene fabarioides* Hausskn. GR-0-B-2700189  
BG Berlin-Dahlem/ Greece, Macedonia, Nomos  
Florinis, Psarades, limestone, alt. 900 m,  
coll. Raus/Schiers 13504
112. *Silene gigantea* L. GR-0-B-2013908  
BG Magdeburg/ BG Berlin-Dahlem/ Greece, Epirus,  
Nomos Thesprotias, Pente Ekklesies, Roidolakkos,  
alt. 237 m, coll. Raus et al. 30458
113. *Silene italica* (L.) Pers. ssp. *italica* IT-0-MSTR-1-1237-11  
BG Münster/ BG L'Aquila/ Italy, Abruzzo, Gole di  
Celano
114. *Silene italica* (L.) Pers. ssp. *sicula* (Ucria) Jeanm. IT-0-B-2820797  
BG Berlin-Dahlem/ BG Palermo/ Italy, Sicily, Catania,  
Etna
115. *Silene multifida* Edgew. (= *S. viscosa* (L.) Pers.) GE-0-M-2000/3916  
BG München/ Georgia, Racha, road between Schovi  
and Grushevi, alt. 1900 m
116. *Silene multiflora* (Ehrh.) Pers. HU-0-PLZE-1965-16-10  
BG Vácrátót/ Hungary, Kiskunság, part of the Great  
Hungarian Plain between rivers Duna (Danube) and  
Tisza, sand dunes and alkaline sand-steppes near  
Tatárszentgyörgy and Orgovány, coll. G. Kósa

117. *Silene nemoralis* Waldst. et Kit.  
(=*S. italica* ssp. *nemoralis* (Waldst. et Kit.) Nyman)  
Czech Republic, C Bohemia, near Beroun,  
coll. 26. 7. 2012, R. Matulová CZ-0-PLZEN-1673-12-10
118. *Silene nutans* L.  
Czech Republic, C Bohemia, Nezabudice,  
coll. 23. 4. 2012, R. Matulová CZ-0-PLZEN-1094-12-20
119. *Silene paradoxa* L.  
BGM Paris/ France, Haute Corse, Corte, rte de Sta  
Lucia di Mercurio, alt. 430 m, mediterranean low  
scrub, acid FR-0-P-2012g153
120. *Silene regia* Sims  
BG Hamburg / Prairie Moon Nursery/ USA,  
Minnesota, Winona US-0-HBG-2004-F-101
121. *Silene sendtneri* Boiss.  
BG Innsbruck/ Montenegro, Mt. Kom Kucki ME-0-IB-013639
122. *Silene uniflora* ssp. *glareosa* (Jord.) Chater et Walters  
(= *S. vulgaris* ssp. *glareosa* (Jord.) Marsden-Jones et  
Turrill)  
Alpengarten Wien/ Austria, Kärnten, Nassfeld,  
alt. 1500 - 1700 m AT-0-PLZEN-0348-12-10
123. *Silene viscaria* (L.) Jess. (= *Lychnis viscaria* L.)  
Czech Republic, C Bohemia, N of Beroun, Roztoky,  
coll. 2012, R. Matulová CZ-0-PLZEN-2228-12-20
124. *Silene vulgaris* (Moench) Garcke  
Czech Republic, W Bohemia, 0,5 km N of Merklín,  
sandy hill, coll. R. Matulová CZ-0-PLZEN-0365-13-10
125. *Silene vulgaris* (Moench) Garcke ssp. *vulgaris*  
BG Graz/ Austria, Styrian Prealps, Graz Highlands,  
St. Margareten an der Raab, surroundings of  
Erbersdorf N47.02° E15.78°, alt. 330 m,  
coll. 7. 9. 2015 AT-0-GZU-15 291
- CISTACEAE**
126. *Helianthemum nummularium* (L.) Mill.  
ssp. *nummularium*  
Czech Republic, C Bohemia, near Beroun, steep  
rock, coll. 3. 4. 2012, R. Matulová CZ-0-PLZEN-0848-12-20



127. *Helianthemum nummularium* (L.) Mill. ssp. *obscurum* (Pers. ex Čelak.) Holub  
Paradisialna Alpine Garden/ Italy, Arpuilles, A. Met Frassy, alt. 1850 m IT-0-PLZEN-3553-00-10
128. *Helianthemum nummularium* (L.) Mill. ssp. *tomentosum* (Scop.) Schinz et Thell.  
BG Berlin-Dahlem/ Turkey, Prov. Artvin, Kaçkar Mts., coll. Tolimir 1664 TR-0-B-1975900
- COMMELINACEAE
129. *Tradescantia ohiensis* Raf.  
BG East Lansing/ USA, Michigan, Washtenaw Co., Garvey Road, 42°18'N, 84°03'W, alt. 290 m, mesic prairie US-0-PLZEN-0161-12-10
- COMPOSITAE
130. *Achillea alpina* ssp. *pulchra* (Koidz.) Kitam.  
BG Tsukuba/ Hokkaido Division/ Japan, Hokkaido, Nayoro, Ohashi, 44°22'N, 142°28'E, alt. 98 m JP-0-PLZEN-0019-16-10
131. *Achillea coarctata* Poir.  
J.Plocar/ Bulgaria, Konavská Planina, alt. 1400 m BG-0-PLZEN-2707-16-30
132. *Achillea collina* (Becker ex Rchb.f.) Heimerl  
Planta Naturalis/ Czech Republic, Český kras CZ-0-PLZEN-2208-15-30
133. *Achillea millefolium* L. **W**  
Czech Republic, W Bohemia, 2 km NE of Dobřany, military training area near hill Šlovický vrch, coll. 18. 11. 2017, R. Matulová CZ-0-PLZEN-2829-17-10
134. *Achillea pannonica* Scheele  
(= *A. seidlif* J.Presl et C.Presl)  
Planta Naturalis/ Czech Republic, Hradčany u Žehuně CZ-0-PLZEN-2218-15-30
135. *Achillea ptarmica* L.  
Czech Republic, Krkonoše Mts., meadow edge S of Sluneční stráž, 50°37'52.9'', E 15°49'26.0'', alt. 645 m, coll. 2. 7. 2014, T. Peš CZ-0-PLZEN-1505-14-20
136. *Achillea ptarmica* L.  
Czech Republic, Český les, Hvoždanská louka, coll. 25. 8. 2012, T. Peš, J. Pešová CZ-0-PLZEN-1814-12-20
137. *Achillea pyrenaica* Sibth. ex Godr.  
BG Paris/ France, Pyrenees-Orientales, Mt Louis, les Bouillouses, alt. 1700 m, dry meadow, acid FR-0-P-2011g150

138. *Anaphalis margaritaceae* ssp. *yedoensis* (Franch. et Sav.) Kitam. JP-0-PLZEN-0020-16-10  
BG Tsukuba/ Hokkaido Division/ Japan, Hokkaido, Nayoro, Ohashi, 44°22'N, 142°28'E, alt. 98 m
139. *Antennaria chilensis* J. Rémy AR-0-JENA-7385061  
BG Jena/ Argentina, Mirador Fitz Roy, alt. 800 m, coll. 26. 12. 2005, Viola Loos, Volker Mölle
140. *Anthemis tinctoria* L. HU-0-PLZEN-1943-16-10  
BG Vácrátót/ Hungary, Kígyos hill, xeric grassland and loess steppe near village Csörög, G. Lunk
141. *Anthemis tinctoria* L. **W** CZ-0-PLZEN-2822-17-10  
Czech Republic, W Bohemia, S of Konstantinovy Lázně, 1,5 km NE of Šipín, hill Kozinec, coll. 28. 9. 2017, R. Matulová
142. *Anthemis tinctoria* ssp. *parnassica* (Boiss. & Heldr.) Nyman GR-0-ATHD-2015/1665  
(= *Cota tinctoria* ssp. *parnassica* (Boiss. et Heldr.) Oberpr. et Greuter)  
BG Athens/ Greece, NE of Arachova-Parnassos, Mt. Viotia
143. *Anthemis tinctoria* subsp. *subtinctoria* (Dobrocz.) Smejkal CZ-0-PLZEN-1519-11-20  
Czech Republic, BG Štramberk, coll. 19. 11. 2011, Š. Sýkorová
144. *Anthemis triumfetti* (L.) All. TR-0-B-2479481  
BG Berlin-Dahlem/ Turkey, Prov. Ankara, Kizilcahamam, coll. Ern/ Krone 7094
145. *Arnica chamissonis* Less. US-0-REYK-2011/001  
BG Reykjavik/ USA, Alaska, Kodiak Island
146. *Arnica sachalinensis* (Regel) A. Gray RU-0-KL-2012/1137  
BG Klagenfurt/ Russia, Sakhalin, Kursakov District
147. *Artemisia campestris* L. HU-0-PLZEN-1944-16-10  
BG Vácrátót/ Hungary, Kiskunság, part of the Great Hungarian Plain between rivers Duna (Danube) and Tisza, sand dunes and alkaline sand-steppes near Tatárszentgyörgy and Orgovány, coll. G. Kósa
148. *Aster amellus* L. CZ-0-PLZEN-2577-14-10  
Czech Republic, Pavlovské vrchy, Stolová hora, coll. 29.10.2014, T. Peš

149. *Aster amellus* L. CZ-0-PLZEN-1564-15-10  
Czech Republic, C Bohemia, NE of Srbsko, Chlum,  
coll. 5. 4. 2015, R.Matulová
150. *Aster amellus* ssp. *bessarabicus* (Bernh. ex Rchb.) Soó CZ-0-PLZEN-2937-14-20  
Czech Republic, S Moravia, Dunajovické kopce,  
alt. 262 m, coll. 17. 4. 2014, T. Peš
151. *Aster amellus* L. ssp. *ibericus* (Stev.) V. E. Avet. TR-0-B-2513680  
BG Berlin-Dahlem/ Turkey, Prov. Artvin, Demirkent,  
alt. 2200 m, coll. Ern 6536
152. *Aster glehnii* F. Schmidt RU-0-PLZEN-1042-15-10  
Sakhalin BG/ Russia, Sakhalin Island, near Yuzhno-  
Sakhalinsk, coll. 23. 9. 2014, O. Kozlenko
153. *Aster tripolium* L. (= *Tripolium pannonicum* ssp. *tripolium* (L.) Greuter) HU-0-PLZEN-1945-16-10  
BG Vácrátót/ Hungary, Kiskunság, part of the Great  
Hungarian Plain between rivers Duna (Danube) and  
Tisza, sand dunes and alkaline sand-steppes near  
Tatárszentgyörgy and Orgovány, coll. G. Kósa
154. *Aster tripolium* L. NL-0-AMD-20150257  
(= *Tripolium pannonicum* ssp. *tripolium* (L.) Greuter)  
BG Amsterdam/ Netherlands, Noord-Holland, Den-  
Oever, triangle between Waddenhaven and village,  
52,938707 | 5,029593, coll. 29. 9. 2015, van der Hoek
155. *Carduus nutans* L. HU-0-PLZEN-1950-16-10  
BG Vácrátót/ Hungary, Kiskunság, part of the Great  
Hungarian Plain between rivers Duna (Danube) and  
Tisza, sand dunes and alkaline sand-steppes near  
Tatárszentgyörgy and Orgovány, coll. G. Kósa
156. *Centaurea ambigua* ssp. *nigra* (Fiori) Pignatti IT-0-MSTR-1-04-589  
BG Münster/ BG L'Aquila/ Italy, Gran Sasso, along  
the trail to Mont, alt. 2300 m
157. *Centaurea ambigua* ssp. *nigra* (Fiori) Pignatti IT-0-PLZEN-0912-15-10  
BG Sant'Eufemia a Maiella/ Italy, NP Maiella,  
Caramanico Terme (PE), Valle dell'Orfento,  
alt. 1100 m
158. *Centaurea aplolepa* ssp. *carueliana* (Micheletti) Dostál IT-0-BONN-31382  
BG Graz/ BG Bonn/ Italy, Alpi Apuane, Pian della  
Fioba, Amadei, Pistolesi, alt. 1000 m

