

**NATIONAL ACADEMY OF SCIENCES OF  
UKRAINE  
M. G. KHOLODNY INSTITUTE OF BOTANY**

**Liudmyla V. Zavyalova**

**A CHECKLIST  
OF CHERNIHIV URBAN FLORA**



**Kyiv  
2010**

**NATIONAL ACADEMY OF SCIENCES OF  
UKRAINE  
M. G. KHOLODNY INSTITUTE OF BOTANY**

**Liudmyla V. Zavyalova**

**A CHECKLIST  
OF CHERNIHIV URBAN FLORA**

**Kyiv  
Phytosociocenter – 2010**

UDK 581.9 (477.51)  
BBK 28.592  
Z13

Zavyalova L.V. A Checklist of Chernihiv urban flora. – Kyiv: Phytosociocenter, M.G. Kholodny Institute of Botany, National Academy of Sciences of Ukraine, 2010. – 107 p.

The inventory of the urban flora of the town of Chernihiv (Forest zone of Ukraine) is presented. A checklist of this urban flora contains 1050 species of vascular plants. For each species, the fraction of flora (indigenous versus alien species) is indicated. Other characters: life forms, ecological groups in relation to water requirements of the taxa, data of their distribution and confinedness to the city zones are presented.

Scientific editor: Dr. Myroslav Shevera,  
M. G. Kholodny Institute of Botany, NAS of Ukraine.

Reviewers:

Prof. Dr. Vira Protopopova, M. G. Kholodny Institute of Botany, NAS of Ukraine,

Prof. Dr. Volodymyr Solomakha, Taras Shevchenko Kyiv National University.

Recommended by Scientific Council of  
M.G. Kholodny Institute of Botany, NAS Ukraine

**ISBN 978-966-306-153-5**

© M.G. Kholodny Institute of Botany, NAS Ukraine  
& Phytosociocenter, 2010

## **INTRODUCTION**

### ***Location of the Town***

Chernihiv is situated in the Forest zone of Ukraine on the right bank of the Desna River. It's geographical position is 48°37' N 22°18' E. The area of the city occupies 78 square km, the population is 299,0 thousand inhabitants. It is an administrative, transport, social and economic center of the Chernihiv region. Chernihiv is one of the oldest cities in Ukraine. It was founded in the VII-VIII century A.D.

### ***A Brief Historical Overview of the Town***

At the Kiev Rus time (historical period from the IX to first half of XIII century A.D.) it was the second significant city after Kiev. Complicated history of the Chernihiv city influenced the development of the urban flora. Chernihiv traded with Caucasus, Byzantium, Mediterranean countries, which contributed to deliberate or unintentional introduction of different plant species which enriched the urban flora. In different historical periods the city was under authority of different countries (Poland, Lithuania, Russia, Germany), which influenced negatively on its development (frequent wars caused nearly total destruction of the city). In fact, the natural forest fragments had not preserved on the territory of the city, this is to say that almost all forest fragments are plantations of forest parks or parks. It is notable that most of these plantations were the species of the native flora but with different nonnative species which were naturalized later. As a result of the special study of the Chernihiv urban flora 1050 plant species which occur spontaneously within the administrative borders of the city have been found. Almost a fourth of the total species number is comprised by the species of alien fraction.

### ***Materials and methods***

The research of the alien plants species of the city of Chernihiv was carried out in 2001-2007. Researches were executed by the field survey method and comparative taxonomical, geographical method of study. Other used sources of data were: literature and herbarium collections (M.G. Kholodny Institute of

Botany NAS of Ukraine (*KW*), T.G. Shevchenko Chernihiv Pedagogical University). While carrying out the immigration analyses of the alien fraction of the urban flora of Chernihiv, the classification of alien plants (Kornaś, 1968) modified by V. Protopopova, the classification of apophytes by V. Protopopova, (Protopopova, 1991) are used.

### ***Supplement***

Order of taxa and the taxa names are given according to “Vascular plants of Ukraine. A nomenclatural checklist” (Mosyakin & Fedoronchuk, 1999) with some changes according to Ecoflora of Ukraine (Vol. I-III, V) (Didukh et al., 2000; Didukh et al., 2002; Fedoronchuk, Didukh, 2004; Ilijnska et al., 2007), “Vascular plants of the Southeast of Ukraine” (Ostapko, Boiko, Mosyakin, 2010) and the most recent taxonomic publications. For some species synonyms are provided. Standard taxonomic abbreviations are used in the checklist.

In the checklist of the Chernihiv urban flora we have used the following categories: life forms (Raunkiaer, 1934), ecological group in relation to water requirements, formula of species area, group of synantropic plants (Protopopova, 1991), confinedness to the city zones (urban or suburban zone), conservation status of protected species (Red Data Book of Ukraine, 2009; European Red List; IUCN Red List of Threatened Plants; The List of Rare species of Chernihiv region), herbarium access number (herbarium collections of the author, submitted to the Herbarium *KW* of M.G. Kholodny Institute of Botany NAS of Ukraine ).

### *Acknowledgements*

Author is grateful to Prof. Vira V. Protopopova, Prof. Sergei L. Mosyakin, Prof. Volodymyr A. Solomakha, Dr. Myroslav V. Shevera, Dr. Iryna A. Korotchenko for comments of the manuscript. I would also like to thank Dr. Sc. Mykola M. Fedoronchuk, Dr. Antonina P. Ilijnska, Dr. Ivan M. Danylyk and Dr. Iryna O. Bednars'ka (Institute of Ecology of the Carpathians, NAS of Ukraine, L'viv), Dr. Lyubov M. Gubar', Dr. Igor G. Olshans'kij, Olga M. Korniyenko, Svitlana I. Antonenko, Nataliya G. Dremluga and Alisa V. Shumilova for help with determination and critical revision of taxa. I also grateful to Olga Kornienko for linguistic corrections.

# A CHECKLIST OF CHERNIHIV URBAN FLORA

## Lycopodiophyta

### Lycopodiaceae

1. *Lycopodium annotinum* L.

Chamaephyte, mesophyte, sm/mo-temp-arct'oz1-3 CIRC POL, suburban zone, RDBU.

2. *Lycopodium clavatum* L.

Chamaephyte, mesophyte, (m)/mo-sm/mo-temp-b'oz1-3 CIRC POL, suburban zone.

## Equisetophyta

### Equisetaceae

3. *Equisetum arvense* L.

Geophyte, xeromesophyte, hemiapophyte, (m)/mo-sm-arct'oz(1)-3-k1 CIRC POL, urban & suburban zones.

*E. arvense* L. var. *nemorosum* A. Br.

4. *Equisetum fluviatile* L.

Hydrophyte, hygrophyte, sm-b.oz1-3 CIRC POL, suburban zone.

5. *Equisetum palustre* L.

Geophyte, hygrophyte, m/mo-sm/mo-temp-b'oz(1)-3 CIRC POL, suburban zone.

6. *Equisetum pratense* L.

Geophyte, hygromesophyte, sm/mo-b'(k) (1-3) CIRC POL, urban & suburban zones, KW: № 072706, № 072707.

7. *Equisetum sylvaticum* L.

Geophyte, hygromesophyte, sm/mo-temp-b'oz1-3 CIRC POL, suburban zone.

8. *Hippochaete hyemalis* (L.) Bruhin (*Equisetum hyemale* L.)

Chamaephyte, hygromesophyte, m/mo-sm/mo-temp-(b)'(oz (1)-3)  
CIRCPOL, suburban zone, RR.

9. *Hippochaete ramosissima* (Desf.) Bömer (*Equisetum ramosissimum* Desf.)  
Geophyte, mesophyte, austr-strop/disj AFR-m-sm-(temp)'k1-3  
EURAS, occasional apophyte, urban & suburban zones.

## Polypodiophyta

### Athyriaceae

10. *Athyrium filix-femina* (L.) Roth  
Hemicryptophyte, hygromesophyte, subtrop/mo disj + m/mo-  
sm'(oz1-3)-temp-b CIRCPOL, suburban zone.

### Cystopteridaceae

11. *Cystopteris fragilis* (L.) Bernh.  
Hemicryptophyte, mesophyte, austr-trop/mo'oz1-3-temp-arct CIRCPOL,  
suburban zone, RR.

12. *Gymnocarpium dryopteris* (L.) Newman  
Geophyte, hygromesophyte, (m/mo-sm/mo)'(oz1-3)-temp-b-(arct)  
CIRCPOL, suburban zone, RR.

### Dryopteridaceae

13. *Dryopteris carthusiana* (Vill.) H.P. Fushs  
Hemicryptophyte, hygromesophyte, sm/mo-temp-(b)'oz1-3 EUR-  
SIB+O(W) AM, suburban zone.

14. *Dryopteris cristata* (L.) A. Gray  
Hemicryptophyte, hygromesophyte, (sm)/mo-temp-(b)'oz (1)-3 EUR-  
WSIB + OAM, suburban zone, RR.

15. *Dryopteris filix-mas* (L.) Schott  
Hemicryptophyte, mesophyte, aust-trop/mo disj Am + m/mo-temp-  
(b)'oz1-3 CIRCPOL, suburban zone.

16. *Polystichum aculeatum* (L.) Roth



Hemicryptophyte, mesophyte, m/mo-sm/mo-temp'oz1-2 EUR-OAS-(WAM), suburban zone, RR.

### **Hypolepidaceae (Dennstaedtiaceae s.l.)**

17. *Pteridium pinetorum* C.N. Page & R.R. Mill. (*P. aquilinum* (L.) Kuhn)  
Geophyte, hygromesophyte, austr-boreostrop/mo-hum-m-(b)'(oz1-3)  
CIRCPOL, suburban zone.

### **Onocleaceae**

18. *Matteuccia struthiopteris* (L.) Tod.  
Hemicryptophyte, hydromesophyte, sm/mo-temp/demo-(b)'oz (1)-3  
CIRCPOL, suburban zone, RR.

### **Polypodiaceae**

19. *Polypodium vulgare* L.  
Hemicryptophyte, mesophyte, austr AFR + KERGUELEN + m/mo-sm-(b)'oz1-3 CIRCPOL, suburban zone, RR.

### **Salviniaceae**

20. *Salvinia natans* (L.) All.  
Hydrophyte, hydrophyte, strop OAS-m-sm-(temp)'oz2-3 EURAS,  
suburban zone, RDBU.

### **Thelypteridaceae**

21. *Thelypteris palustris* Schott  
Geophyte, hygrophyte, austr + trop/mo disj CIRCPOL + (m)/mo-sm-temp-(b)'oz1-3 EURAS + OAM, suburban zone.

### **Pinophyta**

## Cupressaceae

22. *Juniperus communis* L.

Phanerophyte, mesophyte, (m)/mo-sm'oz(1)-3-temp-b-(arct).k1-3 CIRCPOl, urban & suburban zones.

## Pinaceae

23. *Pinus sylvestris* L.

Phanerophyte, mesophyte, sm/mo-temp-(b)k1-3 EURAS, urban & suburban zones.

24. *Picea abies* (L.) H.Karst.

Phanerophyte, mesophyte, (sm)/mo-temp/mo-b'k2-3 EUR, urban & suburban zones.

## Magnoliophyta

### Liliopsida

#### Acoraceae

25. *Acorus calamus* L.

Helophyte, hygrophyte, tropOAS-(m)/mo-sm-temp-b'oz2-3 EURAS+OAM, archaeophyte, suburban zone.

#### Alismataceae

26. *Alisma gramineum* Lej. (*Alisma loeselli* Gorski)

Geophyte, hydrohygrophyte, (m)-sm-temp'k(1)-3 CIRCPOl, suburban zone.

27. *Alisma lanceolatum* With.

Geophyte, hydrohygrophyte, m-sm-stemp'ozl-3 EUR-WAS, suburban zone.

28. *Alisma plantago-aquatica* L.

Geophyte, hydrohygrophyte, austrAUST+AM-m-sm-temp-b'oz(1)-3 CIRCPOl, occasional apophyte, suburban zone, KW: № 064918, 072708.

29. *Sagittaria sagittifolia* L.

Hydrophyte, hydrophyte, m-sm-temp-(b)'oz2-3 EUR-WAS, suburban zones.

## **Alliaceae**

30. *Allium angulosum* L. (*Allium acutangulum* Schred.)

Geophyte, hygromesophyte, sm-temp'k1-(3) EUR-WSIB, suburban zones, KW: № 080491, № 080490, № 080489, № 067238.

31. \**Allium cepa* L.

Geophyte, mesophyte, m'k1-2 MAS, kenophyte, urban & suburban zones.

32. *Allium oleraceum* L.

Geophyte, mesophyte, (sm)-temp-(b)'oz(1)-3 EUR, occasional apophyte, urban & suburban zones, KW: № 080492.

33. \**Allium sativum* L.

Geophyte, mesophyte, m'k2 WAS, kenophyte, urban & suburban zones.

34. *Allium scorodoprasum* L.

Geophyte, mesophyte, sm-temp'k(2)-3 EUR, suburban zone.

35. *Allium vineale* L.

Geophyte, mesophyte, (m)/mo-sm-temp'oz1-(3) EUR, suburban zone.

## **Amaryllidaceae**

36. *Galanthus nivalis* L.

Geophyte, mesophyte, m/mo-sm-(temp)'oz2-(3) EUR, suburban zone.

## **Asparagaceae**

37. *Asparagus officinalis* L.

Geophyte, mesophyte, (m)-sm-temp'k1-3 EUR-WAS, suburban zone.

## Butomaceae

38. *Butomus umbellatus* L.

Geophyte, hygrophrophyte, m-sm-temp-(b)k(1)-3 EURAS, suburban zone, KW: № 065810.

## Convallariaceae

39. *Convallaria majalis* L.

Geophyte, mesophyte, sm/mo-temp-(b)oz1-3 EUR+OAS, suburban zone.

40. *Majanthemum bifolium* (L.) F. W. Schmidt

Geophyte, mesophyte, (sm)/mo-temp-b'(k1-3) EURAS, suburban zone.

41. *Polygonatum multiflorum* (L.) All.

Geophyte, mesophyte, (m)/mo-sm/mo-temp'oz(1)-3 EUR-(AS), suburban zone.

42. *Polygonatum odoratum* (Mill) Druce

Geophyte, mesophyte, (m)/mo-sm-temp(oz(1)-3) EUR-SIB, suburban zone, KW: № 0804595.

## Cyperaceae

43. *Bllysmus compressus* (L.) Panz. ex Link

Hemicryptophyte, mesohygrophyte, (m)/mo-sm/mo-temp'oz(1)-3 EUR-WAS, suburban zone.

44. *Bolboschoenus maritimus* (L.) Palla

Hemicryptophyte, hygrophrophyte, austrAUST-tropAFR+IND-m-sm-temp'oz1-3-k1 EURAS, suburban zone.

45. *Carex acuta* L.

Hemicryptophyte, hygrophrophyte, (m)/mo-sm/mo-temp-b'k1-3 EUR-SIB, suburban zone, KW: № 064422, 064421, 064442, 064443.

46. *Carex acutiformis* Ehrh.

Hemicryptophyte, hygrophrophyte, m/mo-sm-temp'oz1-3 EUR-WAS, suburban zone, KW: № 064452, 064453, 064454.

47. *Carex appropinquata* Schum.