159. *Centaurea jacea* L. **W** CZ-0-PLZEN-2833-17-10  
Czech Republic, W Bohemia, 2 km NE of Dobřany,  
military training area near hill Šlovický vrch,  
coll. 18. 11. 2017, R. Matulová
160. *Centaurea nigra* ssp. *rivularis* (Brot.) Cout. ES-0-B-0012175  
BG Berlin-Dahlem/ Spain, Prov. León, Cordillera  
Cantábrica, alt. 1800 m, coll. Ern 234
161. *Centaurea scabiosa* ssp. *sadleriana* (Janka) Asch. et HU-0-PLZEN-1952-16-10  
Graebn.  
BG Vácrátót/ Hungary, Kígyos hill, xeric grassland  
and loess steppe near village Csörög, coll. G. Lunk
162. *Centaurea stoebe* Tausch **W** CZ-0-PLZEN-2834-17-10  
Czech Republic, W Bohemia, 2 km NE of Dobřany,  
military training area near hill Šlovický vrch,  
coll. 18. 11. 2017, R. Matulová
163. *Centaurea stoebe* Tausch **W** CZ-0-PLZEN-2847-17-10  
Czech Republic, S Bohemia, 2 km SE of Nerestce,  
coll. R. Matulová
164. *Cirsium acaule* (L.) A. A. Weber ex Wigg. CH-0-Z-200110533  
BG Zürich/ Switzerland, Graubünden, Pigniu,  
alt. 1453 m
165. *Cirsium canum* (L.) All. CZ-0-PLZEN-2572-14-10  
Czech Republic, Moravia, Hrdibořické rybníky,  
coll. 26. 10. 2014, T. Peš, J. Pešová
166. *Cirsium eriophorum* (L.) Scop. CH-0-BERN-1977/57  
BG Bern/ Switzerland, Bern, Gantrisch, below  
Gantrischhütte, alt. 1440 m
167. *Cirsium japonicum* (Thunb.) Fisch. ex DC. var. KR-0-PLZEN-0265-14-10  
*spinosissimum* Kitam.  
BG Göteborg/ South Korea, Jeju-do, Mt. Halla,  
alt. 1900 m
168. *Cotula hispida* (DC.) Harv. ZA-0-TEBLI-00992  
BG Teplice/ Silverhill Seeds/ R. S. A., Eastern Cape  
Province, Naudé's Nek Pass
169. *Crepis pyrenaica* (L.) Greuter AT-0-WU-0022252  
BG Wien/ Austria, Steiermark, Schneealpe, subalpine  
meadow; alt. 1387 m, coll. 10. 09. 2015

170. *Gnaphalium sylvaticum* L. **W** CZ-0-PLZEN-2824-17-10  
Czech Republic, W Bohemia, S of Konstantinovy Lázně, 1,5 km N of Šipín, forest path, coll. 28. 9. 2017, R. Matulová
171. *Hieracium franconicum* (Griseb.) Zahn DE-0-ER-2007-447  
(= *H. glaucomorphum* ssp. *franconicum* (Griseb.) Greuter)  
BG Erlangen/ Germany, Bayern, Oberfranken, Ehrenbürg
172. *Hieracium intybaceum* Lam. IT-0-ERYK-2006/002  
(= *Crepis conyzifolia* (Gouan) A.Kern.)  
BG Reykjavik/ BG Chanousia/ Italy, Colle Piccolo S. Bernardo, alt. 2200 m
173. *Hieracium inuloides* Tausch FR-0-P-2010g108  
BGM Paris/ France, Alpes (Hautes), Lautaret, alt. 2000 m, dry meadow, acid
174. *Hieracium maculatum* Schrank CZ-0-PLZEN-0941-13-20  
Czech Republic, C Bohemia, near Beroun, coll. 9. 5. 2013, R. Matulová
175. *Hieracium olympicum* Boiss. GR-0-M-2002/1207  
BG Potsdam/ Greece, Mt. Olimbos, around Katafigion, alt. 2000 - 2200 m, ZE&S 51610
176. *Hieracium valdepilosum* Vill. FR-0-P-2012g099  
BG Paris/ France, Alpes (Hautes), Lautaret, alt. 1900 m, screes and rocky slopes, acid
177. *Hymenoxys hoopesii* (A. Gray) Bierner US-0-PLZEN-1054-11-10  
BG Denver/ USA, Colorado, Routt Co., Wildflower Ranch, seasonally moist meadows, alt. 2470 m
178. *Hypochaeris uniflora* Vill. CZ-0-PLZEN-2007-15-40  
Czech Republic, Hrubý Jeseník, road from Karlova Studánka to Vidly, alt. 1003 m, coll. 6. 8. 2015, T. Peš
179. *Inula kitamura* Tatew. ex Honda RU-0-PLZEN-2204-14-30  
(= *I. salicina* L.)  
Arctic-Alpine Garden Chemnitz/ Russia, Sakhalin, alt. 180 m
180. *Inula oculus-christi* L. CZ-0-MSTR-10875  
BG Münster/ BG Brno/ Czech Republic, Jihomoravske Karpaty

181. *Leontodon crispus* DC. ex Nyman FR-0-FRT-2012/449  
 BG Frankfurt/ France, Hautes-Alpes, St. Crépin (ex  
 BG Grenoble - Col du Lautaret, Station alpine Joseph  
 Fourier), alt. 1000 m
182. *Leontodon hispidus* L. ssp. *danubialis* (Jacq.) Simonk. TR-0-B-2508380  
 BG Berlin-Dahlem/ Turkey, Prov. Rize, Firtina Deresi,  
 Pazar, alt. 50 m, coll. Ern 6483
183. *Leucanthemum atratum* (Jacq.) DC. AT-0-PLZEN-0169-12-10  
 BG Salzburg/ Austria, Steiermark, Rax-Alpe,  
 Waxriegelhaus, Heukuppe, Mugetum, limestone,  
 alt. 1850 m
184. *Ligularia fischeri* (Ledeb.) Turcz. KR-0-TUEB-3956  
 BG Tübingen/ BG Pocheon-Si, Gyeonggi-Do/ S  
 Korea, Mt. Halla, alt. 1500 m
185. *Pyrethrum clusii* Fisch. ex Rchb. SK-0-PLZEN-1156-16-40  
 (= *Tanacetum corymbosum* ssp. *subcorymbosum*  
 (Schur) Pawł.)  
 BG Košice/ Slovakia, Tatranská Lomnica, Exposition  
 of Tatra Mountain Nature, State Forests of Tatra  
 National Park, alt. 850 m, coll. 4. 8. 2015/ Slovakia,  
 Vysoké Tatry Mts.
186. *Pyrethrum corymbosum* (L.) Scop. CZ-0-PLZEN-1413-12-20  
 Czech Republic, C Bohemia, Nezabudice, rocky  
 steppe, coll. 27. 6. 2012, R. Matulová
187. *Rudbeckia hirta* L. US-0-PLZEN-0159-12-10  
 BG East Lansing/ USA, Michigan, Clinton Co., Soft  
 Lakeside Muck, Burke Lake, 42°48'N, 84°23'W,  
 alt. 253 m
188. *Symphyotrichum novae-angliae* (L.) G. L. Nesom US-0-PLZEN-0633-15-10  
 BG East Lansing/ USA, Michigan, Clinton Co.,  
 42°47'41"N 84°23'01"W, 256 m, Prairie Fen, Site:  
 Rose Lake Fen, coll. 23. 10. 2014
189. *Senecio doria* K.Koch ES-0-MSTR-1-09-313  
 BG Münster/ BG Göttingen/ Spain, Provinz Leon,  
 Cordillera Cantabrica, alt. 1200 m
190. *Serratula tinctoria* L. HU-0-PLZEN-1964-16-10  
 BG Vácrátót/ Hungary, Kiskunság, part of the Great  
 Hungarian Plain between rivers Duna (Danube) and  
 Tisza, sand dunes and alkaline sand-steppes near  
 Tatárszentgyörgy and Orgovány, coll. G. Kósa

191. *Serratula tinctoria* L. ssp. *tinctoria* CZ-0-PLZEN-2300-14-30  
 Planta Naturalis/ Czech Republic, C Bohemia, Zliv  
 near Libáň
192. *Solidago chilensis* Meyen CL-0-TEBLI-01159  
 BG Teplice/ Chile, Araucanía Region, Malleco  
 Province, Malalcahuello and Nalcas National  
 Reserves, coll. Haager, Šedivá, 2010
193. *Solidago simplex* Kunth US-0-PLZEN-1056-11-10  
 BG Denver/ USA, Colorado, Clear Creek Co., Mount  
 Evans, Arapaho National Forest
194. *Solidago virgaurea* ssp. *minuta* (L.) Arcang. AT-0-PLZEN-0018-13-10  
 BG Salzburg/ Austria, Salzburg, Hohe Tauern,  
 Krimmler Achental, path from Innerkeesalm to  
 Warnsdorfer Hütte, alpine grassland, schist,  
 alt. 2250 m
195. *Sonchus fruticosus* L.f. PT-0-PLZEN-1469-10-10  
 Madeira, Parque Florestal Ribeiro Frio, alt. 850 m,  
 coll. 14. 9. 2010, T. Peš
196. *Tanacetum parthenium* (L.) Sch. Bip. TR-0-B-2522680  
 BG Berlin-Dahlem/ Turkey, Prov. Rize, Dilek Dağları,  
 alt. 1100 m, coll. Ern 6626
197. *Taraxacum serotinum* (Waldst. et Kit.) Fisch. AT-0-TUEB-9124  
 BG Tübingen/ Austria, Lower Austria, Hundsheimer  
 Berg, coll. Garden staff, 1992
198. *Telekia speciosa* (Schreb.) Baumg. RO-0-IAGB20142166W  
 BG IASI/ Romania, Judetul Suceava, Municipiul  
 Câmpulung Moldovenesc, coll. C. Bîrsan
199. *Tragopogon floccosus* Waldst. et Kit. HU-0-PLZEN-1967-16-10  
 BG Vácrátót/ Hungary, Kiskunság, part of the Great  
 Hungarian Plain between rivers Duna (Danube) and  
 Tisza, sand dunes and alkaline sand-steppes near  
 Tatárszentgyörgy and Orgovány, coll. G. Kósa
200. *Tragopogon orientalis* L. RU-0-OSN-2012-203  
 BG Osnabrück/ Russia, S Siberia, Rep. Khakassia,  
 Gerasimovo, Altaiskij Rajon, near river Abakan near  
 village Isykskije Kopi, steppe
- CRASSULACEAE**
201. *Hylotelephium maximum* (L.) Holub CZ-0-PLZEN-1338-12-20  
 (= *Sedum maximum* (L.) Suter)  
 Czech Republic, C Bohemia, Tetín, coll. R. Matulová

202. *Chiastophyllum oppositifolium* (Ledeb.) A.Berger  
BG Jena/ Russia, Western Caucasus, Fist Region,  
alt. 1590 m RU-0-M-2000/1120
203. *Jovibarba hirta* (Pollini) Opiz  
(= *Sempervivum globiferum* ssp. *hirtum* (L.) 't Hart &  
Bleij)  
Alpengarten Wien/ Austria, Steiermark, Rax-Alpe,  
alt. 1700 - 2050 m AT-0-PLZEN-0091-13-10
204. *Rhodiola rosea* L.  
BG Hokkaido/ Japan, Hokkaido, Rebun-machi,  
Rebun-gun JP-0-PLZEN-0989-03-10
205. *Sedum obtusifolium* C. A. Mey.  
BG Utrecht/ Turkey, Prov. Bolu, 20 km S of Gerede,  
W of the road to Kizilcahamam., alt. 1350 m,  
coll. Alpinar, K. et H.'t Hart 33 TR-0-U-1993BL00010
206. *Sedum reflexum* L.  
Czech Republic, S Bohemia, Dubná, rocks in oak-  
pine forest above Otava river, near village Držov,  
coll. 18. 7. 2010, T. Peš CZ-0-PLZEN-1263-10-20
207. *Sedum spurium* M.Bieb.  
BG Göteborg/ Russia, Karachayevo-Cherkessiya,  
Arkhyz, W of village, alt. 1600 m RU-0-PLZEN-0436-12-10
208. *Sempervivum dzhavachischvili* Gurgun.  
M. Hornát, České Budějovice/ Russia, Caucasus,  
Dagestan Rep. RU-0-PLZEN-1132-11-30
209. *Sempervivum charadzeae* Gurgun.  
M. Hornát, České Budějovice/ Russia, W Caucasus,  
Cherkess rep., Mt. Mussa Achitara, SW slope RU-0-PLZEN-1134-11-30
210. *Sempervivum sosnowskyi* Ter-Chatsch.  
M. Hornát, České Budějovice/ Georgia, Caucasus GE-0-PLZEN-1142-11-30
211. *Sempervivum tectorum* L.  
Italy, Monte Baldo, thermophile forest near San Zeno di  
Montagna, calcareous rock, alt. ca.1300 m,  
coll. 19. 7. 2012, T.Peš, T.Peš jr. IT-0-PLZEN-1602-12-20
212. *Umbilicus rupestris* (Salisb.) Dandy  
Croatia, mountains above Gradac, alt. 500 m,  
coll. 23. 8. 2015, T. Peš jr. HR--PLZEN-2182-15-20



## CUPRESSACEAE

213. *Juniperus semiglobosa* Regel TJ-0-PLZEN-0902-04-40  
Arboretum Nový Dvůr/ Tajikistan, Chorog
214. *Juniperus virginiana* L. US-0-PLZEN-3740-00-50  
Willowwood Arboretum/ USA, New Jersey, Monmouth Co.

## CYPERACEAE

215. *Carex atrata* ssp. *caucasica* (Steven) Kük. GE-0-BONN-18474  
BG Bonn/ Georgia, Region Khevi, road from Gveleti to Derdoraki, forest, alt. 1800 - 2100 m
216. *Carex calderae* A. Hansen ES-0-GENT-19790175  
(= *C. paniculata* L. ssp. *calderae* (Hansen) Lewej. et Lobin)  
BG Gent/ BG Oslo/ Spain, Tenerife
217. *Carex flacca* Schreber CZ-0-PLZEN-1122-10-30  
Institute of Botany Třeboň/ Czech Republic, S Moravia, Mikulov, Hlohovec, Stará Hora near Nesyt pond
218. *Carex flacca* Schreber CZ-0-PLZEN-2107-12-10  
Czech Republic, N Bohemia, Bílé stráně near Litoměřice, marlite, alt. ca. 300 m, coll. 13. 10. 2012, T. Peš, J. Pešová
219. *Carex fuscula* d'Urv. var. *distenta* (Kunze ex Kunth) Kük. AR-0-PLZEN-1898-01-40  
BG Göttingen/ Argentina, El Bolson, Mallin Ahogado, prov. Rio Negro
220. *Carex hirta* L. CZ-0-PLZEN-1045-14-20  
Czech Republic, N Bohemia, Hradčanské rybníky, sands S of pond Držník, alt. 281 m, coll. 4.5.2014, T. Peš
221. *Carex laxiculmis* var. *copulata* (L. H. Bailey) Fernald US-0-PLZEN-1174-09-10  
BG East Lansing/ USA, Michigan, Ingham Co., Legg Park Floodplain
222. *Carex maorica* Hamlin NZ-0-PLZEN-0345-13-10  
BG Christchurch/ New Zealand, Port Hills, Banks Peninsula, coll. 2011

223. *Carex medwedewii* Leskov GE-0-BONN-18474  
 BG Bonn/ Georgia, Region Khevi, Georgian army  
 road from Gveleti to Derdoraki, forest,  
 alt. 1800 - 2100 m, coll. A. Gröger, W. Lobin, 104-26,  
 17. 8. 2000
224. *Carex podocarpa* R. Br. US-0-PLZEN-0905-08-50  
 BG Göttingen/ USA, Montana, Glacier National Park
225. *Carex shimidzensis* Franch. JP-0-PLZEN-1074-14-10  
 BG Tsukuba/ Japan, Hokkaido, Ohashi, Nayoro,  
 44°22' N, 142°28' E
226. *Carex sylvatica* ssp. *latifrons* (V.I.Krecz.) Ö.Nilsson TR-0-B-2520780  
 BG Berlin-Dahlem/ Turkey, Prov. Rize, Dilek Dağları,  
 Ayder Iliça, alt. 1300 m, coll. Ern 6607
- GENTIANACEAE**
227. *Gentiana yakushimensis* Makino XX-0-BONN-27274  
 BGU Bonn
- GERANIACEAE**
228. *Geranium nodosum* L. IT-0-GZU-YY 220029  
 BG Graz/ Italy, Grigna, Lake Como, 1998
229. *Geranium sibiricum* L. JP-0-PLZEN-0023-16-10  
 BG Tsukuba/ Hokkaido Division/ Japan, Hokkaido,  
 Nayoro, Ohashi, 44°22' N, 142°28' E, alt. 98 m
230. *Pelargonium alchemilloides* (L.) Aiton 0846-15-40 ZA-0-U-2011ZS00378  
 BG Utrecht/ R. S. A., Balloch, Balloch Farm (near S  
 border of Lesotho)
- HAEMODORACEAE**
231. *Wachendorfia thyrsiflora* Burm. ZA-0-GIESS-2010-M-129-2  
 BG Giessen/ BG Plzen/ R. S. A., Tsitsikamma Forest,  
 coll. 20. 3. 2004, J. Pešová
- HYDRANGEACEAE**
232. *Hydrangea paniculata* Sieb. JP-0-PLZEN-1008-03-10  
 BG Kyoto/ Japan, Kyoto, Sakyo-ku, Ogose, alt. 550 m
233. *Hydrangea paniculata* Sieb. JP-0-PLZEN-1852-01-10  
 BG Ofuna/ Japan, Hakone, Sengokubara,  
 alt. 600 - 800 m

## HYPERICACEAE

234. *Hypericum bupleuroides* Griseb. GE-0-BONN-18505  
BG Bonn/ Georgia, Region Guria, road from Ascana  
to Bakhmaro, alt. 1400 - 1650 m, coll. 25. 8. 2000,  
A. Gröger
235. *Hypericum montanum* L. CZ-0-PLZEN-2015-12-10  
Czech Republic, C Bohemia, near Beroun,  
coll. 11. 9. 2012, R. Matulová
236. *Hypericum orientale* L. TR-0-B-4022684  
BG Berlin-Dahlem/ Turkey, Prov. Bolu, Gerede,  
limestone, alt. 1400 m, coll. Hagemann et al.
237. *Hypericum perforatum* L. W CZ-0-PLZEN-2827-17-10  
Czech Republic, W Bohemia, 2 km NE of Dobřany,  
military training area near hill Šlovický vrch,  
coll. 18. 11. 2017, R. Matulová

## IRIDACEAE

238. *Iris ensata* Thunb. RU-0-PLZEN-2076-04-40  
BG Copenhagen/ Russia, Khabarovsk
239. *Iris graminea* L. CZ-0-PLZEN-2289-14-30  
Planta Naturalis/ Czech Republic, S Moravia, Bílé  
Karpaty, Čertoryje
240. *Iris halophila* Pall. RU-0-OSN-2010-265  
BG Osnabrück/ Russia, Altaisky Krai, Aleisky Reg.,  
village Urzhum, 52°14'06''N, 83°26'43'', alt. 162 m
241. *Iris chrysographes* Dykes CN-0-PLZEN-0440-05-10  
BG Göteborg/ China, Yunnan, Lijiang, Yulong Shan,  
Sandauwan, alt. 3100 m
242. *Iris orientalis* Mill. TR-0-B-0610889  
BG Berlin-Dahlem/ BG Wuppertal/ Turkey, Prov.  
Samsun
243. *Iris sibirica* L. CZ-0-PLZEN-0605-09-10  
Czech Republic, W Bohemia, Toužim, Prachomety,  
coll. 5. 4. 2009, T. Peš
244. *Iris sibirica* L. CZ-0-PLZEN-1081-13-10  
Czech Republic, W Bohemia, Novoveská draha,  
coll. 14. 7. 2013, T. Peš
245. *Sisyrinchium patagonicum* Phil. ex Baker AR-0-NGOET-3644  
BG Göttingen/ BG Reading/ Argentina, Tierra del  
Fuego

## JUNCACEAE

246. *Juncus inflexus* L. CZ-0-PLZEN-2452-15-10  
Czech Republic, České středohoří, meadow near  
Koštice, waterlogged meadow with halophilic  
vegetation, coll. 1. 11. 2015, T. Peš, J. Pešová
247. *Luzula arcuata* (Wahlenb.) Sw. IS-0-REYK-2012/033  
BG Reykjavik/ SW Iceland, Reykjavík, Ulfarsfell,  
64°08'N, 21°43'W, coll. 17. 8. 2012
248. *Luzula rufa* Edgar XX-0-NCY-19970345G  
BG Nancy/ BG Haut Chitelet
249. *Luzula sudetica* (Willd.) Schult. AT-0-SZU-2015-531  
BG Salzburg/ Austria, Salzburg, Pongau,  
Berchtesgadener Alpen, Hochkönig S, Schneeberg  
NE, fen, alt. 1750 m
250. *Luzula sylvatica* (Huds.) Gaudin SK-0-PLZEN-1897-08-20  
Slovakia, Vysoké Tatry, Štrbské pleso,  
coll. 29. 6. 2008, Š. Sýkorová