- Hemicryptophyte, hygrophyte, (sm)/mo-temp-(b)k2-3 EUR-WAS, suburban zone.
48. *Carex brizoides* L.  
Hemicryptophyte, mesophyte, (sm)/mo-temp'oz2 EUR, suburban zone, RR.
49. *Carex caespitosa* L.  
Hemicryptophyte, hygrophyte, (sm)/mo-temp-b'k1-3 EURAS, suburban zone.
50. *Carex canescens* L. (*Carex cinerea* Pollich)  
Hemicryptophyte, hygrophyte, antarct+austr AM+AUST+trop OAS+sm/mo-temp-b-(arct) CIRCPOL, suburban zone.
51. *Carex caryophyllea* Latourr.  
Hemicryptophyte, xeromesophyte, sm/mo-temp'oz1-3 EUR-WSIB, suburban zone.
52. *Carex colchica* J.Gay (*Carex ligerica* J.Gay)  
Hemicryptophyte, xeromesophyte, sm-(temp)'k(1)-2 EUR (\*), suburban zone.
53. *Carex contigua* Hoppe (*Carex spicata* Huds.)  
Hemicryptophyte, mesohygrophyte, (m)/mo-sm/mo-temp'oz(1)-3 EUR-(WAS), suburban zone, KW: № 064455.
54. *Carex diandra* Schrank  
Hemicryptophyte, hygrophyte, austr Neuseel+(sm)/mo-temp-b'(k1-3) CIRCPOL, suburban zone.
55. *Carex digitata* L.  
Hemicryptophyte, mesophyte, sm/mo-temp-(b)'oz(1)-3 EUR+(OAS), suburban zone.
56. *Carex disticha* Huds. (*Carex intermedia* Good.)  
Hemicryptophyte, mesohygrophyte, (m)/mo-(sm)-temp'oz1-3 EUR-SIB, suburban zone, KW: № 064430.
57. *Carex divulsa* Stokes  
Hemicryptophyte, mesophyte, m/mo-sm-(temp)'oz1-(3) EUR, suburban zone, KW: № 064429.
58. *Carex echinata* Murray  
Hemicryptophyte, austrAUST+boreotrop/moAM+m/mo-sm/mo-temp-b'oz1-3 CIRCPOL, mesohygrophyte, suburban zone.
59. *Carex elata* All.

- Hemicryptophyte, hygrophyte, sm/mo-temp'oz1-2 EUR, suburban zone.
60. *Carex elongata* L.  
Hemicryptophyte, hygrophyte, (sm)/mo-temp-(b)'oz(1)-3 EUR-WSIB, suburban zone.
61. *Carex ericetorum* Pollich  
Hemicryptophyte, mesophyte, (sm)/mo-temp-(b)'oz(1)-3 EUR-WSIB, suburban zone.
62. *Carex flava* L.  
Hemicryptophyte, mesohygrophyte, (m)/mo-sm/mo-temp-b'oz1-(3) EUR-(WAS)+AM, suburban zone.
63. *Carex hirta* L.  
Hemicryptophyte, mesophyte, (m)-sm-temp'oz1-3 EUR, hemiapophyte, urban & suburban zones, KW: № 064418, 064419, 064420, 064428, 064431, 064432, 064433, 064434, 064436, 064437, 064439, 064440, 064441, 064445, 064447, 064448.
64. *Carex humilis* Leys.  
Hemicryptophyte, xeromesophyte, sm-(temp)'oz2-3 disj EURAS, suburban zone.
65. *Carex lasiocarpa* Ehrh.  
Hemicryptophyte, mesophyte, temp-b'oz1-3 CIRCPOL, urban & suburban zones
66. *Carex leporina* L.  
Hemicryptophyte, mesophyte, (m)/mo-sm/mo-temp-b'oz1-3 EUR-(WSIB), hemiapophyte, urban & suburban zones, KW: № 080587.
67. *Carex montana* L.  
Hemicryptophyte, xeromesophyte, sm/mo-temp-(b)'oz2-3 EUR+OAS, suburban zone.
68. *Carex muricata* L.  
Hemicryptophyte, hygromesophyte, m/mo-sm-temp'oz1-3 EUR-(WAS), urban & suburban zones.
69. *Carex nigra* (L.) Reichard (*Carex vulgaris* L.)  
Hemicryptophyte, hygrophyte, sm/mo-temp-b-(arct)'oz1-3 EUR-(WAS)+(OAM), suburban zone, KW: № 064435, 064438, 064450.
70. *Carex otrubae* Podp.  
Hemicryptophyte, hygromesophyte, sm-temp'oz1-2 EUR, suburban zone, KW: № 064460.

71. *Carex pallescens* L.  
Hemicryptophyte, mesophyte, m/mo-(b)oz1-3 EUR-WSIB+(OAM), suburban zone.
72. *Carex panicea* L.  
Hemicryptophyte, hygrophyte, (m/mo-sm/mo)-temp-(b)oz1-3 EUR-(WAS)+(OAM), suburban zone.
73. *Carex pilosa* Scop.  
Hemicryptophyte, mesophyte, sm/mo-temp(oz2-3) EURAS, urban & suburban zones.
74. *Carex praecox* Schreb  
Hemicryptophyte, xeromesophyte, (sm)/mo-temp-b'k(1)-3 EURAS, urban & suburban zones, KW: № 064444, 064446, 064449, 064451, 064461.
75. *Carex pseudocyperus* L.  
Hemicryptophyte, austr-austrop/moAM+OAS+AUST+m-sm-temp'oz1-3 CIRC POL, hygrophyte, suburban zone.
76. *Carex remota* L.  
Hemicryptophyte, hygromesophyte, (m)/mo-sm/mo-temp'oz1-(3) EUR+OAS, suburban zone.
77. *Carex riparia* Curtis  
Hemicryptophyte, hygrophyte, austrAM+(m)-sm-temp'oz1-3 EUR-WAS+OAS+OAM, suburban zone.
78. *Carex rostrata* Stokes  
Hemicryptophyte, hygrophyte, sm/mo-temp-b'oz1-3 CIRC POL, suburban zone.
79. *Carex vesicaria* L.  
Hemicryptophyte, hygrophyte, sm/mo-temp-b'oz1-3 CIRC POL, suburban zone.
80. *Carex vulpina* L.  
Hemicryptophyte, hygrophyte, m-sm-temp'oz1-3 EUR-WAS, urban & suburban zones, KW: № 64424, 064425, 064426, 064427, 064457, 064458, 064459.
81. *Cyperus fuscus* L.  
Hemicryptophyte, mesohygrophyte, strop-m-sm-temp'oz2-3 EURAS, suburban zone.
82. *Cyperus michelianus* (L.) Link

- Hemicryptophyte, mesohygrophyte, austr-boreostop.hum disj AFR+AS+AUST-m-sm-(temp)oz2-3 EURAS, suburban zone.
83. *Eleocharis acicularis* (L.) Roem.and Schult.  
Hemicryptophyte, austrAUST+boreostrop/moOAS+AM+(m)/mo-sm/mo-temp-b-(arct)(oz1-3) CIRCPOl, hygrophyte, suburban zone.
84. *Eleocharis palustris* (L.) Roem.and Schult.  
Hemicryptophyte, hygrophyte, austrAFR+AUST+AM+trop/moAFR-m/mo-sm-temp-b'oz1-3 CIRCPOl, suburban zone, KW: № 064417, 064423, 080585.
85. *Eleocharis uniglumis* (Link) Schult.  
Hemicryptophyte, hygrophyte, austrAUST+trop/moAM+OAS+(m/mo-sm/mo)-temp-b(k1-3)+lit CIRCPOl, suburban zone, KW: № 064456.
86. *Juncellus pannonicus* (Jacq.) Clarke  
Therophyte, hygromesophyte, m-sm'k(1)-2 disj EURAS, occasional apophyte, urban & suburban zones, KW: № 076071.
87. *Pycreus flavescens* (L.) P. Beauv. ex Rchb.  
Therophyte, mesohygrophyte, austrAUST+strop/mo AFR+AM+m/mo-sm/mo-temp-b'oz1-3-k1 CIRCPOl (\*), suburban zone.
88. *Schoenoplectus lacustris* L. (*Scirpus lacustris* L.)  
Hemicryptophyte, hydrohygrophyte, m-sm-temp-b'oz1-3 EUR-SIB, suburban zone.
89. *Schoenoplectus tabernaemontani* C.C.Gmel. (*Scirpus tabernaemontani* C.C.Gmel.)  
Hemicryptophyte, hydrohygrophyte, strop-OAS+m-sm-temp-b'k(1)-3+lit EURAS, suburban zone, KW: № 080586.
90. *Scirpus sylvaticus* L.  
Hemicryptophyte, sm/mo-temp-(b)oz(1)-3 EURAS, hydrohygrophyte, suburban zone, KW: № 080584.

## Hemerocallidaceae

- 91.\**Hemerocallis lilioasphodelus* L.  
Hemicryptophyte, hygromesophyte, sm-(temp) EUR disj+SIB-OAS, kenophyte, urban & suburban zones.

## Hydrocharitaceae



92. *Elodea canadensis* Michx.

Hydrophyte, hydrophyte, (m)-sm-temp'(oz1-3) AM, kenophyte, suburban zone.

93. *Hydrocharis morsus-ranae* L.

Helophyte, hydrophyte, (sm)-temp-(b)'oz(1)-3 EUR-WSIB, suburban zone.

94. *Stratiotes aloides* L.

Helophyte, hydrophyte, (sm)-temp-(b)'k(2)-3 EUR-WSIB, suburban zone.

## Iridaceae

95. *Iris pseudacorus* L.

Geophyte, hygrophrophyte, m-temp-(b)'(oz1-3) EUR-(WSIB), suburban zone.

96. *Iris sibirica* L.

Geophyte, hygromesophyte, (sm)-temp'(k2-3) EUR-WSIB, suburban zone, RR.

97. *Sisyrinchium septentrionale* Bicknell ~ *Sisyrinchium bermudiana* aggr.

Geophyte, hygromesophyte, m-temp-(b) AM, kenophyte, suburban zone.

## Juncaceae

98. *Juncus alpinoarticulatus* Chaix

Hemicryptophyte, hygromesophyte, urban & suburban zones, KW: № 072548, 072546, 072545, 072544.

99. *Juncus articulatus* L.

Hemicryptophyte, mesohygrophyte, m/(mo)-temp-(b)'oz1-3 EURAS+(AM), urban & suburban zones, KW: № 072542, 072543.

100. *Juncus atratus* Krock.

Hemicryptophyte, mesohygrophyte, (m)-sm-temp'k1-2 EUR-WSIB, urban & suburban zones, KW: № 072549.

101. *Juncus bufonius* L.

Therophyte, mesohygrophyte, antarct-boreostrop.semihum disj-m-b CIRC POL, suburban zone.

102. *Juncus compressus* Jacq.

Hemicryptophyte, mesohygrophyte, sm-temp-(b)·oz1-3 EUR-WAS, urban & suburban zones, KW: № 072540, 072541, 072547; 076073; 076074; 076075; 076076; 076077; 076078; 076079.

103. *Juncus conglomeratus* L.

Hemicryptophyte, mesohygrophyte, (m)/mo-sm-temp-(b)·oz1-3 EUR, suburban zones, KW: № 070460, 070463.

104. *Juncus effusus* L.

Hemicryptophyte, mesohygrophyte, austr-trop/mo disj+m-temp-(b)·oz1-3 CIRCPOl, suburban zone, KW: № 067222, 070462.

105. *Juncus gerardii* Loisel.

Hemicryptophyte, hygromesophyte, m-temp-(b)·k1-3 EUR-WAS+m-b.lit EUR-OAM-(WAM), suburban zone.

106. *Juncus inflexus* L.

Hemicryptophyte, mesohygrophyte, m-temp·(oz1-3) EUR-WAS, suburban zone.

107. *Juncus ranarius* Songeon et E.P. Perrier (*Juncus ambiguous* auct. non Guss.)

Therophyte, mesohygrophyte, suburban zone.

108. *Juncus tenuis* Willd.

Hemicryptophyte, hygromesophyte, austr-austrop/alp+m-temp-(b)·oz1-3 AM, kenophyte, urban & suburban zones, KW: № 070458, 070459, 070461, 070464.

109. *Luzula campestris* (L.) DC.

Hemicryptophyte, mesophyte, m/mo-sm-temp·oz1-(3) EUR, suburban zone.

110. *Luzula multiflora* (Ehrh.) Lej.

Hemicryptophyte, mesophyte, antarct CIRCPOl+austr AUST+AM+trop/mo AS+AM+m/mo-sm/mo-arct CIRCPOl, suburban zone.

111. *Luzula pallescens* Sw. (*Luzula pallidula* Kirschner)

Hemicryptophyte, hygromesophyte, urban & suburban zones, KW: № 076072.

112. *Luzula pilosa* (L.) Willd.

Hemicryptophyte, mesophyte, sm/mo-temp-b·oz1-3 EUR-WSIB, urban & suburban zones.

## Juncaginaceae

113. *Triglochin palustre* L.

Geophyte, mesohydrophyte, austr-austrop.hum SAM-Neuseel+m/mo-sm/mo-temp-b-(arct) CIRC POL, suburban zone.

## Lemnaceae

114. *Lemna gibba* L.

Hydrophyte, hydrophyte, austr-strop/mo disj-m-(temp)'oz(1)-3 EUR-WAS+AFR+WAM, suburban zone.

115. *Lemna minor* L.

Hydrophyte, hydrophyte, austr AUST+strop AM+OAFR+(OAS)+m-temp-(b)'(oz1-3) CIRC POL, urban & suburban zones.

116. *Lemna trisulca* L.

Hydrophyte, hydrophyte, austr AUST+strop AM+OAS+(m)-temp-(b)'(oz1-3) CIRC POL, urban & suburban zones, KW: № 067040.

117. *Spirodela polyrrhiza* (L.) Schleidt. (*Lemna polyrrhiza* L.)

Hydrophyte, hydrophyte, austr.(hum) AUST-trop+(m)-temp'(oz(1)-3) CIRC POL, urban & suburban zones.

## Liliaceae

118. *Gagea erubescens* Schult.f. (*Gagea erubescens* Ker Gawl.)

Geophyte, mesophyte, sm-temp'(oz2-3) EUR, suburban zone.

119. *Gagea lutea* (L.) Ker Gawl.

Geophyte, mesophyte, (m)/mo-sm/(mo)-temp-(b)'oz(1)-3 EURAS, urban & suburban zones.

120. *Gagea minima* Ker Gawl.

Geophyte, mesophyte, sm-temp'k(k(2)-3) EUR-(WSIB), occasional apophyte, urban & suburban zones, KW: № 080497, 080496.

121. *Gagea paczoskii* (Zapał.) Grossh. ~ *Gagea transversalis* aggr.

Geophyte, mesophyte, sm'(k2) EUR E, urban & suburban zones.

122. *Gagea pratensis* (Pers.) Dumort. (*Gagea stenopetala* Rchb.)

Geophyte, mesophyte, sm-temp'(oz2-3) EUR, archaeophyte, urban & suburban zones.

123. *Gagea pusilla* (F.W. Schmidt) Schult. et Schult. f.

Geophyte, mesophyte, sm'k2-3 EUR-(WAS), occasional apophyte, urban & suburban zones.

## Orchidaceae

124. *Anacamptis coriophora* (L.) R.M. Bateman, Pridgeon et M.W. Chase (*Orchis coriophora* L.)

Geophyte, mesohygrophyte, m-sm-(temp)'oz(1)-3 EUR, suburban zone, RDBU.

125. *Dactylorhiza fuchsii* (Druce) Soó

Geophyte, mesohygrophyte, sm/mo-temp-b'oz(1)-3 EUR-SIB, suburban zone, RDBU.

126. *Dactylorhiza incarnata* (L.) Soó

Geophyte, mesohygrophyte, sm/mo-temp-b'(oz1-3) EUR-WAS, suburban zone, RDBU.

127. *Epipactis helleborine* (L.) Crantz

Geophyte, mesophyte, m/mo-sm-temp-(b)'oz1-3 EUR-WAS, suburban zone, RDBU.

## Poaceae

128. *Agropyron pectinatum* (M. Bieb.) P. Beauv.

Hemicryptophyte, xeromesophyte, (m)-sm-temp'k(1)-3-oz1 EURAS (\*), urban zone.

129. *Agrostis canina* L.

Hemicryptophyte, mesohygrophyte, (m)/mo-sm/mo-temp-b-(arct)'(oz1-3) EURAS-(OAM), urban & suburban zones

130. *Agrostis capillaris* L. (*Agrostis tenuis* Sibth.)

Hemicryptophyte, hygromesophyte, sm/mo-temp-b'oz1-3 EUR-WSIB, urban & suburban zones, KW: № 079617, 079636, 079635, 080448.

131. *Agrostis gigantea* Roth

Hemicryptophyte, mesophyte, sm-temp'oz1-3 EUR, hemiapophyte, suburban zone, KW: № 079626.

132. *Agrostis stolonifera* L.

Hemicryptophyte, mesohygrophyte, m/mo-temp-b-(arct)'(oz1-3) EUR-WAS, suburban zone.

133. *Alopecurus aequalis* Sobol.

Therophyte, hygrophyte, (m)/mo-sm-b-(arct) (oz1-3) CIRCPO, suburban zone.

134. *Alopecurus geniculatus* L.  
 Therophyte, hygrophyte, sm-temp-(b)oz1-(3) EUR, suburban zone,  
 KW: № 076148, 076152, 076153.
135. *Alopecurus pratensis* L.  
 Hemicryptophyte, hygromesophyte, (m)/mo-sm/mo-temp-b (k(1)-3)  
 EUR-WSIB, urban & suburban zones, KW: № 076147, 076234.
136. *Anisantha sterilis* (L.) Nevski  
 Therophyte, xeromesophyte, archaeophyte, urban & suburban zones,  
 KW: № 076122, 076121; 076247; 076263; 079609.
137. *Anisantha tectorum* (L.) Nevski  
 Therophyte, xeromesophyte, m-sm-temp'k1-3 EUR-WAS, urban &  
 suburban zones, archaeophyte, KW: № 080460.
138. *Anthoxanthum odoratum* L.  
 Hemicryptophyte, mesophyte, (m)/mo-sm/(mo)-temp-b'oz1-3 EUR-  
 (WAS), suburban zone.
139. *Apera spica-venti* (L.) P. Beauv.  
 Therophyte, mesophyte, (sm)-temp-(b)oz(1)-3 EUR-WSIB,  
 archaeophyte, urban & suburban zones.
140. *Arrhenatherum elatius* (L.) J. Presl. & C. Presl.  
 Hemicryptophyte, mesophyte, (m)/mo-sm/mo-temp'oz1-(3) EUR,  
 suburban zone, KW: № 080452, 080453, 080454.
141. *Avena sativa* L.  
 Therophyte, mesophyte, kenophyte, urban & suburban zones.
142. *Avenella flexuosa* (L.) Drejer.  
 Hemicryptophyte, mesophyte, antarct AM+trop/salp disj  
 AFR+OAS+(m)/salp-sm/mo-temp-b-(arct)'oz1-2 EUR-OAM+OAS,  
 suburban zone.
143. *Beckmannia eruciformis* (L.) Host  
 Hemicryptophyte, hygromesophyte, m/mo-sm-temp-b'oz(1)-3-k1  
 EUR-WAS (\*), suburban zone.
144. *Brachypodium pinnatum* (L.) P. Beauv.  
 Hemicryptophyte, mesophyte, (m)/mo-sm-temp'(oz(1)-3) EUR-  
 WAS, suburban zone.
145. *Brachypodium sylvaticum* (Huds.) P. Beauv.  
 Hemicryptophyte, mesophyte, (trop)/mo IND+m/mo-sm/(mo)-  
 temp'oz1-3 EUR-(WAS), suburban zone.
146. *Briza media* L.

- Hemicryptophyte, mesophyte, sm/mo-temp'oz1-3 EUR, suburban zone.
147. *Bromopsis benekenii* (Lange) Holub (*Bromus asper* Murr.)  
Hemicryptophyte, mesophyte, (m)/mo-sm/mo-temp'oz2-3 EUR-WAS, suburban zone.
148. *Bromopsis inermis* (Leyss.) Holub  
Hemicryptophyte, (m)/mo-sm-temp-(b)'k1-(3) CIRCPO, xeromesophyte, occasional apophyte, urban & suburban zones, KW: № 065227, 065226; 076240; 076241; 076242; 079637, 080473, 080472.
149. *Bromus arvensis* L.  
Therophyte, mesophyte, (m)-sm-temp-(b)'oz2-3 EUR-WAS, archaeophyte, urban & suburban zones.
150. *Bromus commutatus* Schrad.  
Therophyte, mesophyte, sm-temp'oz2 EUR, kenophyte, urban & suburban zones.
151. *Bromus hordeaceus* L. (*Bromus mollis* L.)  
Therophyte, mesophyte, m-temp'oz1-3 EUR-WAS, euapophyte, urban & suburban zones, KW: № 080477, 080476.
152. *Bromus japonicus* Thunb.  
Therophyte, xeromesophyte, m-sm-(temp)'k1-2 EUR-WAS, hemiapophyte, urban & suburban zones, KW: № 080474, 080475.
153. *Bromus secalinus* L.  
Therophyte, mesophyte, (sm)-temp-(b)'oz1-3 EUR-WSIB, archaeophyte, urban & suburban zones.
154. *Bromus squarrosus* L.  
Therophyte, xeromesophyte, m-sm-(temp)'k1-(3) EUR-(WAS), kenophyte, urban & suburban zones.
155. *Calamagrostis arundinacea* (L.) Roth  
Hemicryptophyte, mesophyte, sm/mo-temp-(b)'(oz2-3) EUR-SI, suburban zone.
156. *Calamagrostis canescens* (Weber) Roth (*Calamagrostis lanceolata* Roth)  
Hemicryptophyte, mesohygrophyte, temp-b'oz2-3 EUR-WSIB, suburban zone, KW: № 076109, 076110, 076111; 079613, 079612, 079611, 080467, 080466.
157. *Calamagrostis epigeios* (L.) Roth

- Hemicryptophyte, hygromesophyte, m/(mo)-sm-b'k1-3 EURAS, suburban zone, KW: № 079610, 079640, 079639, 079630, 080471, 080470, 080469, 080468, 080465, 080464.
158. *Calamagrostis stricta* (Timm) Koeler  
Hemicryptophyte, hygromesophyte, (sm)/mo-temp-b-arct'(k1-3) CIRCPOl, suburban zone.
159. *Calamagrostis varia* (Schrad.) Host  
Hemicryptophyte, mesophyte, sm/salp-temp/dealp-co'oz2 EUR, suburban zone.
160. *Catabrosa aquatica* (L.) P. Beauv.  
Hemicryptophyte, hygrophyte, (m/mo-sm/mo)-temp-b'(oz1-3) EUR-(WAS)+AM, suburban zone.
161. *Ceratochloa carinata* (Hook. & Arn.) Tutin  
Therophyte, xeromesophyte, kenophyte, urban zone, KW: № 080441.
162. *Crypsis schoenoides* (L.) Lam. (*Heleochoa schoenoides* Host.)  
Therophyte, mesophyte, m-sm.k1-3+lit EUR-WAS, urban & suburban zones.
163. *Cynosurus cristatus* L.  
Hemicryptophyte, mesophyte, sm/mo-temp'oz1-(3) EUR, occasional apophyte, urban & suburban zones.
164. *Dactylis glomerata* L.  
Hemicryptophyte, mesophyte, m/mo-temp-(b)'oz1-3 EUR-WAS, euapophyte, urban & suburban zones, KW: № 076100, 076101;076238, 076237, 076235, 076248, 076249, 076250, 076251, 076239, 080442.
165. *Deschampsia caespitosa* (L.) P. Beauv.  
Hemicryptophyte, hygromesophyte, antarct-austr CIRCPOl - trop/mo AFR+OAS+(m)/mo-sm/mo-temp-b-(arct) CIRCPOl, suburban zone.
166. *Digitaria aegyptiaca* (Retz.) Willd. ~ *Digitaria sanguinalis* aggr.  
Therophyte, xeromesophyte, kenophyte, urban zones.
167. *Digitaria ischaemum* (Schreb.) Muehl.  
Therophyte, mesophyte, (m)-sm-temp'oz(1)-3 CIRCPOl, archaeophyte, urban & suburban zones.
168. *Digitaria sanguinalis* (L.) Scop.  
Therophyte, mesophyte, austr-trop disj-m-temp'oz1-3 CIRCPOl, archaeophyte, urban & suburban zones, KW: № 076146.

169. *Echinochloa crussgalli* (L.) P. Beauv. (*Panicum cruss-galli* L.)  
Therophyte, hygromesophyte, austr-trop.hum disj-m-temp'(oz1-3)  
CIRCPOL, archaeophyte, urban & suburban zones, KW: № 076157,  
076097, 076113, 080462.
170. *Elytrigia intermedia* (Host) P. Beauv  
Hemicryptophyte, xeromesophyte, m-sm-stemp'k(1)-3 EUR-  
VORDAS, suburban zones, KW: № 079642, 080443.
171. *Elytrigia repens* (L.) Nevski (*Agropyrum repens* L.)  
Hemicryptophyte, mesophyte, m-sm-temp-b'k1-3 EURAS,  
euapophyte, urban & suburban zones, KW: № 080444, 080445.
172. *Eragrostis minor* Host  
Therophyte, mesophyte, kenophyte, urban & suburban zones, KW:  
№ 079620.
173. *Eragrostis suaveolens* A. Becker ex Claus  
Therophyte, mesophyte, sm-stemp'(k1-3) EURAS (\*), hemiapophyte,  
urban & suburban zones.
174. *Eragrostis pectinacea* (Michx.) Nees  
Therophyte, mesophyte, kenophyte, urban zone, KW: № 079622.
175. *Eragrostis pilosa* (L.) P. Beauv.  
Therophyte, mesophyte, austr-(trop) CIRCPOL-m-temp'oz1-3 EUR-  
WAS+OAM, kenophyte, urban zone, KW: № 079619, 079621.
176. *Festuca ovina* L.  
Hemicryptophyte, mesophyte, sm/mo-temp-arct'oz1-3 EUROSIB,  
KW: № 079607, 079608, 080450, 080449, urban & suburban zones.
177. *Festuca rubra* (Jacq.) Griseb.  
Hemicryptophyte, xeromesophyte, m/mo-temp-b-arct'(oz1-3)  
CIRCPOL, suburban zone, KW: № 076246.
178. *Festuca rupicola* Heuff.  
Hemicryptophyte, xeromesophyte, m-sm-temp'k1-3 EUR-WAS (\*),  
urban & suburban zones.
179. *Glyceria arundinacea* Kunth (*Glyceria spectabilis* Mert. et Koch)  
Hemicryptophyte, hygrophyte, suburban zone, KW: № 076115.
180. *Glyceria fluitans* (L.) R.Br.  
Hemicryptophyte, hygrophyte, m-temp-(b)'oz1-3 EUR+(OAM),  
suburban zone.
181. *Glyceria maxima* (C. Hartm.) Holmberg



- Hemicryptophyte, hygrophyte, sm-temp-(b) CIRCPOl, suburban zone, KW: № 076243.
182. *Hierochloa odorata* (L.) P. Beauv.  
Hemicryptophyte, mesophyte, (m)/mo-sm/mo-temp-b-(arct)k1-3 CIRCPOl, suburban zone.
183. *Hierochloa repens* (Host) P. Beauv.  
Hemicryptophyte, m/mo-sm-temp-b-arctk1-3 CIRCPOl, mesophyte, occasional apophyte, suburban zone, KW: № 076119, 076120, 079616, 079615.
184. *Hordeum murinum* L.  
Hemicryptophyte, xeromesophyte, m-sm-temp EUR-WAS, archaeophyte, urban zone, KW: № 079624.
185. *Koeleria cristata* (L.) Pers.  
Hemicryptophyte, xeromesophyte, austr-trop/salp AFR+strop AM-m-temp-(b)k1-3 CIRCPOl, suburban zone.
186. *Koeleria delavignei* Czern. ex Domin  
Hemicryptophyte, mesophyte, suburban zone.
187. *Koeleria glauca* (Spreng.) DC.  
Hemicryptophyte, xeromesophyte, sm-tempk1-(3) EURAS, suburban zone.
188. *Leersia oryzoides* (L.) Sw. (*Poa fertilis* Host)  
Hemicryptophyte, hygrophyte, trop AM-m-temp-temp'oz1-3 CIRCPOl, suburban zone.
189. *Leymus sabulosus* (M. Bieb.) Tzvelev (*Elymus sabulosus* M. Bieb.)  
Geophyte, xeromesophyte, sm-tempk(2-3) OEUR, kenophyte, suburban zone, KW: № 079614.
190. *Lolium perenne* L.  
Hemicryptophyte, mesophyte, hemiapophyte, m/(mo)-sm-temp-(b)'oz1-3 EUR, urban & suburban zones, KW: № 076117, 076098, 076099, 080446, 080447.
191. *Lolium remotum* Schrenk (*Lolium linicola* Sond.)  
Hemicryptophyte, mesophyte, archaeophyte, sm-temp-(b)'oz2-(3) EUR, urban zone.
192. *Mellica nutans* L.  
Hemicryptophyte, mesophyte, sm/mo-temp-(b)'oz1-3 EURAS, suburban zone.
193. *Milium effusum* L.

- Hemicryptophyte, mesophyte, (m)/mo-sm/mo-temp/(demo)-b'oz1-3  
EURAS+OAM, urban & suburban zones.
194. *Molinia coerulea* (L.) Moench.  
Hemicryptophyte, hygromesophyte, sm/(mo)-temp-b'oz1-3 EUR,  
suburban zone.
195. *Nardus stricta* L.  
Hemicryptophyte, mesophyte, (m)/mo-sm/mo-temp/(demo)-b'oz1-3  
EUR, suburban zone.
196. *Panicum capillare* L.  
Therophyte, xeromesophyte, kenophyte, urban zone, KW: № 079618, 079629, 079628, 079627.
197. *Panicum glabrum* L.  
Therophyte, xeromesophyte, urban & suburban zones.
198. *Phalaris canariensis* L.  
Therophyte, mesophyte, m-sm'oz1 EUR, kenophyte, urban &  
suburban zones.
199. *Phalaroides arundinacea* (L.) Rausch. (*Phalaris arundinacea* L.)  
Hemicryptophyte, hygromesophyte, austrAFR+m/mo-sm-temp-  
b'oz1-3 CIRCPOl, suburban zone.
200. *Phleum phleoides* (L.) H. Karst. (*Phleum boehmeri* Wib.)  
Hemicryptophyte, xeromesophyte, (m)/mo-sm-temp\*k1-3 EUR-  
WAS, urban & suburban zones.
201. *Phleum pratense* L.  
Hemicryptophyte, mesophyte, (mo)/mo-sm-b-(arct)'(oz1-3) EURAS,  
urban & suburban zones, KW: № 076105, 076118, 080451.
202. *Phragmites australis* (Cav.) Trin. ex Steud.  
Hemicryptophyte, hydrohygrophyte, austr-(trop disj)-m-temp-(b)  
CIRCPOl, suburban zones, KW: № 076095, 076096, 076156,  
080455, 080459.
203. *Poa angustifolia* L.  
Hemicryptophyte, xeromesophyte, m-temp-(b)'k1-3 EURAS,  
occasional apophyte, urban & suburban zones.
204. *Poa annua* L.  
Therophyte, hygromesophyte, austr-trop/mo-m/mo-b-(arct)'oz1-3  
CIRCPOl, euapophyte, urban & suburban zones, KW: № 076102,  
079623, 080461.
205. *Poa bulbosa* L.