## LAMIACEAE

251. *Betonica alopecuroides* L. AT-0-KL-2015/3635  
(= *Stachys alopecuroides* (L.) Benth.)  
BG Klagenfurt/ Austria, Kärnten, Eisenkappel-Vellach/  
Železna Kapla-Bela, Vellacher Kotschna/ Belska  
Kočna, overgrown limestone scree,  
alt. 1179 m, N 46°23'21.4" E 14°34'24.6",  
coll. Felix Schlatti, 4. 8. 2015
252. *Betonica officinalis* L. CZ-0-PLZEN-1090-08-20  
(= *Stachys officinalis* (L.) Trevis.)  
Czech Republic, W Bohemia, Louňová, wetland,  
alt. 670 m
253. *Betonica officinalis* L. CZ-0-PLZEN-2012-12-10  
(= *Stachys officinalis* (L.) Trevis.)  
Czech Republic, C Bohemia, near Beroun,  
coll. 11. 9. 2012, R. Matulová
254. *Clinopodium nepeta* (L.) Kuntze FR-0-M-2010/0820  
BG München/ France, Alpes maritimes, Col de  
Tende, alt. 1600 m
255. *Chaenorhinum origanifolium* (L.) Kostel. FR-0-TUEB-693  
BG Tübingen/ BG Berlin-Dahlem, 1996/ France,  
Pyrenees Atlantic, Gave de Brousset, Falaises de  
Tourmont, calcareous, alt. 1700 m

256. *Horminum pyrenaicum* L. FR-0-MSTR- 6627  
BG Münster/ France, Lescum Val d'Aspe, W  
Pyrenees
257. *Leonurus cardiaca* L. CZ-0-PLZEN-2212-15-30  
Planta Naturalis/ Czech Republic, C Bohemia, Dřísy  
near Všetaty
258. *Marrubium supinum* L. XX-0-PLZEN-1977-15-70  
BG de Sierra Nevada Granada
259. *Mentha suaveolens* ssp. *insularis* (Req.) Greuter FR-0-PLZEN-1685-15-20  
France, Corse, near Aire de Piscia di Ghjaddu,  
around the stream in the pine forrest,  
coll. 9. 7. 2015, T. Peš
260. *Nepeta nuda* ssp. *lydiae* P.H.Davis TR-0-B-2040802  
BG Berlin-Dahlem/ BG Izmir-Bornova/ Turkey,  
Prov. Izmir, Bozdağ
261. *Origanum vulgare* L. ssp. *virens* (Hoffmanns. et Link) PT-0-PLZEN-1445-10-10  
letsw.  
Portugal, Madeira, Pico do Areeiro, alt. 1800 m,  
coll 14. 9. 2010, T. Peš
262. *Prunella grandiflora* (L.) Scholler AT-0-PLZEN-0195-12-10  
BG Salzburg/ Austria, Steiermark, Rax-Alpe,  
Waxriegelhaus, Heukuppe, subalpine Firmetum,  
Mugetum, limestone, alt. 1450 m
263. *Prunella vulgaris* L. CZ-0-PLZEN-2599-14-10  
Czech Republic, Krkonoše Mts., Harrachov, near  
waterfall Mumlavský vodopád, coll. 25. 10. 2014,  
V. Pešková
264. *Prunella vulgaris* L. ssp. *lilacina* Nakai JP-0-PLZEN-0926-13-10  
BG Tsukuba/ Japan, Hokkaido, 44°22'N 142°28'E,  
alt. 98 m
265. *Salvia glutinosa* L. CZ-0-PLZEN-2204-15-30  
Planta Naturalis/ Czech Republic, S Moravia, Bítov
266. *Salvia nemorosa* L. CZ-0-PLZEN-1146-13-10  
Czech Republic, S Moravia, Bzenec,  
coll. 23. 7. 2013, T. Peš
267. *Salvia recognita* Fisch. et C.A.Mey. TR-0-PLZEN-1109-13-40  
BG Denver/ Rocky Mountain Rare Plants, USA/  
Turkey, coll. 1. 7. 1989, J. Archibald

268. *Salvia tomentosa* Mill. TR-0-B-2482881  
BG Berlin-Dahlem/ Turkey, Prov. Ankara,  
Kizilcahamam, coll. Ern/ Krone 7128
269. *Salvia tomentosa* Mill. TR-0-B-2468381  
BG Berlin-Dahlem/ Turkey, Prov. Hatay, Amanus  
Mts., Atik, coll. Ern/ Krone 6983
270. *Salvia valentina* Vahl ES-0-M-2013/1597  
BG München/ Spain, Southern Spain, alt. 1700 m
271. *Salvia verticillata* L. AT-0-PLZEN-0196-12-10  
BG Salzburg/ Austria, Kärnten, St. Georgen am  
Längsee, poor meadow, moraine/ limestone,  
alt. 700 m
272. *Salvia verticillata* L. GE-0-BONN-18478  
BG Bonn/ Georgia, Region Khevi, Kazbegi, Sameba  
Gergeti, alt. 2170 m., 42°39.705 N, 44°37.534 O,  
coll. 18. 8. 2000, A. Gröger
273. *Satureja montana* ssp. *variegata* (Host) P.W.Ball SI-0-PLZEN-1905-16-10  
BG Ljubljana/ Slovenia, Kavčiče, coll. 2015, J.Bavcon
274. *Scutellaria alpina* ssp. *supina* (L.) I.Richardson IT-0-M-2006/2345  
BG München/ Italy, La Salle, Chatelard, alt. 1000 m
275. *Sideritis syriaca* L. ssp. *nusairiensis* (Post) Hub.- Mor. TR-0-B-2459581  
BG Berlin-Dahlem/ Turkey, Prov. Hatay,  
Amanus Mts., Atik, coll. Ern 6895
276. *Sideritis hyssopifolia* L. FR-0-MSTR-11186  
BG Münster/ BG Bordeaux/ France, Haute Pyrenees,  
Garvarnie, vallee d'Ossoue
277. *Stachys pradica* (Zanted.) Greuter et Pignatti CH-0-G-20151109  
BG Geneva/ Switzerland, Valais, alt. 1916 m
278. *Stachys recta* L. CZ-0-PLZEN-2951-14-20  
Czech Republic, C Bohemia, Trubín, coll. R. Matulová
279. *Teucrium flavum* L. ssp. *hellenicum* Rech. f. TR-0-B-2861389  
BG Berlin-Dahlem/ Turkey, Prov. Aydin, Samsun Dağ,  
limestone, alt. 100 m, coll. Raus 14484
280. *Teucrium chamaedrys* L. CZ-0-PLZEN-1444-15-20  
Czech Republic, C Bohemia, Trubín, coll. 24. 3. 2015,  
R. Matulová

281. *Teucrium chamaedrys* L. AT-0-KL-2011/478  
 BG Klagenfurt, / Austria, Kärnten, Völkermarkt,  
 Schaidasattel, N Perutsch, Grosser Felsen, S  
 exposed slope, limestone, alt. 1050 m, 46°28'50.8"N,  
 14°28'09.8"E
282. *Teucrium scorodonia* L. DE-0-PLZEN-1358-07-10  
 Germany, Rügen, Feuerstein Felde,  
 coll. 29. 8. 2007, T. Peš
283. *Teucrium hircanicum* L. IR-0-FRT-1995/1858  
 BG Frankfurt/ BG Teheran/ Iran, N 50°20', E 36°30'
284. *Thymus pulegioides* L. W CZ-0-PLZEN-2846-17-10  
 Czech Republic, W Bohemia, S of Konstantinovy  
 Lázně, 1,5 km NE of Šipín, hill Kozinec,  
 coll. 28. 9. 2017, R. Matulová
285. *Vitex negundo* L. var. *heterophylla* (Franch.) Rehder CN-0-PLZEN-1530-09-10  
 (= *V. negundo* L.)  
 China, Xinjiang, Great Chinese Wall by the road  
 Peking - Chengde, shrubs, alt. 739 m, 40°39'34"N,  
 117°17'26"E, coll. P. Sekerka
- LAURACEAE**
286. *Lindera benzoin* (L.) Blume US-0-PLZEN-0608-01-10  
 Holden Arboretum Kirtland/ USA, Ohio, Lace Co.,  
 Holden Arboretum, Firman Nursery, woodland edge,  
 41°37'N, 81°18'W, coll. 21. 9. 2000
- LEGUMINOSAE**
287. *Anthyllis vulneraria* ssp. *alpicola* (Brugg.) Gutermann ES-0-B-1417779  
 BG Berlin-Dahlem/ Spain, Prov. León, Cantabrian  
 Mts., Puerto de Somiedo, silicate, alt. 1500 m,  
 coll. Ern et al. 4077
288. *Astragalus glycyphyllos* L. CZ-0-PLZEN-1622-13-10  
 Czech Republic, C Bohemia, near Beroun
289. *Caragana kirghisorum* Pojark. RU-0-PLZEN-0155-00-50  
 BG Novosibirsk/ Russia, Siberia
290. *Glycyrrhiza echinata* L. TR-0-B-4010184  
 BG Berlin-Dahlem/ Turkey, Prov. Sakarya, Söğütlü,  
 alt. 30 m, coll. Hagemann et al. 1838

291. *Chamaecytisus austriacus* (L.) Link AT-0-WU-FAB110364  
BGU Wien/ Austria, Lower Austria, Spitzerberg N  
of Prellenkirchen, dry grassland, limestone,  
alt. ca. 230 m, 48°05'46"N, 16°56'33"E;  
coll. 31. 8. 2011, F. Tod, B. Knickmann
292. *Lathyrus aureus* (Steven) D. Brandza GE-0-M-2002/2685  
BG München/ Georgia, Racha, between Paracheti  
and M'Tiscalta, near Paracheti, alt. 1800 m
293. *Lathyrus laxiflorus* (Desf.) Kuntze GE-0-M-2003/3219  
BG Bonn/ Georgia, Khachetia, Lagodechi, alt. 950 m,  
41°51.318'N, 46°16.236'E, coll. A. Gröger et  
W. Lobin 319-5
294. *Lathyrus vernus* (L.) Bernh. CZ-0-PLZEN-1467-12-20  
Czech Republic, C Bohemia, C Bohemia, Srbsko,  
coll. R. Matulová
295. *Medicago x varia* Martyn CZ-0-PLZEN-2248-12-20  
Czech Republic, W Bohemia, Plzeň, Litice, near ruins  
of the castle, coll. 12. 6. 2012, R. Matulová
296. *Trifolium arvense* L. CZ-0-PLZEN-1147-13-10  
Czech Republic, S Moravia, Bzenec,  
coll. 23. 7. 2013, T. Peš
297. *Trifolium arvense* L. **W** CZ-0-PLZEN-2821-17-10  
Czech Republic, W Bohemia, S of Konstantinovy  
Lázně, 1,5 km NE of Šipín, hill Kozinec,  
coll. 28. 9. 2017, R. Matulová
298. *Trifolium arvense* L. **W** CZ-0-PLZEN-2828-17-10  
Czech Republic, W Bohemia, 2 km NE of Dobřany,  
military training area near hill Šlovický vrch,  
coll. 18. 11. 2017, R. Matulová
299. *Trifolium glomeratum* L. FR-0-P-2013g154  
BGM Paris/ France, Haute Corse, Corté, vallée de la  
Restonica, alt. 443 m, scree and rocky slopes, acid
300. *Trifolium pratense* ssp. *kotulae* (Pawł.) Soják SK-0-PLZEN-1158-16-40  
BG Košice/ Slovakia, Tatranská Lomnica, Exposition  
of Tatra Mountain Nature, State Forests of Tatra  
National Park, alt. 850 m, coll. 2. 7. 2015/ Slovakia,  
Vysoké Tatry Mts.
301. *Trifolium rubens* L. CZ-0-PLZEN-0987-11-10  
Czech Republic, S Moravia, Bílé Karpaty, Čertoryje,  
coll. 9. 8. 2011, T. Peš