Hemicryptophyte, xeromesophyte, m-sm-(temp)k1-3 EUR-WAS, hemiapophyte, urban & suburban zones KW: № 076103, 076104, 076123, 076145, 076155.

206. *Poa compressa* L.

Hemicryptophyte, mesophyte, (m/mo)-sm/(mo)-temp'oz(1)-3 EUR, occasional apophyte, urban & suburban zones.

207. *Poa longifolia* Trin. (*P. pratensis* L. var. *longifolia* Trin.)

Hemicryptophyte, mesophyte, m/mo-sm/mo-temp-(b)k(2)-3 OEUR, suburban zone.

208. *Poa nemoralis* L.

Hemicryptophyte, mesophyte, m/mo-sm/mo-temp-(b)'(oz1-3) CIRCPOLE, suburban zone, KW: № 076106, 076107, 079643.

209. *Poa palustris* L.

Hemicryptophyte, mesohygrophyte, sm/mo-temp-b'(k1-3) CIRCPOLE, suburban zone.

210. *Poa pratensis* L.

Hemicryptophyte, mesophyte, m/mo-sm-temp-(b) CIRCPOLE, suburban zone, KW: № 079641.

211. *Poa trivialis* L.

Hemicryptophyte, mesophyte, m/mo-sm/mo-b'oz1-3 EUR-WAS, suburban zone.

212. *Poa turfosa* Litv.

Hemicryptophyte, hygromesophyte, suburban zone, KW: № 079634, 079633, 079632, 079631.

213. *Puccinellia distans* (Jacq.) Parl.

Hemicryptophyte, mesophyte, sm-temp-(b)k(1)-3 +lit EUR-WAS, urban & suburban zones.

214. *Schenodurus giganteus* (L.) Soreng & Terrell (*Festuca gigantea* (L.) Vill.)

Hemicryptophyte, hygromesophyte, m/mo-sm/mo-temp'oz1-3 EUR-WAS, KW: № 076114, 076116, 076244, suburban zone.

215. *Schedonorus interruptus* (Desf.) Tzvelev (*Festuca regeliana* Pavl., *F. arundinacea* Schreb. subsp. *orientalis* (Hack.) Tzvelev, *F. orientalis* (Hack.) V. Krecz. & Bobrov)

Hemicryptophyte, hygromesophyte, suburban zone.

216. *Schenodurus pratensis* (Huds.) P. Beauv. (*Festuca pratensis* Huds.)

Hemicryptophyte, mesophyte, (m)/mo-sm/mo-temp-(b)oz1-3 EUR+WAS, urban & suburban zones, KW: № 076236.

217. *Secale sylvestre* Host

Therophyte, xeromesophyte, suburban zone.

218. *Setaria glauca* (L.) P. Beauv.

Therophyte, mesophyte, boreostrop-m-temp(oz1)-3 EURAS, archaeophyte, urban & suburban zones, KW: № 076149, 076150, 076151, 076154, 079638.

219. *Setaria italica* (L.) P. Beauv.

Therophyte, xeromesophyte, m-sm-temp-(b)oz1-3 CIRCPO, kenophyte, urban zone.

220. *Setaria verticillata* (L.) P. Beauv.

Therophyte, mesophyte, m-sm-temp-(b)oz1-3 CIRCPO, archaeophyte, urban zone.

221. *Setaria viridis* (L.) P. Beauv.

Therophyte, mesophyte, m-temp-(b) CIRCPO, archaeophyte, urban & suburban zones, KW: № 076094, 076108, 076112, 080463.

222. *Sorghum halepense* (L.) Pers.

Hemicryptophyte, xeromesophyte, kenophyte, urban zone, KW: № 076099.

223. *Stipa capillata* L.

Hemicryptophyte, xeromesophyte, (m)-sm-(temp)k1-2 EURAS, suburban zone.

224. *Trisetum flavescens* (L.) P. Beauv.

Hemicryptophyte, mesophyte, m/mo-sm/mo-temp(oz1-2) EUR, suburban zone.

225. *Trisetum sibiricum* Rupr.

Hemicryptophyte, hygromesophyte, (m)/mosm/mo-b-(arct)(k1-3) OEUR-AS-(WAM), suburban zone.

226. *Zea mays* L.

Therophyte, mesophyte, kenophyte, urban & suburban zones.

## Potamogetonaceae

227. *Potamogeton berchtoldii* Fieber ~ *P. pusillus* aggr.

Geophyte, hydrophyte, stropAFR+AM+m-sm-temp-b'oz1-3 CIRCPO, suburban zone.

228. *Potamogeton crispus* L.

Geophyte, hydrophyte, austr-boreotrop disj AFR+AUST+OAS-(m/mo)-sm-temp'oz1-3 CIRCPOl, urban & suburban zones.

229. *Potamogeton heterophyllus* Schreb.~ *P. gramineus*

Geophyte, hydrophyte, m/mo-sm-temp-b-arct'oz1-3 CIRCPOl, suburban zone.

230. *Potamogeton lucens* L.

Geophyte, hydrophyte, (trop) OAS-(m)-sm-temp-(b) EUR-WAS, suburban zone.

231. *Potamogeton natans* L.

Geophyte, hydrophyte, (m/mo)-temp-(b)'(oz1-3) CIRCPOl, suburban zone.

232. *Potamogeton pectinatus* L. (*Stuckenia pectinata* (L.) Börner)

Geophyte, hydrophyte, austr-trop disj-m-temp-b'(k1-3)+lit CIRCPOl, urban & suburban zones.

233. *Potamogeton perfoliatus* L.

Geophyte, hydrophyte, trop disj AUST-AFR+AM+(m)-sm-b CIRCPOl, urban & suburban zones, KW: № 065808, 065809.

234. *Potamogeton pusillus* L.

Geophyte, hydrophyte, strop AFR+AM-m-sm-temp-b'(oz1-3) CIRCPOl, urban & suburban zones.

## Sparganiaceae

235. *Sparganium emersum* Rehmman

Geophyte, hygrophyte, trop-smOAS+sm-temp-b'oz1-3 CIRCPOl, urban & suburban zones

236. *Sparganium erectum* L.

Geophyte, hygrophyte, m-sm-temp-b'oz(1)-3-k1 EUR-SIB, urban & suburban zones.

237. *Sparganium neglectum* Beeby

Geophyte, hydrohygrophyte, m-sm-temp'oz1-3 EUR-VORDAS (\*), suburban zone.

## Trilliaceae

238. *Paris quadrifolia* L.

Geophyte, mesophyte, sm/(mo)-temp-(b) EUR-SIB, suburban zone.

## Typhaceae

239. *Typha angustifolia* L.

Geophyte, hydrohygrophyte, m-temp'(oz1-3)m EUR-WAS-OAM, suburban zone.

240. *Typha latifolia* L.

Geophyte, hydrohygrophyte, austr AFR-boreostrop OAFR+OAS+OAM+m-temp-(b)'(oz1-3) CIRC POL, suburban zone.

241. *Typha laxmannii* Lepech.

Geophyte, hydrohygrophyte, m/mo-sm-stemp'k1-3 EURAS (\*), kenophyte, suburban zone.

## Magnoliopsida

### Aceraceae (Sapindaceae s.l.)

242. *Acer campestre* L.

Phanerophyte, mesophyte, m/mo-sm-temp'oz(1)-3 EUR, urban & suburban zones.

243. *Acer negundo* L.

Phanerophyte, mesophyte, m-sm-temp'k(1)-3 AM+EUR, kenophyte, urban & suburban zones.

244. *Acer platanoides* L.

Phanerophyte, mesophyte, sm/mo-temp'oz(1)-3 EUR, urban & suburban zones.

245. *Acer pseudoplatanus* L.

Phanerophyte, mesophyte, m/mo-sm-temp/demo'oz(1)-3 EUR, kenophyte, urban & suburban zones.

246. \**Acer saccharinum* L. (*Acer dasycarpum* Ehrh.)

Phanerophyte, mesophyte, kenophyte, urban zone.

247. *Acer tataricum* L.

Phanerophyte, xeromesophyte, m-sm-temp'oz(1)-3-k1 EURAS (\*), urban & suburban zones.

## Amaranthaceae

248. *Amaranthus albus* L.

Therophyte, xeromesophyte, austrAM+AUST-trop-m-sm-(temp)oz2-3 CIRC POL, kenophyte, urban & suburban zones.

249. *Amaranthus blitoides* S. Watson

Therophyte, xeromesophyte, m-sm-stemp'k1-3 EUR-WAM, kenophyte, urban & suburban zones.

250. *Amaranthus blitum* L.

Therophyte, xeromesophyte, tropAFR+AS-m-sm-temp'oz1-3 CIRC POL, kenophyte, urban & suburban zones.

251. *Amaranthus retroflexus* L.

Therophyte, xeromesophyte, austr-Neuseel-AFR-m-sm-temp CIRC POL, kenophyte, urban & suburban zones.

## Anacardiaceae

252. \**Cotinus coggygria* Scop

Phanerophyte, mesophyte, kenophyte, urban zone, KW: № 080589.

## Apiaceae

253. *Aegopodium podagraria* L.

Geophyte, mesophyte, m/mo-sm-temp-b'oz1-3 EUR-WAS, occasional apophyte, urban & suburban zones.

254. *Aethusa cynapium* L.

Therophyte, hygromesophyte, sm-temp-b'oz1-3 EUR, archaeophyte, urban & suburban zones.

255. \**Anetum graveolens* L.

Therophyte, mesophyte, kenophyte, urban & suburban zones.

256. *Angelica sylvestris* L.

Hemicryptophyte, hygromesophyte, m/mo-sm-temp-b'oz(1)-3-k1 EUR-SIB, occasional apophyte, urban & suburban zones.

257. *Antriscus sylvestris* (L.) Hoffm.

Hemicryptophyte, mesophyte, m/mo-sm-temp-b'oz(1)-3 EURAS, hemiapophyte, urban & suburban zones KW: № 067020, 067055, 067056.

258. *Archangelica officinalis* Hoffm.

- Hemicryptophyte, hygromesophyte, sm/mo-temp-b-arct'oz(1)-3  
EUR-WAS, suburban zone.
259. *Carum carvi* L.  
Hemicryptophyte, mesophyte, m/mo-sm-temp-b'oz(1)-3-k1 EUR-  
SIB, suburban zone.
260. *Cervaria rivinii* Gaertn (*Peucedanum cervaria* (L.) Lapeyr)  
Hemicryptophyte, mesophyte, suburban zone.
261. *Chaerophyllum aromaticum* L.  
Hemicryptophyte, mesophyte, sm-temp-b'oz(1)-3-k1 EUR, suburban  
zone, KW: № 080573.
262. *Chaerophyllum bulbosum* L.  
Hemicryptophyte, mesophyte, sm-temp-b'oz(1)-3-k1 EUR-WA,  
occasional apophyte, urban & suburban zones.
263. *Chaerophyllum temulum* L.  
Therophyte, mesophyte, m-sm-temp-b'ozl-3 EUR, hemiapophyte,  
urban & suburban zones, KW: № 080582, 080581.
264. *Cicuta virosa* L.  
Geophyte, hydrohygrophyte, m-sm-temp-b'kl-3 EURAS, suburban  
zone.
265. *Cnidium dubium* (Schkuhr) Thell.  
Hemicryptophyte, mesohygrophyte, sm-temp'k(1)-3oz1 EURAS,  
suburban zone.
266. *Conium maculatum* L.  
Hemicryptophyte, mesophyte, strop/moAFR+m-sm-temp-b'oz(1) -3-  
k1 EUR-WAS, archaeophyte, urban & suburban zones.
267. \**Coriandrum sativum* L.  
Therophyte, mesophyte, kenophyte, urban & suburban zones.
268. *Daucus carota* L.  
Hemicryptophyte, mesophyte, strop/moAFR+m-sm-temp-b'ozl -2  
EUR, euapophyte, urban & suburban zones KW: № 067051, 067057,  
080577, 080575, 080576.
269. *Eryngium planum* L.  
Hemicryptophyte, xeromesophyte, m-sm-temp'k(1)-3 EUR-WAS,  
hemiapophyte, urban & suburban zones, KW: № 075768, 075803,  
075804, 067021, 067022, 067026.
270. *Falcaria vulgaris* Bernh. (*Falcaria rivini* Host.)



- Hemicryptophyte, xeromesophyte, m-sm-temp'k(l)-3 EUR-WAS, hemiapophyte, urban & suburban zones.
271. *\*Heracleum mantegazzianum* Sommier & Levier  
Hemicryptophyte, hygromesophyte, kenophyte, suburban zone.
272. *Heracleum sibiricum* L.  
Hemicryptophyte, mesophyte, sm-temp-b'oz1-3 EUR-WSIB, hemiapophyte, urban & suburban zones, KW: № 067054, 067053, 067052, 080579, 080578.
273. *Laserpitium prutenicum* L.  
Hemicryptophyte, mesophyte, sm-temp-b'oz(l)-3-k1 EUR, suburban zone.
274. *\*Levisticum officinale* W.D.J. Koch  
Hemicryptophyte, mesophyte, kenophyte, urban & suburban zones.
275. *Oenanthe aquatica* (L.) Poir.  
Hemicryptophyte, hydrohygrophyte, sm-temp-b'oz(l)-3-k1 EUR-WAS, suburban zone, KW: № 080572, 080580.
276. *Oenanthe silaifolia* M. Bieb.  
Hemicryptophyte, hydrohygrophyte, suburban zone.
277. *Oreoselinum nigrum* Delarbre (*Peucedanum oreoselinum* (L.) Moench)  
Hemicryptophyte, xeromesophyte, m-sm-temp'oz(1)-3 EUR, suburban zone.
278. *Ostericum palustre* (Besser) Besser  
Hemicryptophyte, hygrophyte, sm/mo-temp'k1-2 EUR-WAS, suburban zone, RR.
279. *Pastinaca sativa* L.  
Hemicryptophyte, mesophyte, euapophyte, urban & suburban zones.
280. *Pastinaca sylvestris* Mill.  
Hemicryptophyte, mesophyte, hemiapophyte, suburban zone.
281. *Pastinaca umbrosa* Steven ex DC. (*P. opaca* Bernh. ex Hornem.)  
Hemicryptophyte, mesophyte, suburban zone.
282. *Pimpinella saxifraga* L.  
Hemicryptophyte, mesophyte, m/mo-sm-temp-b'oz(1)-3-k1 EUR-WAS, hemiapophyte, suburban zone, KW: № 067059, 067058, 067060.
283. *Sanicula europaea* L.  
Hemicryptophyte, mesophyte, austr-tropAS+AFR+m-sm-temp'oz1-3 EURAS, suburban zone.
284. *Selinium carvifolia* (L.) L.

Hemicryptophyte, hygromesophyte, sm-temp'oz(1)-k1 EUR-(WAS), suburban zone.

285. *Seseli annuum* L. (*Seseli coloratum* Ehrh.)

Hemicryptophyte, xeromesophyte, sm-temp'k(1)-3-oz1 EUR, suburban zone.

286. *Sium latifolium* L.

Hemicryptophyte, hygrophyte, m-sm-temp-b'oz(1)-3 EUR-WAS, suburban zone, KW: № 080569.

287. *Thyselimum palustre* (L.) Raf. (*Peucedanum palustre* (L.) Moench)

Hemicryptophyte, hygrophyte, sm-temp-b'k(1)-3-oz1 EUR-WAS, suburban zone.

288. *Torilis japonica* (Houtt.) DC. (*Torilis anthriscus* (L.) S.S. Gmel.)

Therophyte, mesophyte, m-sm-temp-b'oz1-3 EURAS, occasional apophyte, urban & suburban zones, KW: № 080574.

### **Apocinaceae (excl. Asclepiadaceae)**

289. \**Vinca minor* L.

Chamaephyte, mesophyte, sm-temp'oz1-2 EUR, kenophyte, suburban zone.

### **Aristolochiaceae**

290. *Aristolochia clematitis* L.

Geophyte, mesophyte, (m)-sm-(temp)'oz1-2 EUR, occasional apophyte, suburban zone.

291. *Asarum europaeum* L.

Hemicryptophyte, mesophyte, sm/mo-temp-(b)'oz2-3 EUR+(WSIB), suburban zone.

### **Asclepiadaceae**

292. *Asclepias syriaca* L. (*Asclepias cornuti* Desne)

Hemicryptophyte, xeromesophyte, sm-temp'oz1-3 EUR-OAM (\*), kenophyte, suburban zone.

293. *Vincetoxicum hirundinaria* Medik. (*Vincetoxicum officinale* Moench)

Hemicryptophyte, mesophyte, m/mo-sm-temp'k(1)-3-oz1 EUR-WAS, suburban zone, KW: № 080593, 080594.

## Asteraceae

294. *Achillea inundata* Kondr.

Hemicryptophyte, mesophyte, sm-temp-b.oz(1)-3 OEUR (\*), suburban zone.

295. *Achillea pannonica* Scheele

Hemicryptophyte, xeromesophyte, suburban zone.

296. *Achillea submillefolium* Klokov & Krytzka ~ *Achillea millefolium* L.

Hemicryptophyte, mesophyte, m/mo-sm-temp-b-arct'oz(1)-3-k1 EUR-SIB, hemiapophyte, urban & suburban zones, KW: № 067018, 067024.

297. *Ambrosia artemisifolia* L.

Therophyte, mesoxerophyte, sm-temp'k(1)-3 EUR-OAM, kenophyte, urban & suburban zones, KW: № 067044.

298. *Antennaria dioica* (L.)P. Gaertn. (*Gnaphalium dioicum* L.)

Chamaephyte, xeromesophyte, sm/mo-temp-b-arct'k1-3 EURAS, suburban zone.

299. *Anthemis cotula* L.

Therophyte, mesophyte, m-sm-temp'oz1-3 EUR-WAS, archaeophyte, urban & suburban zones.

300. *Anthemis ruthenica* M.Bieb.

Therophyte, mesophyte, sm-stemp'k(1)-3 EUR, hemiapophyte, urban & suburban zones.

301. *Anthemis tinctoria* L.

Hemicryptophyte, xeromesophyte, urban & suburban zones.

302. *Arctium lappa* L. (*Lappa major* P. Gaertn.)

Hemicryptophyte, mesophyte, (m)-sm-temp-(b)'oz(1)-3-k1 EUR-WAS, euapophyte, urban & suburban zones.

303. *Arctium minus* (Hill) Bernh

Hemicryptophyte, mesophyte, m-sm-temp-b'oz1-3 EUR, euapophyte, urban & suburban zones.

304. *Arctium tomentosum* Mill. (*Lappa tomentosa* Lam.)

Hemicryptophyte, mesophyte, (sm)-temp-(b)'k2-3 OAM+temp EUR-AS, euapophyte, urban & suburban zones.

305. *Artemisia abrotanum* L. (*Artemisia procera* Willd.)

- Hemicryptophyte, xeromesophyte, sm-(temp)k(1)-2 EUR-WAS, urban & suburban zones.
306. *Artemisia absinthium* L.  
Hemicryptophyte, mesophyte, (m/mo)-sm-temp-(b)k1-3 EUR-WAS, archaeophyte, urban & suburban zones.
307. *Artemisia annua* L.  
Therophyte, xeromesophyte, m-smk1-2 EURAS, kenophyte, urban & suburban zones.
308. *Artemisia austriaca* Jacq.  
Chamaephyte, mesophyte, (m/salp)-sm-(temp)k1-2 EUR-WAS, hemiapophyte, urban & suburban zones.
309. *Artemisia campestris* L.  
Hemicryptophyte, mesophyte, m-sm-tempk(1)-3 EUR-WAS, urban & suburban zones.
310. *Artemisia dracunculus* L.  
Hemicryptophyte, mesophyte, m-sm-temp-bk1-2 EURAS-WAM, kenophyte, urban & suburban zones
311. *Artemisia scoparia* Waldst. et Kit.  
Hemicryptophyte, mesoxerophyte, m-sm-(temp)k1-2 EURAS, euapophyte, urban & suburban zones.
312. *Artemisia vulgaris* L.  
Hemicryptophyte, xeromesophyte, m-sm-temp-b'ozl-3 EURAS, euapophyte, urban & suburban zones.
- 313 *Bidens cernua* L.  
Therophyte, mesohygrophyte, (m-sm-temp-(b)k1-3 CIRC POL, occasional apophyte, suburban zone.
314. *Bidens frondosa* L.  
Therophyte, mesohygrophyte, kenophyte, urban & suburban zones, KW: № 072805.
315. *Bidens radiata* Thuill.  
Therophyte, mesohygrophyte, (sm)-temp-(b)k(1)-3 EURAS, occasional apophyte, suburban zone.
316. *Bidens tripartita* L.  
Therophyte, mesohygrophyte, m/mo-sm-temp-(b)k(1)-3 EURAS, hemiapophyte, urban & suburban zones.
317. \**Calendula arvensis* L.  
Therophyte, mesophyte, kenophyte, urban & suburban zones

318. \**Calendula officinalis* L.  
Therophyte, mesophyte, kenophyte, urban & suburban zones
319. *Carduus acantoides* L.  
Hemicryptophyte, xeromesophyte, sm-temp'oz(1)-3-k1 EUR,  
archaeophyte, urban & suburban zones.
320. *Carduus cinereus* M. Bieb.  
Hemicryptophyte, mesophyte, kenophyte, urban & suburban zones.
321. *Carduus crispus* L.  
Hemicryptophyte, mesophyte, sm-b'(oz(1)-3 EUR-WAS-m-  
temp.oz(1)-3 OAS, hemiapophyte, suburban zone.
322. *Carduus nutans* L.  
Hemicryptophyte, mesoxerophyte, m/mo-sm-temp'k2-3 EUR,  
archaeophyte, urban & suburban zones.
323. *Carduus thoermeri* Weinm.  
Hemicryptophyte, xeromesophyte, hemiapophyte, urban & suburban  
zones
324. *Carlina biebersteinii* Bernh. Ex Hornem.  
Hemicryptophyte, xeromesophyte, (sm/mo)-temp-(b)'oz2-3 EUR-  
WAS, suburban zone.
325. *Carlina vulgaris* L.  
Hemicryptophyte, xeromesophyte, suburban zone.
326. *Centaurea arenaria* M.Bieb.  
Hemicryptophyte, mesoxerophyte, suburban zone.
327. *Centaurea biebersteinii* DC.  
Hemicryptophyte, mesoxerophyte, suburban zones, KW: № 076015;  
076016; 076017.
328. *Centaurea diffusa* Lam.  
Hemicryptophyte, mesoxerophyte, sm-temp-(b)'oz(1)-3-k1 EUR+AM  
(\*), kenophyte, urban & suburban zones.
329. *Centaurea jacea* L.  
Hemicryptophyte, xeromesophyte, (sm/mo)-sm/(mo)-temp-(b)'oz2-3  
EUR, hemiapophyte, urban & suburban zones, KW: № 065814;  
075840.
330. *Centaurea melanocalathia* Borbas (*Centaurea nigriceps* Dobroc.)  
Hemicryptophyte, mesophyte, suburban zone.
331. *Centaurea pannonica* (Heuff.) Simonk.  
Hemicryptophyte, xeromesophyte, suburban zone.

332. *Centaurea phrygia* L. (*C. austriaca* L.)  
Hemicryptophyte, xeromesophyte, (sm/mo)-temp-b'oz(2)-3 EUR,  
urban & suburban zones.
333. *Centaurea pseudomaculosa* Dobrocz. (*C. stoebe* auct. non L.)  
Hemicryptophyte, mesoxerophyte, sm-temp'k2 OEUR,  
hemiapophyte, urban & suburban zones, KW: № 065813.
334. *Centaurea scabiosa* L.  
Hemicryptophyte, mesophyte, sm/(mo)-temp'oz(1)-3 EUR-WSIB,  
suburban zone.
335. *Chondrilla juncea* L.  
Hemicryptophyte, mesoxerophyte, m-sm-(temp)'k1-3 EUR-WAS,  
occasional apophyte, urban & suburban zones.
336. *Cichorium intybus* L.  
Hemicryptophyte, xeromesophyte, m-sm-temp-b'oz(1)-3-k1 EUR-  
WAS, archaeophyte, urban & suburban zones.
337. *Cirsium arvense* (L.) Scop.  
Hemicryptophyte, mesophyte, m-sm-temp-b'ozl-3 EURAS, euapophyte,  
urban & suburban zones.
338. *Cirsium canum* (L.) All.  
Hemicryptophyte, mesophyte, sm-temp'k(1)-3 EUR-WSIB, suburban  
zone.
339. *Cirsium incanum* (S.G. Gmel.) Fish.  
Hemicryptophyte, mesophyte, hemiapophyte, urban & suburban  
zones
340. *Cirsium oleraceum* (L.) Scop.  
Hemicryptophyte, mesohygrophyte, sm-temp'oz1-3 EUR-WSIB,  
suburban zone.
341. *Cirsium palustre* (L.) Scop.  
Hemicryptophyte, mesohygrophyte, m-sm-temp-b'oz1-3 EUR-  
WSIB, urban & suburban zones.
342. *Cirsium rivulare* (Jacq.) All. (*Cirsium rivulare* Link)  
Hemicryptophyte, hygromesophyte, sm/demo-temp/demo'oz(1)-3  
EUR, suburban zone.
343. *Cirsium setosum* (Willd.) Bess. (*Cirsium arvense* (L.) Scop.  
subsp. *setosum* (Willd.) Iljin  
Hemicryptophyte, mesophyte, m-sm-temp'oz1-3-k1 EUR-WSIB (\*),  
euapophyte, urban & suburban zones.

344. *Cirsium vulgare* (Savi) Ten. (*Cirsium lanceolatum* (L.) Scop. 1772, non Hill. 1769)  
Hemicryptophyte, mesophyte, m-sm-temp-b'oz1-3 EUR-WAS, euapophyte, urban & suburban zones.
345. *Conyza canadensis* (L.) Cronq. (*Erigeron canadensis* L.)  
Therophyte, mesophyte, boreostrop/moAM+m/mo-sm-temp'k(1)-3 EURAS+OAM, kenophyte, urban & suburban zones, KW: № 075808; 075807, 075784, 067019, 067025, 064927, 064928.
346. \**Cosmos bipinnatus* Cav.  
Therophyte, xeromesophyte, kenophyte, urban & suburban zones, KW: № 076245.
347. *Crepis biennis* L.  
Therophyte, hemicryptophyte, mesophyte, m/mo-sm-temp'(oz1-3) EUR, occasional apophyte, urban & suburban zones, KW: № 065230.
348. *Crepis mollis* (Jacq.) Asch. (*Crepis planitierum* Klokov)  
Hemicryptophyte, mesophyte, KW: № 075791; suburban zone.
349. *Crepis ramosissima* D'Urv.  
Therophyte, xeromesophyte, suburban zone, KW: № 075792; 075793.
350. *Crepis sibirica* L.  
Hemicryptophyte, mesophyte, suburban zone.
351. *Crepis tectorum* L.  
Therophyte, hemicryptophyte; xeromesophyte, sm-temp-b'k1-3 EURAS, euapophyte, urban & suburban zones, KW: № 07809, 072808.
352. *Cyanus segetum* Hill (*Centaurea cyanus* L.)  
Therophyte, xeromesophyte, (m)-sm-temp-b'oz(1)-3 EUR-WAS, archaeophyte, urban & suburban zones.
353. *Erigeron acris* L.  
Hemicryptophyte, xeromesophyte, (m/mo)-sm-temp-b-(arct)'k1-3 CIRCPO, hemiapophyte, urban & suburban zones.
354. *Eupatorium cannabinum* L.  
Hemicryptophyte, hygromesophyte, (m/mo)-sm-temp'oz1-3 EUR, hemiapophyte, suburban zone, KW: № 080565.
355. *Filago arvensis* L.  
Therophyte, xeromesophyte, m/mo-sm-temp-(b)'oz(1)-3 EUR-WAS, hemiapophyte, urban & suburban zones.
356. *Filago minima* (Smith) Pers.

- Therophyte, xeromesophyte, suburban zone.
357. *Galinsoga parviflora* Cav.  
Therophyte, mesophyte, austr-trop/(mo).hum-semihum-temp-(b)oz1-(3)  
CIRCPOL, kenophyte, urban & suburban zones, KW: 067043,  
067035, 075798, 067036.
358. *Galinsoga urticifolia* (Kunth) Benth.  
Therophyte, mesophyte, kenophyte, suburban zone.
359. *Gnaphalium sylvaticum* L.  
Hemicryptophyte, sm/mo-temp-b'oz1-3 EUR-WSIB, mesophyte,  
occasional apophyte, suburban zone.
360. *Gnaphalium uliginosum* L.  
Therophyte, mesohygrophyte, occasional apophyte, suburban zone.
361. *Grindelia squarrosa* (Pursh) Dunal  
Hemicryptophyte, xeromesophyte, kenophyte, urban zone,  
KW: № 072804.
362. *Helianthus annuus* L.  
Therophyte, mesophyte, kenophyte, urban & suburban zones.  
*Helianthus annuus* L. var. *macroarpa* Lucznik suburban zone,  
KW: № 075775.
363. *Helianthus subcanescens* (A.Gray) E.E.Watson  
Hemicryptophyte, mesophyte, kenophyte, urban & suburban zones,  
KW: № 072704, 072705.
364. *Helianthus tuberosus* L.  
Hemicryptophyte, mesophyte, kenophyte, urban & suburban zones,  
KW: № 069076, 069077, 080617 – 080620.
365. *Helichrysum arenarium* (L.) Moench  
Hemicryptophyte, mesoxerophyte, sm-temp'k1-3 EUR-WAS,  
hemiapophyte, suburban zone,  
KW: № 075778, 075779, 075783, 075806, 075805, 064935.
366. *Heliopsis scabra* Dunal  
Hemicryptophyte, mesophyte, kenophyte, suburban zone.
367. *Hieracium bupleuroides* Gmel.  
Hemicryptophyte, mesophyte, suburban zone, KW: № 076092,  
076091.
368. *Hieracium umbellatum* L.  
Hemicryptophyte, mesophyte, (m/mo)-sm-temp-b'k1-3 EURAS-  
temp.k(1)-3 AM, suburban zone.