302. *Trifolium thalii* Vill. IT-0-PLZEN-0726-12-10  
BG Rezia/ Italy, Prov. Brescia, Gavia Pass,  
alt. 2200 - 2600 m
- LINACEAE**
303. *Linum alpinum* Jacq. AT-0-PLZEN-0089-13-10  
Alpengarten Wien/ Austria, Steiermark, Rax-Alpe,  
alt. 1700 - 2050 m
304. *Linum austriacum* L. UA-0-PLZEN-4326-98-50  
Ukraine, steppe, coll. Y. Doležalová
- OLEACEAE**
305. *Ligustrum tschonoskii* Decne. RU-0-PLZEN-1819-02-40  
BG Tallinn/ Russia, Sakhalin, Mt. Chekhov, 1961
- ONAGRACEAE**
306. *Circaea lutetiana* L. CZ-0-PLZEN-2288-15-30  
Planta Naturalis/ Czech Republic, C Bohemia, Liblice
307. *Epilobium hirsutum* L. CZ-0-PLZEN-2016-15-20  
Czech Republic, N Moravia, Skalická Morávka,  
gravelled riverbed of Morávka, N 49°38'01.0'',  
E 18°27'01.1'', alt. 374 m, coll. 8. 8. 2015, T. Peš
308. *Oenothera magellanica* Phil. AR-0-PLZEN-2080-04-40  
BG Copenhagen/ Argentina, Santa Cruz,  
NP Los Glaciers, 1988
- OXALIDACEAE**
309. *Oxalis* sp. AR-0-PLZEN-1143-10-10  
Argentina, Jujuy, Arroyo de la Quebrada Tumbaya  
Grande
- PAPAVERACEAE**
310. *Papaver pseudo-orientale* Medw. 0836-14-40 TR-0-B-1973000  
BG Berlin-Dahlem/ Turkey, Prov. Artvin, Kaçkar Mts.,  
alt. 2150 m, coll. Parolly
- PAEONIACEAE**
311. *Paeonia caucasica* (Schipcz) Schipcz. GE-0-PLZEN-0448-14-30  
(= *P. daurica* ssp. *coriifolia* (Rupr.) D. Y. Hong)  
J.Obdržálek/ Georgia, Tbilisi reg.
312. *Paeonia daurica* ssp. *coriifolia* (Rupr.) D.Y.Hong GE-0-BONN-25713  
BG Bonn/ Georgia, Racha, Stausee, Shauri,  
alt. 1162 m, 42°22.096 N, 43°22.096 O,  
coll. A. Gröger, 15. 8. 2002

## PLANTAGINACEAE

313. *Anarrhinum corsicum* Jord. et Fourr. FR-0-P-2012g012  
BGM Paris/ France, Haute Corse, Bastia, rocks, acid
314. *Antirrhinum braun-blanquetii* Rothm. ES-0-B-1405279  
BG Berlin-Dahlem/ Spain, Prov. Asturias, Picos de Europa, calcareous, alt. 600 m, coll. Ern et al. 3952
315. *Antirrhinum majus* L. GR-0-ATHD-2011/1170  
BG Athens/ Greece, Kithira Island, Milopotamos, Piso Pigadi
316. *Digitalis grandiflora* Mill. AT-0-KL-2011/474  
BG Klagenfurt/ Austria, Kärnten, Völkermarkt, Schaidasattel, N Perutsch, Grosser Felsen, S exposed slope, limestone, alt. 1090 m, 46°28'57.9"N, 14°28'21.2"E
317. *Digitalis lutea* ssp. *australis* (Ten.) Arcang. IT-0-B-2560710  
BG Berlin-Dahlem/ BG Lama die Peligni/ Italy, Region Abruzzo, Chieti, Lama die Peligni, alt. 669 m
318. *Digitalis purpurea* L. PT-0-PLZEN-1407-10-10  
Portugal, Madeira, Pico do Areeiro, alt. 1800 m, coll. 14. 9. 2010, T. Peš
319. *Digitalis purpurea* L. W CZ-0-PLZEN-2825-17-10  
Czech Republic, W Bohemia, N of Horní Lukavice, 1,5 km N of Hradčany, forest, coll. 9. 9. 2017, R. Matulová
320. *Digitalis purpurea* var. *nevadensis* Amo XX-0-PLZEN-1990-15-70  
BG Sierra Nevada Granada
321. *Globularia bisnagarica* L. CZ-0-PLZEN-1627-14-20  
Czech Republic, C Bohemia, 2 km NE of Srbsko, coll. 22. 5. 2014
322. *Linaria grandiflora* Desf. TR-0-B-2961692  
BG Berlin-Dahlem/ BG Bornova-Izmir/ Turkey, Prov. Denizli, Çevril
323. *Linaria purpurea* (L.) Mill. IT-0-PLZEN-1366-15-40  
BG Göttingen/ BG Göteborg/ Italy, Abruzzo, Gran Sasso
324. *Linaria vulgaris* Mill. CZ-0-PLZEN-1395-13-10  
Czech Republic, České středohoří, Oblík, basalt, steppe below peak, alt. ca 500 m, coll. 28. 8. 2013, T. Peš

325. *Plantago atrata* Hoppe AT-0-SZU-2015-643  
BG Salzburg/ Austria, Salzburg, Osterhorngruppe,  
Hintertrattbergalm, bedrock, limestone, alt. 1500 m
326. *Plantago arenaria* Waldst. et Kit. CZ-0-PLZEN-1910-12-10  
Czech Republic, S Moravia, Bzenec, coll. 29. 8. 2012
327. *Plantago coronopus* L. NL-0-MSTR-SA11796  
BG Münster/ The Netherlands, Noord Holland,  
Callantsoog, alt. 2 m
328. *Plantago holosteum* Scop. (= *P. subulata* L.) ES-0-ER-2006-41  
BG Potsdam/ Spain, Sierra Nevada, alt. 2200 m
329. *Plantago leiopetala* Lowe PT-0-NCY-19813324W  
JB Nancy/ Portugal, Madeira, Porto Santo
330. *Plantago major* L. **W** CZ-0-PLZEN-2831-17-10  
Czech Republic, W Bohemia, 2 km NE of Dobřany,  
military training area near hill Šlovický vrch,  
coll. 18. 11. 2017, R. Matulová
331. *Plantago maritima* ssp. *serpentina* (All.) Arcang. IT-0-PLZEN-1099-16-10  
BG Rezia/ Italy, Loc. Strada Cancano – Valdidentro,  
alt. 1600 - 1800 m
332. *Plantago sempervirens* Crantz ES-0-B-0018475  
BG Berlin-Dahlem/ Spain, Prov. Huesca, Pyrenees,  
Jaca, coll. Ern 8
333. *Veronica aphylla* L. AT-0-PLZEN-0903-11-20  
Austria, Nordtirol, Alps, Patscherkofel, silicate,  
alt. 2000 m, coll. 5. 7. 2011, T. Peš, T. Peš jr
334. *Veronica bellidioides* L. CH-0-STGAL-21863  
BG St. Gallen/ Switzerland, Davos-Glaris GR,  
Rinerhorn Bergstation, alt. 2050 m, coll. 21. 8. 2014,  
J. Kuhn
335. *Veronica barrelieri* Schott ex Roem. et Schult. SI-0-PLZEN-0621-15-10  
BG Ljubljana/ Slovenia, Sveta gora, Frančiškov hrib,  
coll. 2014, L. et I. Dakskobler
336. *Veronica officinalis* L. CZ-0-PLZEN-1102-12-20  
Czech Republic, C Bohemia, Nezabudice, rocky  
steppe, coll. 23. 4. 2012, R. Matulová
337. *Veronica spicata* L. CZ-0-PLZEN-1614-13-10  
Czech Republic, C Bohemia, Srbsko,  
coll. 24. 9. 2013, R. Matulová

338. *Veronica spicata* ssp. *orchidea* (Crantz) Hayek  
BG München/ Slovakia, Malé Karpaty, Bartalová SK-0-M-2004/1097
- PLUMBAGINACEAE**
339. *Armeria alliacea* (Cav.) Hoffmanns. et Link  
BG Berlin-Dahlem/ Spain, Prov. León, Cordillera  
Cantábrica, Boñar, silicate, alt. 1000 m, coll. Ern et al.  
3979 ES-0-B-1407979
340. *Armeria alpina* (DC.) Willd.  
Alpengarten Wien/ Austria, Steiermark, Rax-Alpe,  
alt. 1700 - 2000 m AT-0-PLZEN-0357-12-10
341. *Armeria elongata* (Hoffm.) W. D. J. Koch ssp.  
*elongata*  
Czech Republic, S Moravia, Bzenec, coll. 29. 8. 2012 CZ-0-PLZEN-1898-12-10
342. *Armeria marginata* (Levier) Bianchini  
(= *Armeria canescens* ssp. *nebrodensis* (Guss.)  
P.Silva)  
BG Parma/ Italy, Monte Cusna, Villa Minozzo (RE),  
alt. 1980 m IT-0-PLZEN-1206-16-10
343. *Armeria villosa* Girard  
BG Sierra Nevada Granada XX-0-PLZEN-1982-15-70
344. *Limonium binervosum* (G.E.Sm.) C.E.Salmon  
BG Caen/ France, Agon-Coutainville, Dep. Manche,  
coast FR-0-PLZEN-1373-16-10
- POACEAE**
345. *Aegilops ventricosa* Tausch  
BG Potsdam/ Morocco, High Atlas, El-Ksiba to  
Tinghir, just outside Imilchil, 32°10'N, 5°36'W,  
alt. 2250 m, BG Reading 17697, 8. 7. 1997 - high risk  
of invasion MA-0-BONN-23986
346. *Agropyron cristatum* (L.) Gaertn.  
BG Berlin-Dahlem/ Turkey, Prov. Erzurum, Horasan,  
alt. 1500 m, coll. Raus 4712 TR-0-B-2529081
347. *Agropyron cristatum* (L.) Gaertn. (= *A. pectinatum*  
(M.Bieb.) P.Beauv.)  
Planta Naturalis/ Slovakia, Marcelová u Komárna SK-0-PLZEN-2273-15-30
348. *Agrostis tenerrima* Trin.  
BGM Paris/ France, Corse du Sud, Porto-Vecchio,  
forêt de l'Ospédale, dry sand, acid FR-0-P-2013g075