369. *Hypochaeris radicata* L.  
Hemicryptophyte, m-sm-temp'oz1-3 EUR, xeromesophyte, suburban zone, KW: № 075790; 079789.
370. *Inula britannica* L.  
Hemicryptophyte, (m)-sm-b'k(l)-3 EURAS, hygromesophyte, hemiapophyte, suburban zone, KW: № 065210, 065240, 080588, 080592, 080597 – 080601.
371. *Inula helenium* L.  
Hemicryptophyte, hygromesophyte, m/mo-sm/mo-(temp).oz3 OEUR-WAS, suburban zone, RR.
372. *Iva xanthiifolia* Nutt. (*Cyclachaena xanthiifolia* (Nutt.) Fresen.)  
Therophyte, mesophyte, m-sm-temp'k1-2 EUR-AM, kenophyte, urban & suburban zones, KW: № 080621.
373. *Jacobaea erucifolia* (L.) G. Gaertn., B. Mey. & Scherb. (*Senecio erucifolias* L.)  
Hemicryptophyte, xeromesophyte, suburban zone.
374. *Jacobaea vulgaris* Gaertn. (*Senecio jacobaea* L.)  
Therophyte, mesophyte, hemiapophyte, suburban zone, KW: № 080478.
375. *Jurinea cyanoides* (L.) Rchb.  
Hemicryptophyte, mesoxerophyte, suburban zone.
376. \**Lactuca sativa* L.  
Hemicryptophyte, mesophyte, kenophyte, suburban zone.
377. *Lactuca serriola* L.  
Therophyte, hemicryptophyte; mesophyte, m-sm-temp'k1-3 EUR-WAS, archaeophyte, urban & suburban zones.
378. *Lactuca tatarica* (L.) C.A.Mey.  
Hemicryptophyte, mesoxerophyte, hemiapophyte, suburban zone.
379. *Lapsana communis* L.  
Therophyte, mesophyte, m-sm-temp-b'oz1-3 EUR, hemiapophyte, urban & suburban zones.
380. *Leontodon autumnalis* L.  
Hemicryptophyte, mesophyte, m/mo-sm-temp-b'oz1-3 EUR-WAS, hemiapophyte, urban & suburban zones, KW: № 075809.
381. *Leontodon hispidus* L.  
Hemicryptophyte, mesophyte, m-sm-temp'oz1-3 EUR, suburban zone.

382. *Lepidotheca suaveolens* (Pursh) Nutt. (*Chamomilla suaveolens* (Pursh) Rydb.)  
Therophyte, mesophyte, kenophyte, urban & suburban zones
383. *Leucanthemum vulgare* Lam.  
Hemicryptophyte, mesophyte, (m/mo)-sm/(mo)-temp-b'oz1-3 EUR-WAS, urban & suburban zones.
384. *Matricaria recutita* L.  
Therophyte, mesophyte, urban & suburban zones.
385. *Mycelis muralis* (L.) Dumort.  
Hemicryptophyte, m/mo-sm-temp-b'oz1-2 EUR-WSIB, mesophyte, occasional apophyte, urban & suburban zones, KW: № 075801, 075800, 075799, 075769.
386. *Onopordum acanthium* L.  
Hemicryptophyte, mesoxerophyte, m-sm-temp'k(1)-3-oz1 EUR-WAS, archaeophyte, urban & suburban zones.
387. *Petasites hybridus* (L.) P. Gaertn., B. Mey. & Scherb.  
Hemicryptophyte, hygromesophyte, m/mo-sm-temp'oz1-3 EUR, suburban zone.
388. *Petasites spurius* (Retz.) Rchb.  
Hemicryptophyte, mesophyte, sm-temp'k(1)-3+lit EUR-WAS, kenophyte, suburban zone.
389. *Phalacroloma annuum* (L.) Dumort.  
Therophyte, mesophyte, kenophyte, urban & suburban zones, KW: № 075785, 075788, 075766, 075770, 065231, 064931, 067015, 067028.
390. *Phalacroloma septentrionale* (Fernald & Wiegand) Tzvelev ~ *Phalacroloma annuum* aggr.  
Therophyte, mesophyte, kenophyte, urban & suburban zones, KW: № 075767.
391. *Phalacroloma strigosum* (Muehl. ex Willd.) Tzvelev ~ *Phalacroloma annuum* aggr.  
Therophyte, mesophyte, kenophyte, urban zone.
392. *Picris hieracioides* L.  
Hemicryptophyte, xeromesophyte, (m)-sm-temp-(b)'k(1)-3-oz1 EURAS, hemiapophyte, urban & suburban zones.
393. *Pilosella x densiflora* (Tausch) Sojak  
Hemicryptophyte, mesoxerophyte, suburban zone, KW: № 076093.

394. *Pilosella echioides* (Lumn.) F. Schultz & Sch. Bip. (*Hieracium echioides* Lumn.)  
Hemicryptophyte, mesophyte, (m/mo)-sm-temp'k1-2 EUR-WAS, suburban zone, KW: № 069074.
395. *Pilosella officinarum* F. Schult. & Sch. Bip.  
Hemicryptophyte, xeromesophyte, (m/mo)-sm-temp-b'oz1-3 EUR-WSIB, urban & suburban zones, KW: № 069072.
396. *Pilosella x stoloniflora* (Waldst. et Kit.) Fr. (*Hieracium stoloniflorum* Waldst. et Kit.)  
Hemicryptophyte, xeromesophyte, suburban zone.
397. *Ptarmica cartilaginea* (Ledeb. ex Rchb.) Ledeb. ~ *Ptarmica salicifolia* (Besser) Serg.  
Hemicryptophyte, mesohygrophyte, sm-temp-b'k(1)-2 EUR-WAS-(OSIB), occasional apophyte, suburban zone, KW: № 065228, 065225.
398. *Ptarmica salicifolia* (Besser) Serg.  
Hemicryptophyte, sm-temp-b'k(1)-3 EURAS, mesohygrophyte, occasional apophyte, suburban zone, KW: № 075773, 075774, 075777, 075797, 075780, 065242; 076018; 076019; 076020.
399. *Pulicaria vulgaris* P. Gaertn.  
Therophyte, mesohygrophyte, (m)-sm-temp.k(1)-3 EUR-WAS, occasional apophyte, suburban zone.
400. *Pyrethrum corymbosum* (L.) Scop. (*Chrysanthemum corymbosum* L.)  
Hemicryptophyte, mesophyte, sm-temp-b'oz(1)-3-k1 EURAS, suburban zone.
401. \**Rudbeckia hirta* L.  
Hemicryptophyte, xeromesophyte, kenophyte, urban & suburban zones.
402. \**Rudbeckia laciniata* L.  
Hemicryptophyte, xeromesophyte, kenophyte, urban & suburban zones.
403. *Senecio germanicus* Wallr. ~ *Senecio nemorensis* aggr.  
Hemicryptophyte, mesophyte, suburban zone.
404. *Senecio paludosus* L.  
Hemicryptophyte, mesohygrophyte, suburban zone.
405. *Senecio vernalis* Waldst. & Kit.  
Therophyte, mesophyte, m-sm'k2-(3) OEUR-VORDAS, hemiapophyte, urban & suburban zones.

406. *Senecio viscosus* L.  
Therophyte, xeromesophyte, kenophyte, urban & suburban zones,  
KW: № 072807.
407. *Senecio vulgaris* L.  
Hemicryptophyte, mesophyte, m-sm-temp-b'oz1-3 EURAS, archaeophyte,  
urban & suburban zones, KW: № 075795, 072806.
408. *Solidago canadensis* L.  
Hemicryptophyte, mesophyte, m-sm-temp-b'k(1)-3-oz1 EUR-AM,  
kenophyte, urban & suburban zones, KW: № 069075, 065253.
409. \**Solidago serotinoidea* A.Löve & D.Löve  
Hemicryptophyte, mesophyte, kenophyte, urban & suburban zones  
KW: № 065253.
410. *Solidago virgaurea* L.  
Hemicryptophyte, mesophyte, boreotrop/moOAS+m/mo-sm-temp-  
b-(arct)'oz1-3 EURAS, urban & suburban zones.
411. *Sonchus arvensis* L.  
Hemicryptophyte, mesophyte, (m)-sm-temp-(b)'k(1)-3-oz1 EURAS,  
archaeophyte, urban & suburban zones.
412. *Sonchus oleraceus* L.  
Therophyte, mesophyte, m-sm-temp'oz1-3 EURAS, archaeophyte,  
urban & suburban zones, KW: № 075794.
413. \**Symphyotrichum novae-angliae* (L.) Nesom (*Aster novae-angliae* L.)  
Hemicryptophyte, mesophyte, kenophyte, urban & suburban zones
- 414 \**Symphyotrichum novi-belgii* (L.) Nesom (*Aster novi-belgii* L.)  
Hemicryptophyte, mesophyte, kenophyte, urban & suburban zones
415. \**Symphyotrichum x salignum* (Willd.) Nesom (*A. lanceolatus* x  
*A. novi-belgii*)  
Hemicryptophyte, mesophyte, kenophyte, urban & suburban zones
416. *Tanacetum vulgare* L.  
Hemicryptophyte, mesophyte, (m)-sm-temp-b'k(1)-3-oz1 EURAS,  
occasional apophyte, urban & suburban zones, KW: № 067023,  
075776, 075802.
417. *Taraxacum bessarabicum* (Hornem.) Hand.-Mazz.  
Hemicryptophyte, xeromesophyte, suburban zone.
418. *Taraxacum officinale* Wigg. aggr.  
Hemicryptophyte, mesophyte, m-sm-temp-(arct)'oz(1)-3-k1 EUR,  
euapophyte, urban & suburban zones.

419. *Tragopogon major* Jacq. (~*Tragopogon dubius* Scop.)  
Hemicryptophyte, mesoxerophyte, sm-stemp'oz(1)-3 EUR,  
euapophyte, urban & suburban zones, KW: № 065229.
420. *Tragopogon podolicus* (DC.) Artemz. (*Tragopogon brevirostris* DC.)  
Hemicryptophyte, mesoxerophyte, sm-stemp'oz(1)-3-k1 EUR (\*),  
urban & suburban zones.
421. *Tragopogon pratensis* L.  
Hemicryptophyte, mesophyte, hemiapophyte, suburban zones, KW:  
№ 075772, 075771.
422. *Tragopogon ucrainicus* Artemz.  
Hemicryptophyte, mesoxerophyte, sm-stemp'k1-(3) EUR (\*),  
suburban zone, ERL, RDBU.
423. *Tripleurospermum inodorum* (L.) Sch. Bip.  
Therophyte, hemicryptophyte; mesophyte, sm-temp-b'oz1-3 EUR-  
WSIB, archaeophyte, urban & suburban zones, KW: № 065811,  
065238, 065239.
424. *Tussilago farfara* L.  
Hemicryptophyte, mesophyte, m/mo-sm-temp-b'oz1-3 EUR-WAS  
(OAS), suburban zone, hemiapophyte, KW: № 075786, 075787.
425. *Xanthium albinum* (Widder) H. Scholz  
Therophyte, hygromesophyte, sm-temp'k2-3 EUR, kenophyte, urban  
& suburban zones, KW: № 075781, 075782.
426. *Xanthium rupicola* Holub  
Therophyte, hygromesophyte, kenophyte, urban & suburban zones,  
KW: № 075765, 072803.
427. *Xanthium spinosum* L.  
Therophyte, hygromesophyte, kenophyte, urban & suburban zones.
428. *Xanthium strumarium* L.  
Therophyte, mesophyte, (m)-sm-temp'k2-3 EUR-(WAS), archaeophyte,  
urban & suburban zones.

## Balsaminaceae

429. *\*Impatiens glandulifera* Royle.  
Therophyte, hygromesophyte, strop-m-sm-temp'oz1-2 EURAS,  
kenophyte, suburban zone, KW: № 065821, 072710.
430. *Impatiens noli-tangere* L.

Therophyte, hygromesophyte, sm-temp-b'k(1)-3-oz1 EURAS+WAM, suburban zone.

431. *Impatiens parviflora* DC.

Therophyte, mesophyte, m/mo-sm'k(1)-3-oz1 EUR-MAS, kenophyte, urban & suburban zones, KW: № 067037, 065820, 064920.

## **Berberidaceae**

432. *Berberis vulgaris* L.

Phanerophyte, mesophyte, (m)/mo-sm/mo-(temp)'oz(1)-3 EUR, urban & suburban zones.

## **Betulaceae**

433. *Alnus glutinosa* Roth

Phanerophyte, hydrophyte, (m)/mo-sm-temp-(b)'oz1-3 EUR-(WSIB), suburban zone.

434. *Betula pendula* Roth

Phanerophyte, mesophyte, sm(mo)-temp-b'oz1-3 EUR-WSIB, urban & suburban zones.

435. *Betula pubescens* Ehrh.

Phanerophyte, hygrophyte, (sm)/mo-temp-b'oz1-3 EUR-SIB, suburban zone.

## **Boraginaceae**

436. *Anchusa officinalis* L.

Hemicryptophyte, xeromesophyte, sm-temp'k(1)-3-oz1 EUR, archaeophyte, urban & suburban zones.

437. *Anchusa procera* Besser

Hemicryptophyte, xeromesophyte, (m)-sm-temp'oz1-3 EUR, hemiapophyte, urban & suburban zones.

438. *Asperugo procumbens* L.

Hemicryptophyte, xeromesophyte, m-sm-temp-b'k(1)-3 EUR-WAS, euapophyte, urban & suburban zones.

439. *Borago officinalis* L.

- Therophyte, mesophyte, m/mo-sm-temp'oz1-2 EUR, kenophyte, suburban zone.
440. *Buglossoides arvensis* (L.) I.M. Johnst. (*Lithospermum arvense* L.)  
Therophyte, xeromesophyte, m-sm-temp-b'k(1)-3-oz1 EURAS-T-S-OSEC, archaeophyte, urban & suburban zones.
441. *Cynoglossum officinale* L.  
Hemicryptophyte, xeromesophyte, m-sm-temp-b'k(1)-3-oz1 EUR-(WAS), archaeophyte, urban & suburban zones.
442. *Echium russicum* J. F. Gmel.  
Hemicryptophyte, xerophyte, sm-stemp-b'k2-3 EUR (\*), suburban zone.
443. *Echium vulgare* L.  
Hemicryptophyte, xeromesophyte, m-sm-temp-b'oz1-3 EUR-WAS, euapophyte, urban & suburban zones, KW: № 065215, 065214, 065819.
444. *Lappula squarrosa* (Retz.) Dumort. (*Lappula myosotis* Moench, *Echinosperrum lappula* Lehm.)  
Hemicryptophyte, xeromesophyte, m-sm-temp-b'k(1)-3-oz1 EURAS, archaeophyte, urban & suburban zones.
445. *Lithospermum officinale* L.  
Hemicryptophyte, xeromesophyte, m-sm-temp'oz(1)-3-k1 EUR-WAS, hemiapophyte, urban & suburban zones.
446. *Lycopsis arvensis* L.  
Therophyte, xeromesophyte, m-sm-temp-b'k(1)-3-oz1 EUR, archaeophyte, urban & suburban zones.
447. *Myosotis arvensis* (L.) Hill (*Myosotis intermedia* Link )  
Therophyte, mesophyte, m/mo-sm-temp-b'oz(1)-3-k1 EUR-WAS, archaeophyte, suburban zone.
448. *Myosotis discolor* Pers.  
Therophyte, mesophyte, hemiapophyte, suburban zone.
449. *Myosotis laxa* Lehm. ~ *Myosotis scorpioides* aggr.  
Hemicryptophyte, mesohygrophyte, suburban zone.
450. *Myosotis micrantha* Pall.ex Lehm.  
Therophyte, xeromesophyte, m/mo-sm-temp-b'oz(1)-3-k1 EUR-WSIB, suburban zone.
451. *Myosotis scorpioides* L. (*Myosotis palustris* Roth.)  
Hemicryptophyte, mesohygrophyte, urban & suburban zone.

452. *Myosotis sparsiflora* J.C. Mikan ex Pohl  
Therophyte, mesophyte, m-sm-temp-b'k(1)-3 EUR-(WAS), occasional apophyte, suburban zone, KW: № 080591.
453. *Myosotis sylvatica* Ehrh. ex Hoffm.  
Therophyte, mesophyte, m/mo-sm-temp-b-arct'oz1-3 EURAS, suburban zone.
454. *Nonnea pulla* DC.  
Hemicryptophyte, xeromesophyte, m-sm-stemp'k(1)-3 EUR-WAS, hemiapophyte, suburban zone.
455. *Nonnea rossica* Steven ~ *Nonnea pulla* aggr.  
Hemicryptophyte, xeromesophyte, (m)-sm-temp'oz1-3 EURAS (\*), hemiapophyte, suburban zone.
456. *Pulmonaria angustifolia* L.  
Hemicryptophyte, xeromesophyte, sm-temp'oz(1)-3 EUR, suburban zones, RR.
457. *Pulmonaria obscura* Dumort. ~ *Pulmonaria officinalis* aggr.  
Hemicryptophyte, mesophyte, sm-temp-b'oz(1)-3 EUR, suburban zone.
458. *Pulmonaria officinalis* L.  
Hemicryptophyte, mesophyte, sm-temp-b'oz(1)-3 EUR, suburban zone.
459. *Symphytum officinale* L.  
Hemicryptophyte, mesohygrophyte, sm-temp'oz1-3 EUR-(WAS), suburban zone.

## Brassicaceae

460. *Alliaria petiolata* (M. Bieb.) Canavara & Grande  
Hemicryptophyte, hygromesophyte, m/mont-temp'k1-6 EUR-WAS, (N) NAM, euapophyte, urban & suburban zones.
461. *Arabidopsis thaliana* (L.) Heynh. (*Sisymbrium thalianum* Gay et Monnard.)  
Therophyte, mesoxerophyte, trop/mo OAFR+m/mo-sm-temp-(b)'k1-5 EUR-ZAS, kenophyte, urban zone.
462. *Arabis gerardii* (Besser) Besser ex Koch. (*Arabis planisiliqua* (Pers.) Reichenb.)



- Hemicryptophyte, mesophyte, sm.temp'oz(1)-3-k1 EUR-WSIB, urban & suburban zones, KW: № 080863.
463. *Arabis nemorensis* (Hoffm.) W.D.J. Koch ~ *Arabis hirsuta* aggr.  
Hemicryptophyte, hygromesophyte, sm-b'k3-6 EUR-WAS, urban & suburban zones.
464. \**Armoracia rusticana* P.Gaertn., B.Mey. & Scherb. (*Cochlearia armoracia* L., *Nasturtium armoracia* Fr.)  
Hemicryptophyte, hygromesophyte, sm-temp'k2-5 EUR, (N) AM, kenophyte, suburban zone.
465. *Barbarea arcuata* (Opiz ex J.Presl & C.Presl.) Rchb.  
Hemicryptophyte, mesophyte, sm-b'k1-9 EUR-AS, occasional apophyte, urban & suburban zones, KW: № 080868.
466. *Barbarea stricta* Andrz.  
Hemicryptophyte, mesophyte, sm-temp-b'k2-7 EUR-WAS, urban & suburban zones.
467. *Berteroa incana* (L.) DC.  
Hemicryptophyte, geophyte; sm-temp'k3-6 EUR-WAS, (N) temp-(b).k2 EUR, NAM, xeromesophyte, hemiapophyte, urban & suburban zones, KW: № 064919, 064924; 067067; 067064; 067063, 080608.
468. *Brassica campestris* L.  
Therophyte, xeromesophyte, sm-b'k1-8 EUR, archaeophyte, urban & suburban zones.
469. *Brassica juncea* (L.) Czern.  
Therophyte, mesoxerophyte, m-sm'k7-8 AS, kenophyte, urban zone, KW: № 080488.
470. \**Brassica napus* L.  
Therophyte, hemicryptophyte; xeromesophyte, kenophyte, suburban zone.
471. *Brassica nigra* (L.) W.D.J. Koch  
Therophyte, xeromesophyte, m-temp'k1-5 EUR-(WAS), (N) AM, kenophyte, suburban zone.
472. *Bunias orientalis* L.  
Hemicryptophyte, geophyte; xeromesophyte, sm(mo)-temp-b'k2-6 EUR-WAS; temp EAM, kenophyte, urban & suburban zones, KW: № 078047, 078048, 078049, 080615.

473. *Camelina microcarpa* Andrz.  
Therophyte, hemicryptophyte; mesoxerophyte, m-temp'k3-7 EUR-AS, archaeophyte, urban & suburban zones.
474. \**Camelina sativa* (L.) Crantz  
Therophyte, xeromesophyte, sm-b'k4-5 OEUR-WAS, urban & suburban zones.
475. *Capsella bursa-pastoris* (L.) Medik.  
Therophyte, hemicryptophyte; mesophyte, austr+m-b'k1-7 CIRCPO, archaeophyte, urban & suburban zones, KW: № 067076; 067068.
476. *Cardamine amara* L.  
Hemicryptophyte, geophyte; hygromesophyte, sm-temp-(b)'k2-5 EUR (WSIB), urban & suburban zones.
477. *Cardamine dentata* L. ~ *Cardamine pratensis* aggr.  
Hemicryptophyte, geophyte; hygrophyte, sm/mo-arct'k1-7 CIRCPO, urban & suburban zones, KW: № 080869.
478. *Cardamine pratensis* L.  
Hemicryptophyte, geophyte; hygromesophyte, sm/mont-temp'k2-7 CIRCPO, urban & suburban zones.
479. *Cardaria draba* (L.) Desv.  
Geophyte, mesoxerophyte, m-temp'k2-8 EUR-WAS+AM, kenophyte, urban & suburban zones.
480. *Diplotaxis muralis* (L.) DC.  
Hemicryptophyte, mesoxerophyte, (m)-sm-temp'k1-4 EUR, (N) AM, urban & suburban zones.
481. *Diplotaxis tenuifolia* (L.) DC.  
Chamaephyte, mesoxerophyte, (m)-sm-temp'k1-4 EUR, (N) AM, kenophyte, urban zone, KW: № 080605.
482. *Descurania sophia* (L.) Webb ex Prantl  
Therophyte, hemicryptophyte; mesoxerophyte, m-(b)'k2-9 EURAS, (N) AM, SAFR, archaeophyte, urban & suburban zones, KW: № 080604.
483. *Draba nemorosa* L.  
Therophyte, xeromesophyte, sm-b'k3-9 CIRCPO, occasional apophyte, urban & suburban zones, KW: № 080862.
484. *Erophila verna* (L.) Besser

- Therophyte, xeromesophyte, sm-temp-(b)k1-5 EUR-WAS, hemiapophyte, urban & suburban zones, KW: № 080864, 080872.
485. *Erucastrum armoracioides* (Czern. ex Turcz.) Cruchet  
Hemicryptophyte, therophyte, mesoxerophyte, m-sm'k6-9 EUR-WAS, euapophyte, urban & suburban zones.
486. *Erysimum cheiranthoides* L.  
Therophyte, mesophyte, sm-b'k2-7 EUR-AS, archaeophyte, urban & suburban zones, KW: № 067070, 080606, 080859, 080866.
487. \**Hesperis sibirica* L. ~ *Hesperis matronalis* aggr.  
Hemicryptophyte, mesophyte, temp-sm'k5-8 EUR-AS, kenophyte, urban & suburban zones.
488. *Lepidium densiflorum* Schrad.  
Therophyte, mesoxerophyte, sm-temp'k3-8 OAM-(WAM), (N) sm-temp.k2-5 EUR, kenophyte, urban & suburban zones, KW: № 067066; 067069, 080861.
489. *Lepidium latifolium* L.  
Geophyte, xeromesophyte, m-temp'k4-9+ lit EUR-ZAS, (N) NAM, urban & suburban zones.
490. *Lepidium ruderae* L.  
Therophyte, hygromesophyte, m-b'k2-7 EUR-AS, (N) AM, AUSTR, AFR, archaeophyte, urban & suburban zones.
491. *Lepidium sativum* L.  
Therophyte, mesophyte, boreostrop OAFR, kenophyte, suburban zone.
492. \**Lunaria annua* L.  
Therophyte, mesophyte, (m)-sm'oz2-(3) EUR, kenophyte, suburban zone, KW: № 078044, 078045, 078046.
493. *Lunaria rediviva* L.  
Hemicryptophyte, hygromesophyte, sm/mo-temp(demo)'k2-5 EUR, urban & suburban zones. RDBU
494. *Neslia paniculata* (L.) Desv.  
Therophyte, xeromesophyte, (sm/mo)-temp-(b)'k 2-6 EUR-WAS, (N) AM, archaeophyte, urban zone.
495. *Raphanus raphanistrum* L. (*Raphanistrum innocuum* Medik.)  
Therophyte, xeromesophyte, m-temp-(b)'k1-6 EUR, archaeophyte, urban & suburban zones, KW: № 080858.
496. \**Raphanus sativus* L.

- Therophyte, hemicryptophyte; xeromesophyte, kenophyte, suburban zone, KW: № 080613.
497. *Rorippa amphibia* (L.) Besser (*Nasturtium amphibium* R. Br., *Cochlearia amphibia* Led.)  
Geophyte, hydrophyte; hydrophyte, (m)-m-temp'k2-7 EUR-SIB, (N) AM, urban & suburban zones, KW: № 080610.
498. *Rorippa brachycarpa* (S.A. Mey.) Hayek (*Nasturtium brachicarpum* C.A. Mey.)  
Hemicryptophyte, mesophyte, sm-temp'k5-9-k1 EEUR-WAS, urban & suburban zones, KW: № 080860, 080873, 080874.
499. *Rorippa palustris* (L.) Besser (*Nasturtium palustre* Dec.)  
Hemicryptophyte, hygromesophyte, (m)-arct'k1-9 CIRC POL, hemiaphyte, urban & suburban zones, KW: № 080607.
500. *Rorippa sylvestris* (L.) Besser (*Nasturtium sylvestre* (L.) R. Br.)  
Hemicryptophyte, geophyte; hygromesophyte, sm-temp'k1-6 EUR-WAS, (N) AM, occasional apophyte, urban & suburban zones, KW: № 067071, 080609, 080611, 080612, 080616, 080865.
501. *Sinapis alba* L.  
Therophyte, xeromesophyte, m-sm'k1-5 EUR; austr+m-b'k1-7 CIRC POL, archaeophyte, suburban zone.
502. *Sinapis arvensis* L. (*Brassica sinapistrum* Boiss.)  
Therophyte, xeromesophyte, m-temp-b'k1-5 EUR-WAS, (N) austr+m-b CIRC POL, archaeophyte, suburban zone, KW: № 080867.
503. *Sisymbrium altissimum* L. (*Sisymbrium pannonicum* Jacq.)  
Therophyte, xeromesophyte, m-temp'k2-8 EUR-WAS, (N) NAM, kenophyte, urban & suburban zones, KW: № 064472, 064473; 067074; 067073; 067072; 067065, 080614.
504. *Sisymbrium loeselii* L.  
Therophyte, xeromesophyte, m-temp'k2-8 EUR-WAS, (N) NAM, kenophyte, urban & suburban zones, KW: № 080870, 080871.
505. *Sisymbrium officinale* (L.) Scop.  
Therophyte, xeromesophyte, m-temp'k1-6 EUR-WAS, (N) m-temp AM, AUSTR, archaeophyte, urban & suburban zones, KW: № 064474, 064925; 067075; 067062, 078041, 078042.
506. *Sisymbrium polymorphum* (Murray) Roth  
Hemicryptophyte, mesoxerophyte, m-temp'k1-3 AS-EEUR, kenophyte, urban zone.

507. *Thlaspi arvense* L.

Therophyte, xeromesophyte, sm-b'k1-8 CIRCPO, archaeophyte, urban & suburban zones, KW: № 078043.

508. *Turritis glabra* L.

Hemicryptophyte, mesophyte, m-sm-b'k2-7 EUR-WAS, (N) AM, OAS, AUST, urban & suburban zones.

## Caesalpiaceae

509. \**Gleditsia triacanthos* L.

Phanerophyte, xeromesophyte, kenophyte, urban & suburban zones.

## Campanulaceae

510. *Campanula bononiensis* L.

Hemicryptophyte, xeromesophyte, sm-(temp)'k(1)-2 EUR-(WSIB), suburban zone, RR.

511. *Campanula glomerata* L.

Hemicryptophyte, mesophyte, sm/mo-temp-b'k(1)-3 EURAS, suburban zones, KW: № 076564, 076565, 076566.

512. *Campanula patula* L.

Hemicryptophyte, mesophyte, sm/mo-temp-b'oz(1)-3-k1 EUR, urban & suburban zones, KW: № 065249, 065248, 065247.

513. *Campanula persicifolia* L.

Hemicryptophyte, mesophyte, sm/(mo)-temp-b'oz2-3 EUR, urban & suburban zones.

514. *Campanula rapunculoides* L.

Hemicryptophyte, mesophyte, sm/mo-temp-b'oz(1)-3 EUR-(WSIB), occasional apophyte, urban & suburban zones, KW: № 072802; 076822, 076823, 076824, 076825, 076826, 076827, 076828, 076829, 076830.

515. *Campanula rotundifolia* L.

Hemicryptophyte, mesophyte, m/moAM+(sm/mo)-temp-arct'oz1-3 EUR-WSIB-AM, urban & suburban zones, KW: № 065216, 076562, 076563.

516. *Campanula sibirica* L.

Hemicryptophyte, mesophyte, sm-(temp)'k(1)-2 EUR-WSIB, hemiapophyte, urban & suburban zones, KW: № 067225, 076568, 076567.

517. *Campanula trachelium* L.

Hemicryptophyte, mesophyte, (m)/mo-sm/mo-temp'oz1-3 EUR-(WSIB), urban & suburban zones.

518. *Jasione montana* L.

Hemicryptophyte, xeromesophyte, m/mo-sm-temp'oz1-3 EUR, occasional apophyte, urban & suburban zones, KW: № 080505, 080506, 080564, 080563.

## Cannabaceae

519. *Cannabis ruderalis* Janisch. ~ *Cannabis sativa* aggr. (*Cannabis sativa* L. subsp. *spontanea* Serebr.)

Therophyte, mesophyte, strop-sm-temp'k1-(3) AS-OEUR, kenophyte, urban & suburban zones.

520. \**Cannabis sativa* L.

Therophyte, mesophyte, boreostrop-sm'k1-(3) AS-OEUR, kenophyte, urban & suburban zones.

521. *Humulus lupulus* L.

Hemicryptophyte, mesophyte, m-temp'(oz1-3) EUR-WAS, occasional apophyte, urban & suburban zones.

## Caprifoliaceae

522. \**Lonicera caprifolium* L.

Phanerophyte, mesophyte, kenophyte, urban & suburban zones.

523. \**Lonicera tatarica* L.

Phanerophyte, mesophyte, kenophyte, suburban zone.

524. *Lonicera xylosteum* L.

Phanerophyte, mesophyte, urban & suburban zones.

## Caryophyllaceae

525. *Agrostemma githago* L.