349. *Andropogon gerardii* Vitm. US-0-PLZEN-0157-12-10  
BG East Lansing/ USA, Michigan, Clinton Co., Rose Lake Fen 2-Track South, 42°47'37"N, 84°22'51"W, alt. 256 m, Disturbed Southern Shrub-Carr
350. *Anthoxanthum alpinum* Á. Löve et D. Löve CH-0-G-20140950  
BG Geneva/ Switzerland, Valais, alt. 2140 m
351. *Bothriochloa ischaemum* (L.) Keng HU-0-PLZEN-1949-16-10  
BG Vácrátót/ Hungary, Kiskunság, part of the Great Hungarian Plain between rivers Duna (Danube) and Tisza, sand dunes and alkaline sand-steppes near Tatárszentgyörgy and Orgovány, coll. G. Kósa
352. *Brachypodium genuense* (DC.) Roem. et Schult. IT-0-PLZEN-0917-15-10  
BG Sant'Eufemia a Maiella/ Italy, NP Maiella, S. Eufemia a Maiella (PE), Rava del Ferro, alt. 1700 m
353. *Brachypodium retusum* (Pers.) P.Beauv. FR-0-P-2012g031  
BG Paris/ France, Hérault, St Jean de Védas, mediterranean low scrub, calcareous
354. *Brachypodium sylvaticum* (Huds.) P.Beauv. CZ-0-PLZEN-1465-13-10  
Czech Republic, W Bohemia, Chlumská hora near Manětín, coll. 7. 9. 2013, T. Peš, det. I. Matějková
355. *Bromus benekenii* (Lange) Trimen AT-0-SZU-2015-656  
BG Salzburg/ Austria, Steiermark, Leoben, Radmer a d Stube, Pfarralm, beech forest, wayside, alt. 680 m
356. *Corynephorus canescens* Beauv. CZ-0-PLZEN-1833-12-20  
Czech Republic, S Moravia, near Bzenec, coll. 29. 8. 2012
357. *Dactylis glomerata* ssp. *slovenica* (Domin) Domin CZ-0-PLZEN-2274-14-30  
Planta Naturalis/ Czech Republic, N Bohemia, Poniklá near Jizera
358. *Deschampsia tzvelevii* Prob. RU-0-PLZEN-1045-15-10  
BG Sakhalin/ Russia, Sakhalin Island, mud Volcano Maguntan, coll. 12. 8. 2013, A. Alyokhin
359. *Festuca elegans* Boiss. ES-0-B-0021475  
BG Berlin-Dahlem/ Spain, Prov. Ávila, Sierra de Gredos, silicate, alt. 1600 m, coll. Ern 218
360. *Festuca glauca* Vill. FR-0-MSTR-7551  
BG Münster/ BG Liege/ France, Pyrenees, Cerbere

361. *Festuca laevigata* Gaudich. ssp. *laevigata* FR-0-P-2012g084  
BGM Paris/ France, Alpes (Hautes), Molines en Queyras, alt. 1655 m, dry meadow, acid
362. *Festuca ovina* L. var. *brevifolia* S. Watson CA-0-NGOET-1703  
(= *F. brachyphylla* Schult.)  
BG Göttingen/ Canada, Alberta, Rocky Mts., Whitehorn Mt.
363. *Festuca vaginata* Waldst. et Kit. ex Willd. CZ-0-B-0720502  
BG Berlin-Dahlem/ BG Brno/ Czech Republic, Moravia, Strážnice, Moravský Písek-Rohatec, Ferroviae Bzenec - Privoz, alt. 198 m
364. *Hierochloa redolens* (Vahl) Roem. et Schult. CL-0-LZ-N-49-2014  
BG Leipzig/ BG Akureyri/ Chile, Chiloe, Island, Chiloe National Park, on about 42° 30' of S Latitude
365. *Koeleria glauca* (Schrader) DC. HU-0-PLZEN-1210-08-20  
Hungary, Kiskunság NP, sand dune Fülöpháza, coll. 11. 5. 2008, V. Pešková
366. *Melica altissima* L. TR-0-B-2525581  
BG Berlin-Dahlem/ Turkey, Prov. Kars, Ani, alt. 1500 m, coll. Raus 4576
367. *Melica ciliata* L. TR-0-B-2792381  
BG Berlin-Dahlem/ Turkey, Prov. Kars, Ani, alt. 1500 m, coll. Raus 4575
368. *Melica nutans* L. CZ-0-PLZEN-0709-09-20  
Czech Republic, W Bohemia, Zábělá, coll. 2009, T. Peš
369. *Melica transsilvanica* Schur CZ-0-PLZEN-1659-12-10  
Czech Republic, C Bohemia, near Beroun, Trubín
370. *Panicum scribnerianum* Nash (= *P. oligosanthos* Schult.) US-0-HBG-2009-F-030  
BG Hamburg/ Prairie Moon Nursery/ USA, Minnesota, Wionoa
371. *Poa glauca* Vahl IS-0-PLZEN-0401-14-40  
BG Akureyri/ N Iceland, Eyjafjörður District., Krossanesborgir
372. *Poa laxa* Lam. IT-0-M-2006/0387  
BG München/ Italy, Valle Cogne, La Thuile, Colle Piccolo S. Bernardo, alt. 2200 m

373. *Sesleria albicans* Kit. CZ-0-PLZEN-0923-12-20  
Czech Republic, C Bohemia, near Beroun,  
coll. 8. 4. 2012, T. Peš
374. *Sesleria robusta* Schott, Nyman et Kotschy BA-0-IB-014888  
BG Innsbruck/ Bosnia, Dinara, Mt. Veliki Troglav,  
alt. 1800 m
375. *Schizachyrium scoparium* (Michx.) Nash US-0-PLZEN-0416-13-10  
BG East Lansing/ USA, Michigan, Manistee Co.,  
44°16'03"N, 86°0'40"W, alt. 187 m, roadside, wet,  
sandy, rocky, Place Name: Near High Bridge Road
376. *Sorghastrum nutans* (L.) Nash US-0-PLZEN-0158-12-10  
BG East Lansing/ USA, Michigan, Ingham Co., Bear  
Lake Powerline, 42°41'25"N, 84°30'46"W, alt. 265 m,  
open old field
377. *Stipa calamagrostis* (L.) Wahlenb. (= *Achnatherum*  
*calamagrostis* (L.) P.Beauv.) IT-0-PLZEN-1103-16-10  
BG Rezia/ Italy, Cancano - Valdidentro,  
alt. 1800 - 1900 m
378. *Stipa capillata* L. CZ-0-PLZEN-1151-13-10  
Czech Republic, S Moravia, Bzenec, coll. 23. 7. 2013,  
T. Peš
379. *Stipa capillata* L. CZ-0-PLZEN-1563-15-10  
Czech Republic, C Bohemia, NW of Srbsko, Chlum,  
coll. 5. 4. 2015
380. *Stipa speciosa* Trin. et Rupr. AR-0-PLZEN-0255-14-40  
BG Lautaret/ Argentina, Prov. Neuquen, alt. 200 m
381. *Stipa tenuissima* Trin. AR-0-B-0130888  
BG Berlin-Dahlem/ Argentina, Mendoza, Dpto.  
Tunuyán, El Manzano, silicate, alt. 1750 m
382. *Tragus racemosus* (L.) All. HU-0-PLZEN-1968-16-10  
BG Vácrátót/ Hungary, Kiskunság, part of the Great  
Hungarian Plain between rivers Duna (Danube) and  
Tisza, sand dunes and alkaline sand-steppes near  
Tatárszentgyörgy and Orgovány, coll. G. Kósa
- POLEMONIACEAE**
383. *Collomia biflora* (Ruiz et Pav.) Brand AR-0-TEBLI-00742  
BG Teplice/ BG Marburg/ Argentina, Rio Negro  
Province, Bariloche Dep.

384. *Ipomopsis rubra* (L.) Wherry  
BG Giessen/ USA, WI, Onalsaka US-HBG-207-S-137-0
385. *Polemonium chinense* (Brand) Brand  
BG Göteborg/ China, Shaanxi, Quin Ling Mts., Taibai Shan, alt. 2500 m CN-0-PLZEN-0391-11-10
- POLYGONACEAE**
386. *Polygonum cuspidatum* Sieb.et Zucc.  
(= *Fallopia japonica* (Houtt.) Ronse Decr.)  
Taiwan, Taroko NP, Hehuanshan Main Peak,  
alt. 3200 m, coll. 29. 10. 2009, T. Peš CN-0-PLZEN-1659-09-10
- PRIMULACEAE**
387. *Lysimachia minoricensis* J.J.Rodr.  
BG Nancy/ Spain, Balearic Islands, Menorca, Barranc de Sa Vall ES-0-NCY-19903015G
388. *Primula elatior* (L.) Hill ssp. *pallasii* W. W. Sm. et Forrest  
BG München/ Georgia, Reg. Guria, vicinity of Bakhmaro, 41°51'76'' N, 42°19'75'' E, alt. 1950 m GE-0-M-2000/3371
389. *Primula veris* L.  
Czech Republic, W Bohemia, Chlumská hora near Manětín, coll. 29. 10. 2011, T. Peš CZ-0-PLZEN-1307-11-10
- RANUNCULACEAE**
390. *Aconitum lycoctonum* L.  
Planta Naturalis/ Czech Republic, N Bohemia, Libochovice CZ-0-PLZEN-2231-15-30
391. *Aconitum variegatum* L.  
Planta Naturalis/ Czech Republic, C Bohemia, Rožďalovice CZ-0-PLZEN-2250-15-30
392. *Actaea spicata* L.  
Planta Naturalis/ Czech Republic, C Bohemia, Dětenice CZ-0-PLZEN-2209-15-30
393. *Anemone multifida* Poir.  
BG Reykjavik/ Argentina, Prov. Santa Cruz, Peninsula Magallanes, alt. 100 m (SWE-05-1995-01) AR-0-REYK-1997/001
394. *Aquilegia dumeticola* Jord.  
BG Paris/ France, Corse, Aléria, Woods, Acid FR-0-P-2010g141
395. *Aquilegia flabellata* Siebold et Zucc.  
BG Klagenfurt/ Russia, Kuril Islands, Iturup Island, 45°05' N, 147°50' E RU-0-KL-2013/1681



396. *Aquilegia chrysantha* A. Gray  
BG Reykjavik/ USA, New Mexico, Grant Co. US-0-REYK-2004/003
397. *Aquilegia olympica* Boiss.  
BG München/ Georgia, Reg. Khevi near Devdoraki,  
alt. 1800 - 2000 m GE-0-M-2000/3871
398. *Aquilegia oxysepala* Trautv. et C. A. Mey.  
var. *kansuensis* (Brühl) Brühl ex Hand. - Mazz.  
BG Göteborg/ China, Shaanxi, Nan Gong Shan,  
alt. 2100 m CN-0-PLZEN-0418-12-40
399. *Aquilegia pancicii* Degen  
BG Berlin-Dahlem/ BG Göteborg/ Bosnia, Rzava  
Valley, Dobruna BA-0-B-1510688
400. *Aquilegia vulgaris* L.  
Slovakia, Malá Fatra Mts., Tiesňavy, alt. 650 m,  
limestone rocks, coll. 12. 7. 2010, T. Peš SK-0-PLZEN-1227-10-10
401. *Aquilegia vulgaris* L.  
Planta Naturalis/ Czech Republic, N Bohemia, Český  
Dub CZ-0-PLZEN-2207-15-30
402. *Clematis integrifolia* L.  
Planta Naturalis/ Slovakia, Chotínské piesky SK-0-PLZEN-2270-14-30
403. *Clematis recta* L.  
Czech Republic, N Bohemia, Bílé stráně near  
Litoměřice, marlite, alt. 300 m, coll. 13. 10. 2012,  
T. Peš, J. Pešová CZ-0-PLZEN-2121-12-30
404. *Delphinium requienii* DC.  
BG Graz/ Italy, Sardinia, Prov. Nuoro, Tal d. Sisine, N  
Baunei between Cala Sisine and San Pietro,  
alt. 100 m, limestone, gravel field with Ceratonia,  
Quercus ilex, Nerium, coll. Karl, 20. 07. 1996 IT-0-GZU-02 130387
405. *Thalictrum minus* L. ssp. *saxatile* Ces.  
BG Klagenfurt/ Austria, Kärnten, Völkermarkt,  
Schaidasattel, N Perutsch, Grosser Felsen,  
S exposed slope, limestone, alt. 1069 m,  
46°29'01.2"N, 14°28'38.2"E AT-0-KL-2011/455
406. *Thalictrum simplex* L.  
BG Bonn/ Georgia, Region Khevi, Kazbegi, Sameba  
Gergeti, descent to the river Tschcheris Z'Kali,  
coll. 18. 8. 2000, A. Gröger GE-0-BONN-18480

**RESEDACEAE**

407. *Reseda luteola* L. **W** CZ-0-PLZEN-2832-17-10  
Czech Republic, W Bohemia, 2 km NE of Dobřany,  
military training area near hill Šlovický vrch,  
coll. 18. 11. 2017, R. Matulová

**ROSACEAE**

408. *Acaena buchananii* Hook. f. NZ-0-PLZEN-5299-00-40  
Arboretum Nový Dvůr 1408-92-40/ BG Meise/ New  
Zealand
409. *Acaena pallida* (Kirk) Allan NZ-0-TUEB-4674  
BG Thübingen/ BG Dunedin 2009/ New Zealand,  
coastal sand dunes (Nr. 20031366), 45°54'28''S,  
170°33'19''E
410. *Agrimonia eupatoria* L. **W** CZ-0-PLZEN-2826-17-10  
Czech Republic, W Bohemia, 2 km NE of Dobřany,  
military training area near hill Šlovický vrch,  
coll. 18. 11. 2017, R. Matulová
411. *Alchemilla bulgarica* Rothm. MK-0-M-1989/1957  
BG München/ Macedonia, Bistra Planina, 2 km S of  
Mavrovo, alt. 1300 - 1500 m
412. *Cotoneaster acutifolius* Turcz. CN-0-PLZEN-0526-06-10  
BG Shanghai/ China, Gansu Prov., Mt. Maiji,  
alt. 1000 - 1600 m
413. *Cotoneaster ascendens* Flinck et B.Hylm CN-0-PLZEN-2569-00-40  
Arboretum Nový Dvůr / BG Ness/ China, Hunan,  
Mt. Tianping and Mt.Ziyun 27°N,112°E, alt. 1340 m
414. *Cotoneaster astrophoros* Fryer et Nelson CN-0-PLZEN-2570-00-40  
Arboretum Nový Dvůr/ BG Dublin/ China, Yunnan,  
Tse-Tsun, Yu
415. *Cotoneaster atuntzensis* Fryer et Hylmö CN-0-PLZEN-0265-07-40  
BG Strasbourg/ J. Fryer, 2001/ China, Yunnan,  
Zhongdian, YU 10936
416. *Cotoneaster cinerascens* Flinck et Hylmö CN-0-STR-1995036  
BG Strasbourg/ BG Ness/ China, Yunnan, Dali, Tsang  
Shan, Hadianba Shu, Shu Ching Quan, alt. 2950 m,  
1995
417. *Cotoneaster fangianus* Yu CN-0-STR-1991013  
BG Strasbourg/ J. Fryer, 1991/ China, Hubei, Wilson  
331

418. *Cotoneaster hualiensis* Fryer et Hylmö  
BG Strasbourg/ Taiwan, 1999, Hy 2415 98/005 CN-0-PLZEN-1204-09-40
419. *Cotoneaster integerrimus* Medik.  
Czech Republic, S Moravia, Svatý kopeček near  
Mikulov, calcareous rocky steppe, alt. 340 - 363 m,  
coll. 23. 7. 2013, T. Peš CZ-0-PLZEN-1171-13-10
420. *Cotoneaster krasnovii* Pojark.  
BG Ashkhabad/ Turkmenistan, Kopet Dag Mts., 1975 TM-0-PLZEN-0256-07-40
421. *Cotoneaster kuanensis* Fryer et Hylmö  
BG Strasbourg/ J. Fryer, 2001/ China, Sichuan,  
Duijiangyan CN-0-STR-2001005
422. *Cotoneaster kullensis* B. Hylmö  
BG Göteborg/ Sweden, Skane Mölle, 1995 SE-0-PLZEN-0459-10-40
423. *Cotoneaster niger* (Thunb.) Fr. var. *niger*  
BGU Tharandt/ BG Vácrátót/ Mongolia, Henity Mts.,  
ridges of Bagabayan, granite, alt. 1400 m, 1998 MN-0-THARF-\*S1998/672
424. *Cotoneaster nummularius* Fisch. et C. A. Mey.  
BG Berlin-Dahlem/ Georgia, Djvari-Kirche, Mtskheta,  
alt. 700 m GE-0-B-2900386
425. *Cotoneaster nummularius* Fisch. et C. A. Mey.  
BG Berlin-Dahlem/ Turkey, Prov. Ankara,  
W Kizilcahamam, coll. Ern/ Krone 7052 TR-0-B-2475281
426. *Cotoneaster pseudomultiflorus* Popov  
(= *C. soongoricus* (Regel) Popov)  
BG Strasbourg/ Cary A Millbrook, 1977/ Kyrgyzstan,  
W Tien Shan Mts., Bau-Bosh-Ata, Arslanbob Forest  
Reserve, alt. 800 m KG-0-STR-1977020
427. *Cotoneaster qungbixiensis* Fryer et Hylmö  
BG Strasbourg/ J. Fryer, 2001/ China, Yunnan, Cang  
Shan, C. D. Brickell et A. C. Leslie 12455 CN-0-PLZEN-0146-06-40
428. *Cotoneaster rannensis* Hylmö et Fryer  
BG Salaspils/ Estonia, Prtita, 1997 EE-0-PLZEN-0440-10-40
429. *Cotoneaster* sp. (*saxaconus*)  
BG Strasbourg/ BG Liberec/ Slovakia, W Carpathians,  
Branisko Mts., alt. 500 - 900 m, 1974 SK-0-STR-1974014
430. *Cotoneaster svenhedinii* Fryer et Hylmö  
BG Strasbourg/ J. Fryer, 1996/ B. Hylmö Hy 9476/  
HUM 3716 CN-0-PLZEN-4326-00-40

431. *Cotoneaster thimphuensis* Fryer et Hylmö CN-0-PLZEN-1201-09-40  
BG Strasbourg/ BG Basel/ China, Sichuan,  
Juizhaigou, Rizegou Valley, alt. 3048 m, 1993
432. *Cotoneaster yulingkongensis* Fryer et Hylmö CN-0-PLZEN-0342-12-40  
BG Strasbourg/ J. Fryer, 2001/ China, Sichuan,  
Kangting
433. *Geum canadense* Jacq. US-0-PLZEN-0419-13-10  
BG East Lansing/ USA, Michigan, Clinton Co.,  
42°47'52"N, 84°23'50"W, alt. 256 m, Woodland Trail  
to Bog, Place Name: Rose Lake Bog
434. *Geum magellanicum* Pers. AR-0-M-2002/0914  
BG München/ Argentina, Prov. Santa Cruz, Lago  
Argentino, Calafate, Peninsula Magallanes,  
50°29'09" S, 72°53'09" W, alt. 230 m
435. *Geum montanum* L. AT-0-PLZEN-0362-12-10  
Alpengarten Wien/ Austria, Steiermark, Rax-Alpe,  
alt. 1700 – 2000 m
436. *Geum pyrenaicum* Mill. FR-0-P-2007g032  
BG Paris/ France, Pyrenees (Hautes), Bagnères de  
Bigorre, La Mongie, rocks, acid
437. *Geum sylvaticum* Pourr. ES-0-B-0481980  
BG Berlin-Dahlem/ BG Basel/ Spain, Prov. Huesca,  
Pyrenees, San Juan de la Peña, alt. 950 m
438. *Physocarpus opulifolius* (L.) Maxim. US-0-PLZEN-3845-00-10  
BG East Lansing/ USA, Michigan, Midland, Burrow's  
Borrow Pit
439. *Potentilla argentea* L. FI-0-PLZEN-0367-13-10  
BG Turtu/ Finland, Varsinais-Suomi, Kustavi,  
Kaurissalo, Tiuttaalintie. 60° 37' N, 21° 17' E
440. *Potentilla arguta* Pursh CA-0-PLZEN-0752-06-50  
(= *Drymocallis arguta* (Pursh) Rydb.)  
BG Copenhagen/ Canada, British Columbia
441. *Potentilla brachypetala* Fisch. et C. A. Mey. ex Lehm. RU-0-PLZEN-0442-12-10  
BG Göteborg/ Russia, Karachayevo-Cherkessiya,  
Arkhyz, path to Sofia lakes, alt. 2100 - 2700 m
442. *Potentilla gracilis* Douglas ex Hook. US-0-PLZEN-0750-06-50  
BG Copenhagen/ USA, Colorado, El Paso Co.

443. *Potentilla fruticosa* L.  
(= *Dasiphora fruticosa* (L.) Rydb.)  
BG East Lansing/ USA, Michigan, Clinton Co.,  
42°47'41"N 84°23'01"W, alt. 256 m, Prairie Fen, Place  
Name: Rose Lake Fen US-0-PLZEN-0420-13-10
444. *Potentilla pulvinaris* Fenzl  
J.Plocar/ Turkey TR-0-PLZEN-1597-13-30
445. *Potentilla pyrenaica* Ramond ex DC.  
BG Giessen/ BG Paris/ France FR-0-GIESS-2003-J-398-2
446. *Potentilla rupestris* L.  
(= *Drymocallis rupestris* (L.) Soják)  
BG Berlin-Dahlem/ Turkey, Prov. Artvin, Kaçkar Mts.,  
alt. 2100 m, coll. Tolimir 1638 a TR-0-B-1975400
447. *Potentilla* sp.  
BG Copenhagen/ Mexico, Chihuahua, San Juanito,  
Los Robles MX-0-PLZEN-0751-06-50
448. *Potentilla speciosa* Willd.  
J.Plocar/ Macedonia, Bistra Planina MD-0-PLZEN-2154-15-30
449. *Rubus taiwanicola* Koidz. et Ohwi  
Taiwan, Siangyang Forest Recreation area, Southern  
Cross-Island Hwy, alt. 2400 m, coll. 27. 10. 2009,  
T. Peš CN-0-PLZEN-1887-09-10
450. *Rosa agrestis* Savi  
Czech Republic, W Bohemia, Hradec near Stod,  
forest-steppe vegetation between the road and track,  
coll. 6. 11. 2010, T. Peš CZ-0-PLZEN-1585-10-10
451. *Rosa arnoldii* Sumnev. ex Tkatsch.  
BG Strasbourg/ BG Tashkent/ Uzbekistan, 1989 UZ-0-PLZEN-0087-11-40
452. *Rosa majalis* Herrm.  
Dendrological Garden Průhonice/ Czech Republic,  
České středohoří, Milešovka, SW slope below the  
peak near path, on the rocky subsoil with *Vaccinium*  
*myrtillus*, coll. 1999, J. Žlebčík CZ-0-PLZEN-1832-13-30
453. *Rosa majalis* Herrm.  
Dendrological Garden Průhonice/ Czech Republic,  
Vlkov near Veselí nad Lužnicí, 100 m E of village,  
coll. 2000, J. Žlebčík CZ-0-PLZEN-1831-13-30

454. *Rosa micrantha* Borrer ex Sm. CZ-0-PLZEN-1586-10-10  
Czech Republic, W Bohemia, Hradec near Stod,  
forest-steppe vegetation between the road and track,  
coll. 6. 11. 2010, T. Peš
455. *Rosa micrantha* ssp. *chionistrae* (H. Lindb.) H. CY-0-PLZEN-1854-01-10  
Reichert et Hand.  
BG Nice/ Cyprus, Mt. Madhari, igneous rocks
456. *Rosa nutkana* C. Presl US-0-REYK-2009/002  
BG Reykjavik/ USA, Alaska, 13 miles NW of Haines,  
alt. 5 m, 1985
457. *Rosa oxyodon* Boiss. GE-0-REYK-2007/001  
BG Reykjavik/ Georgia, Caucasus, Gergeti, Sameba  
Church, alt. 2300 m
458. *Rosa ulozensis* nom. prov. SK-0-PLZEN-0309-13-40  
Arboretum Borová Hora/ Slovakia, found near Uloža,  
nom. prov. (with blue-grey leaves)
459. *Rosa virginiana* Mill. US-0-PLZEN-0904-04-40  
Arboretum Nový Dvůr/ Washington Park Arboretum/  
USA
460. *Sorbus americana* Marshall CA-0-PLZEN-0531-10-10  
Canada, Québec, MRC Matawinie, NP Mont-  
Tremblant, mixed forest, alt. ca 400 m, 46°20'N,  
74°31'W, Bailleul, 2009
461. *Sorbus forrestii* McAll. et Gillham CN-0-PLZEN-0014-10-10  
Arboretum Nový Dvůr 2039/ BG Ness/ China, NW  
Yunnan, Bei-ma-shan, 28°18'N, 99°10'E, alt. 3048 m,  
coll. 6/1921, Forrest 19583
462. *Sorbus gonggashanica* McAll. CN-0-PLZEN-3691-00-40  
Arboretum Nový Dvůr/ China, Sichuan, Gonggashan  
(Minya Konka), Liuba, Roy Lancaster
463. *Sorbus koehneana* C. K. Schneid. CN-0-PLZEN-0274-09-10  
BG Göteborg/ China, Shaanxi, Quin Ling Mts., Taibai  
Shan, alt. 2600 m, HeHeHe157
464. *Sorbus pogonopetala* Koehne CN-0-PLZEN-0053-07-40  
(= *S. koehneana* C. K. Schneid.)  
Arboretum Rogów/ China, Sichuan prov., Muli Kulu,  
alt. 3200 m

465. *Sorbus setschwanensis* (C. K. Schneid.) Koehne  
Arboretum Rogów/ China, Sichuan prov., Mt. Emei,  
1987 CN-0-PLZEN-0054-07-40
466. *Spiraea hypericifolia* L.  
BG Tübingen/ BG Potsdam 2004/ Russia, W Siberia,  
Salair Mts., SE Ursk RU-0-TUEB-2887
467. *Spiraea salicifolia* L.  
Czech Republic, Šumava Mts., Mrtvý luh,  
coll. 8. 11. 2009, T. Peš CZ-0-PLZEN-1715-09-10
- RUBIACEAE**
468. *Cephalanthus occidentalis* L.  
BG East Lansing/ USA, Michigan, Midland, West Side  
Cemetery US-0-PLZEN-3848-00-10
469. *Galium glaucum* L.  
Czech Republic, C Bohemia, near Beroun,  
coll. 27. 6. 2012, R. Matulová CZ-0-PLZEN-1415-12-20
470. *Galium odoratum* (L.) Scop.  
Czech Republic, C Bohemia, near Beroun,  
coll. 3. 7. 2012, R. Matulová CZ-0-PLZEN-1473-12-20
471. *Galium pinetorum* Ehrend. (= *G. estebanii* Sennen)  
BG Berlin-Dahlem/ Spain, Prov. Huesca, Pyrenees,  
Añisclo Gorge, calcareous, alt. 1900 m, coll. Ern et al.  
4133 ES-0-B-1423379
- SAXIFRAGACEAE**
472. *Astilbe chinensis* (Maxim.) Franch. et Sav.  
(= *A. rubra* Hook.f. et Thomson)  
BG Copenhagen/ Russia, Khabarovsk, Vyazemsky  
Distr. RU-0-PLZEN-0753-06-50
473. *Astilbe macroflora* Hayata  
Taiwan, Yushan NP, Tataka Recreation Area,  
Mt. Linjih Trailhead, alt. 2750 m, coll. 31. 10. 2009,  
T. Peš CN-0-PLZEN-1676-09-10
- SCROPHULARIACEAE**
474. *Buddleja alternifolia* Maxim.  
BG Praha-Troja/ China, Ningxia, Helan Shan,  
Suyukou Forest National Park, coll. P. Sekerka CN-0-PLZEN-1526-09-10
475. *Scrophularia alpestris* J. Gay ex Benth.  
BG Paris/ France, Pyrenees-Atlantiques, Eaux-  
Bonnes, Ley, alt. 1189 m, rocks, calcareous FR-0-P-2010g205

476. *Scrophularia juratensis* Schleich. ex Wydler  
(= *S. canina* ssp. *hoppii* (W.D.J.Koch) P.Fourn.)  
BG Klagenfurt/ Austria, Kärnten, Eisenkappel-  
Vellach/Želesna Kapla-Bela, Vellacher  
Kotschna/Belska Kočna, limestone scree, alt. 1380 m,  
N 46°23'05.8" E 14°34'21.2", coll. 4. 8. 2015,  
F. Schlatti AT-0-KL-2015/3595
477. *Scrophularia kakudensis* Franch.  
BG Jade/ Korea, Mt. Myeong Ji, alt. 1267 m KR-0-PLZEN-0127-12-10
478. *Scrophularia lateriflora* Trautv.  
BG Bonn/ Georgia, Shatili - Tbilissi, before the pass,  
rock wall, alt. 1700 m, 42°37.727 N, 45°07.619 O,  
coll. 4. 8. 2009, C. Lobin, W. Lobin,  
Z. Schewardnadse GE-0-BONN-3269
479. *Scrophularia nodosa* L. **W**  
Czech Republic, W Bohemia, S of Konstantinovy  
Lázně, 1,5 km N of Šipín, forest path,  
coll. 28. 9. 2017, R. Matulová CZ-0-PLZEN-2823-17-10
480. *Verbascum chaixii* Vill. ssp. *austriacum* Hayek  
BG Klagenfurt/ Austria, Kärntern, Klagenfurt-Land,  
St. Margarethen NW Keutschach, on the way to St.  
Margaretha-Church, alt. 600 m, 46°36'00.1"N,  
14°09'46.6"E AT-0-KL-2011/424
481. *Verbascum nevadense* Boiss.  
BG Göttingen/ BG Cordoba/ Spain, Sierra Nevada ES-0-PLZEN-0258-15-40
482. *Verbascum phoeniceum* L.  
Czech Republic, S Moravia, Bzenec, coll. 22. 7. 2013,  
T. Peš CZ-0-PLZEN-1144-13-10
483. *Verbascum thapsus* L. **W**  
Czech Republic, W Bohemia, 1 km NE of Dobřany,  
wayside, coll. 18. 11. 2017, R. Matulová CZ-0-PLZEN-2835-17-10
- SOLANACEAE**
484. *Atropa belladonna* L.  
Czech Republic, W Bohemia, 1 km S of Černošín,  
coll. 15. 7. 2015, R. Matulová CZ-0-PLZEN-2278-15-20
485. *Atropa belladonna* L.  
BG Geneva/ Switzerland, Valais, alt. 1335 m CH-0-G-20140987
486. *Physalis alkekengi* L.  
Planta Naturalis/ Czech Republic, N Bohemia, Sovice  
near Hošťka CZ-0-PLZEN-2257-15-30



**URTICACEAE**

487. *Parietaria officinalis* L. CZ-0-PLZEN-2203-15-30  
Planta Naturalis/ Czech Republic, C Bohemia, Bělá  
pod Bezdězem

**VERBENACEAE**

488. *Verbena hastata* L. US-0-PLZEN-0421-13-10  
BG East Lansing/ USA, Michigan, Clinton Co.,  
42°47'41"N, 84°23'01"W, alt. 256 m, Prairie Fen,  
Place Name: Rose Lake Fen

**XANTHORRHOEACEAE**

489. *Hemerocallis middendorffii* Trautv. et C. A. Mey. RU-0-PLZEN-0209-14-40  
BG Göttingen/ BG Salaspils/ Russia, E Sakhalin

490. *Hemerocallis middendorffii* var. *exaltata* (Stout) M. JP-0-PLZEN-1629-10-30  
Hotta  
A. Jasinski/ Tomas Tamberg collection/ Japan, Tobi  
Shima Island

491. *Hemerocallis minor* Mill. RU-0-OSN-2012-208  
BG Osnabrück/ Russia, S Siberia, Rep. Khakassia,  
Bogradskij Rajon, near Bograd, ca. 70 km NW  
of Abakan, meadow, steppe

492. *Hemerocallis thunbergii* Barr KR-0-PLZEN-0822-03-10  
BG Pyung Gang/ Korea, Jeju-do

**XYRIDACEAE**

493. *Xyris* sp. MY-0-PLZEN-2606-15-30  
BG Praha-Troja/ Malaysia, Sarawak, Kelabit  
Highlands, Bareo, coll. 2009, V. Rybka

**DESIDERATA**

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**Non IPEN members please sign the “Agreement on the supply of living plant material”.**

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## **Agreement on the supply of living plant material<sup>1</sup> for non-commercial purposes leaving the International Plant Exchange Network (IPEN)**

Against the background of the provisions and decisions of the Convention on Biological Diversity of 1992 (CBD) and in particular those on access to genetic resources and benefit-sharing, the garden is dedicated to promoting the conservation, sustainable use, and research of biological diversity. The garden therefore expects its partners in acquiring, maintaining, and transferring plant material to always act in accordance with the CBD and the Convention on the International Trade in Endangered Species (CITES).

The responsibility for legal handling of the plant material passes on to the recipient upon receipt of the material. The requested plant material will be supplied to the recipient only on the following conditions:

1. Based on this agreement, the plant material is supplied only for non-commercial use such as scientific study and educational purposes as well as environmental protection. Should the recipient at a later date intend a commercial use or a transfer for commercial use, the country of origin's prior informed consent (PIC) must be obtained in writing before the material is used or transferred. The recipient is responsible for ensuring an equitable sharing of benefits.
2. On receiving the plant material, the recipient endeavours to document the received plant material, its origin (country of origin, first receiving garden, "donor" of the plant material, year of collection) as well as the acquisition and transfer conditions in a comprehensible manner.
3. In the event that scientific publications are produced based on the supplied plant material, the recipient is obliged to indicate the origin of the material (the supplying garden and if known the country of origin) and to send these publications to the garden and to the country of origin without request.
4. On request, the garden will forward relevant information on the transfer of the plant material to the body charged with implementing the CBD.
5. The recipient may transfer the received plant material to third parties only under these terms and conditions and must document the transfer in a suitable manner.

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I accept the above conditions.

Date, signature, recipient's name and address, stamp

<sup>1</sup> According to the CBD "genetic resources" means genetic material of actual or potential value. This definition covers both living and not living material. The Code of Conduct and the IPEN covers only the exchange of living plant material (living plants or parts of plants, diaspores) thus falling in the definition of genetic resources.