- Therophyte, xeromesophyte, m-sm-temp-(b)'oz1-3 EURAS, archaeophyte, suburban zone.
526. *Alsine media* L. (*Stellaria media* (L.) Vill.)  
Therophyte, hygromesophyte, austr-(trop)/mo-m/sm-temp-b-arct'oz1-3 CIRCPO, euapophyte, urban & suburban zones, KW: № 064917, 080544, 080545, 080550.
527. *Arenaria leptocladus* (Rchb.) Guss.  
Therophyte, mesoxerophyte, m-sm-temp'oz1-(3) EUR, urban & suburban zones.
528. *Arenaria serpyllifolia* L.  
Therophyte, mesoxerophyte, m-sm-temp'(b).k1-3 EUR-WAS, euapophyte, urban & suburban zones.
529. *Cerastium arvense* L.  
Chamaephyte, mesoxerophyte, (m)/mo-sm/mo-temp-(b)'(oz (1)-3) CIRCPO, occasional apophyte, urban & suburban zones.
530. *Cerastium holosteoides* Fr. ~ *Cerastium fontanum* aggr.  
Chamaephyte, hygromesophyte, antarct-austr-trop/mo-m-sm-temp-b-arct'oz1-3 CIRCPO, hemiapophyte, urban & suburban zones, KW: № 080550.
531. *Cerastium semidecandrum* L.  
Therophyte, xeromesophyte, sm-stemp'oz1-(3) EUR, urban & suburban zones, KW: № 080512, 080514.
532. *Cocciganthe flos-cuculi* (L.) Fourr.  
Hemicryptophyte, hygrophyte, sm/mo-temp-b'oz1-3 EUR-WSIB, urban & suburban zones, KW: № 080520, 080518, 080515, 080517, 080516, 067230.
533. *Dianthus barbatus* L.  
Hemicryptophyte, mesophyte, sm/mo-(temp)'oz2-3 EUR+OAS, kenophyte, suburban zone, KW: № 080559, 080558.
534. *Dianthus borbassii* Vandas  
Hemicryptophyte, mesoxerophyte, (m)/mo-sm-(temp)'oz1-(3) EUR, urban & suburban zones, KW: № 080532 – 080537, 080539 – 080541.
535. *Dianthus deltoides* L.  
Chamaephyte, mesophyte, sm/mo-temp-(b)'oz(1)-3 EUR-(WSIB), urban & suburban zones, KW: № 080538.
536. *Dianthus eugeniae* Kleopow

- Hemicryptophyte, mesophyte, temp-(sm)k2 EUR, urban & suburban zones, KW: № 080554, 080555, 080556.
537. *Dianthus pineticola* Kleopow (*Dianthus fischeri* Spreng)  
Hemicryptophyte, mesoxerophyte, (sm)-temp-b'k2 EURAS, urban & suburban zones, KW: № 080551, 080552, 080553, RR.
538. *Dianthus stenocalyx* Juz.  
Hemicryptophyte, mesophyte, sm-temp'oz2-3 OEUR, suburban zone.
539. *Herniaria glabra* L.  
Therophyte, hemicryptophyte; xeromesophyte, m-sm-temp'k(1)-3 EUR-WAS, euapophyte, urban & suburban zones.
540. *Herniaria polygama* J. Gay (*Herniaria odorota* Andr. ex Schmalh.)  
Therophyte, xerophyte, (m)-sm-stemp'k(1)-3 EUR, hemiapophyte, urban & suburban zones.
541. *Melandrium album* (Mill.) Garcke  
Hemicryptophyte, therophyte; xeromesophyte, m/mo-sm-b'oz 1-3 EURAS, hemiapophyte, urban & suburban zones, KW: № 080519, 080557, 080543.
542. *Moehringia trinervia* (L.) Clairv.  
Hemicryptophyte, hygromesophyte, m/mo-sm/mo-temp-(b)'oz1-3 EUR-(WAS), urban & suburban zones, KW: № 080521, 080546, 080547.
543. *Myosoton aquaticum* (L.) Moench  
Hemicryptophyte, hygrophyte, sm-temp'oz1-3 EURAS, euapophyte, urban & suburban zones, KW: № 080510, 080509.
544. *Oberna behen* (L.) Ikonn.  
Chamaephyte, hemicryptophyte; mesophyte, m/mo-sm-temp-(b)'oz1-3 EURAS, urban & suburban zones, KW: № 080522, 080507.
545. *Otites borysthenicus* (Grun.) Klovov  
Hemicryptophyte, xeromesophyte, sm-temp-b'k1-3 EUR-AS, urban & suburban zones, KW: № 067217, 080530, 080529.
546. *Psammophiliella muralis* (L.) Ikonn. (*Gypsophila muralis* L.)  
Therophyte, mesophyte, sm-temp-b'oz2-3-k1 EURAS, hemiapophyte, urban & suburban zones.
547. *Sagina nodosa* (L.) Fenzl  
Hemicryptophyte, hygromesophyte, temp-b-(arct)'oz1-3 EUR-SIB+OAM, urban & suburban zones.



548. *Sagina procumbens* L.  
Chamaephyte, hemicryptophyte, mesophyte, (m)/mo-sm-temp-b'oz1-3 EUR-WAS+OAM+(WAM), hemiapophyte, urban & suburban zones, KW: № 080531.
549. *Saponaria officinalis* L.  
Hemicryptophyte, mesophyte, sm-temp'oz1-3 EUR-(WSIB), kenophyte, urban & suburban zones, KW: № 065245, 065246, 072583, 080528, 080526, 080525, 080524, 080523.
550. *Scleranthus annuus* L.  
Therophyte, xeromesophyte, (m)-sm-temp-(b)'oz1-3 EUR, archaeophyte, urban & suburban zones.
551. *Scleranthus perennis* L.  
Hemicryptophyte, xeromesophyte, sm/mo-temp'oz(1)-3 EUR, urban & suburban zones, KW: № 037640, 080527.
552. *Silene chlorantha* (Wild.) Ehrh.  
Hemicryptophyte, xeromesophyte, sm-temp'k1-2 EUR-WSIB, urban & suburban zones.
553. *Silene dichotoma* Ehrh.  
Hemicryptophyte, therophyte; xeromesophyte, m-sm/temp subk EUR, hemiapophyte, urban & suburban zones.
554. *Silene nutans* L.  
Hemicryptophyte, xeromesophyte, sm/mo-temp'oz(1)-3 EUR-WSIB, urban & suburban zones, KW: № 080513, 080508, 080562.
555. *Silene tatarica* (L.) Pers.  
Chamaephyte, xeromesophyte, (sm)-temp-b'k2 EUR, occasional apophyte, urban & suburban zones.
556. *Spergula arvensis* (L.) Clairv.  
Therophyte, mesophyte, m-b'oz1-3 EUR-WAS, archaeophyte, urban & suburban zones.
557. *Spergularia rubra* (L.) J. Presl. & S. Presl. (*Spergularia rubra* Pers.)  
Hemicryptophyte, mesophyte, m-sm-temp-(b)'oz1-3 EURAS-CIRCPOl, euapophyte, urban & suburban zones.
558. *Stellaria graminea* L.  
Hemicryptophyte, mesophyte, m/mo-sm-temp'b oz1-3 EURAS, euapophyte, urban & suburban zones.
559. *Stellaria hippoctona* (Czem.) Klokov (*Stellaria subulata* Boeber ex Schlecht.)

Hemicryptophyte, mesophyte, m-sm-temp-b'k(1)-3 EUR-WAS-SIB, urban & suburban zones, KW: № 080542, 080548.

560. *Stellaria holostea* L.

Chamaephyte, hemicryptophyte; mesophyte, sm/mo-temp-(b)'oz1-3 EUR-(WSIB), urban & suburban zones.

561. *Stellaria nemorum* L.

Hemicryptophyte, hygromesophyte, sm/mo-temp/demo-b'oz(1)-3 EUR, urban & suburban zones.

562. *Stellaria palustris* Retz.

Hemicryptophyte, hygrophyte, sm/mo-temp-b'k(1)-3 EURAS, urban & suburban zones, KW: № 080511, 080549.

563. *Steris viscaria* (L.) Raf.

Hemicryptophyte, mesophyte, sm/mo-temp-(b)'oz2-3 EUR-(WSIB), urban & suburban zones.

564. *Vaccaria hispanica* (Mill.) Rauschert

Therophyte, mesophyte, sm/mo-temp-(b)'oz2-3 EUR-(WSIB), suburban zone.

## Celastraceae

565. *Euonimus europaea* L.

Phanerophyte, mesophyte, mesophyte, m/mo-sm-temp'oz1-3 EUR, suburban zone.

566. *Euonimus verrucosa* Scop.

Phanerophyte, mesophyte, sm-temp-b'oz(1)-3-k1 EUR-WSIB (\*), suburban zone.

## Ceratophyllaceae

567. *Ceratophyllum demersum* L.

Hydrophyte, subhydrophyte, austr-trop'(hum) disj+m-temp-(b) CIRCPO, suburban zone, KW: № 080504.

## Chenopodiaceae

568. \* *Atriplex hortensis* L. (*Atriplex hortense* L.)

- Therophyte, mesophyte, m-sm-temp-b'oz1-3 EUR, kenophyte, urban & suburban zones.
569. *Atriplex patula* L. (*Atriplex patulum* L.)  
Therophyte, mesophyte, m-sm-temp-(b)'oz1-3 EUR-SIB+AM, euapophyte urban & suburban zones.
570. *Atriplex prostrata* Boucher ex DC (*Atriplex sagittata* Borkh.)  
Therophyte, mesophyte, m-sm-temp-b'oz1-3 EUR+MAS+AM, archaeophyte, urban & suburban zones.
571. *Atriplex rosea* L.  
Therophyte, xeromesophyte, m-sm-(temp)-b'k2-(3) EUR-WAS, euapophyte, urban & suburban zones.
572. *Atriplex sagittata* Borkh. (*Atriplex nitens* Schkur.)  
Therophyte, mesoxerophyte, m-sm-temp'k1-(3) EUR-WAS, archaeophyte, urban & suburban zones.
573. *Atriplex tatarica* L. (*Atriplex laciniata* L.)  
Therophyte, xeromesophyte, m-sm-(temp)-b'k1-2 EUR-MAS-ZAS, kenophyte, urban & suburban zones.
574. \**Beta vulgaris* L.  
Hemicryptophyte, mesophyte, m-sm-temp'k2-3+lit EUR-WAS, kenophyte, suburban zone.
575. *Blitum glaucum* L. (*Chenopodium glaucum* L.)  
Therophyte, mesophyte, (m)-sm-temp-(b)'k1-3 EURAS, hemiapophyte, urban & suburban zones.
576. *Blitum rubrum* L. (*Chenopodium rubrum* L.)  
Therophyte, mesophyte, m/mo-sm-temp-(b)'oz1-3 CIRC POL, kenophyte urban & suburban zones.
577. *Blitum urbicum* (L.) Mosyakin (*Chenopodium urbicum* L.)  
Therophyte, mesoxerophyte, m-sm-temp-(b)'k1-(3) EURAS, euapophyte, urban & suburban zones.
578. *Blitum virgatum* L. (*Chenopodium foliosum* Asch.)  
Therophyte, mesophyte, m/mo-sm/(mo)-(temp)'k1-2 EUR-WAS, hemiapophyte, urban & suburban zones.
579. *Ceratocarpus arenarius* L.  
Therophyte, xerophyte, kenophyte, urban & suburban zones.
580. *Chenopodium album* L.  
Therophyte, xeromesophyte, sm-temp-b'oz1-3 EURAS, euapophyte, urban & suburban zones.

581. *Chenopodium hybridum* L.  
Therophyte, mesoxerophyte, (m)/mo-sm-temp-(b)'k1-3 EURAS, archaeophyte, urban & suburban zones.
582. *Chenopodium murale* L.  
Therophyte, xeromesophyte, m-sm-(temp)'k2-3 EUR-WAS, archaeophyte, urban & suburban zones.
583. *Chenopodium polyspermum* L.  
Therophyte, xeromesophyte, sm-temp'oz(1)-3 EUR-WSIB, archaeophyte, urban & suburban zones.
584. *Chenopodium strictum* Roth  
Therophyte, mesoxerophyte, kenophyte urban & suburban zones.
585. *Corispermum hyssopifolium* L.  
Therophyte, mesoxerophyte, sm-(temp)'k2 OEUR, kenophyte, urban & suburban zones.
586. *Dysphania botrys* (L.) Mosyakin & Clemants (*Chenopodium botrys* L.)  
Therophyte, xerophyte, m-sm-temp'k1-(3) EURAS, kenophyte, urban zone.
587. *Kali tragus* (L.) Scop. (*Salsola tragus* L. s.str., *Salsola iberica* (Sennen & Pau) Botsch.)  
Therophyte, xerophyte, m-sm'lit EUR-(WAS), kenophyte, urban & suburban zones.
588. *Kochia laniflora* (S.G. Gmel.) Borbás  
Therophyte, xerophyte, (m)-sm-(temp)'k1-3 EUR-WAS, kenophyte, urban & suburban zones.
589. *Kochia scoparia* (L.) Schrad.  
Therophyte, mesoxerophyte, boreostrop-m-sm-(temp)'k1-(3) OEUR-AS, kenophyte, urban & suburban zones.
590. *Polycnemum arvense* L.  
Therophyte, xerophyte, m-sm-temp'k1-3 EUR-WAS, kenophyte, urban & suburban zones.
591. *Polycnemum majus* A. Braun  
Therophyte, xerophyte, sm-temp'k(1)-3 EUR+(WAS), hemiapophyte, urban & suburban zones.
592. *Salsola kali* L. subsp. *pontica* (Pall.) Mosyakin  
Therophyte, xerophyte, m-sm-(temp)'k1-2 EURAS+WAM+lit EUR, kenophyte, urban & suburban zones.
593. \**Spinacia oleracea* L.

Therophyte, mesophyte, m-sm:k2 VORDAS, kenophyte, suburban zone.

## Cistaceae

594. *Helianthemum nummularium* (L.) Mill. (*Helianthemum vulgare* Gaertn)

Chamaephyte, mesophyte, sm-temp'oz1-3 EUR (\*), suburban zone.

## Convolvulaceae

595. *Calystegia sepium* (L.) R. Br.

Hemicryptophyte, hygromesophyte, austr-temp'oz(1)-3-k1 CIRCPOl, urban & suburban zones, KW: № 065211 – 065213; 064933, 064934; 080494.

596. *Convolvulus arvensis* L.

Hemicryptophyte, mesophyte, austr-strop-trop-m-sm-temp'oz(1)-3-k1 CIRCPOl, euapophyte, urban & suburban zones, KW: № 065217, 080493.

## Cornaceae

597. \**Swida alba* (L.) Opiz (*Cornus alba* L.)

Phanerophyte, mesophyte, temp-b'oz1-3 EURAS, kenophyte, urban & suburban zones.

598. *Swida sanguinea* (L.) Opiz (*Cornus sanguinea* L.)

Phanerophyte, mesophyte, m-sm-temp'oz(1)-3 EUR, urban & suburban zones, KW: № 067039.

## Corylaceae

599. *Carpinus betulus* L.

Phanerophyte, mesophyte, sm/mo-temp'oz(1)-(3) EUR, suburban zone.

600. *Coryllus avellana* L.

Phanerophyte, mesophyte, (m)/mo-sm/mo-temp-(b) 'oz1-3 EUR, suburban zone.

## Crassulaceae

601. \**Aizopsis aizoon* (L.) Grulich (*Sedum aizoon* L.)

Hemicryptophyte, xeromesophyte, m-sm-temp-b'oz(1)-3-k1 EUR-WAS, kenophyte, suburban zone, KW: № 072865.

602. *Hylotelephium maximum* (L.) Holub. (*Sedum maximum* (L.) Hoffm.)

Hemicryptophyte, xeromesophyte, sm/mo-temp'oz2-3 EUR, hemiapophyte, urban & suburban zones.

603. *Hylotelephium polonicum* (Blocki) Holub ~ *Hylotelephium maximum* aggr.

Hemicryptophyte, xeromesophyte, m/mo-sm-temp-b'oz1-3 EURAS, urban & suburban zones, KW: № 064929.

604. *Sedum acre* L.

Chamaephyte, xerophyte, (m)/mo-sm-temp-(b) 'oz1-3 EUR, occasional apophyte, urban & suburban zones, KW: № 067038.

605. *Sempervivum ruthenicum* Schnittsp. & C.B. Lehn.

Chamaephyte, xerophyte, m-sm-stemp'oz(1)-3 EUR (\*), suburban zones, KW: № 064930, RR.

## Cucurbitaceae

606. *Brionia alba* L.

Geophyte, xeromesophyte, sm-temp'oz2-3 EUR, kenophyte urban & suburban zones.

607. \**Echinocystis lobata* (Michx.) Torr. & A. Gray

Therophyte, hygromesophyte, kenophyte, urban & suburban zones.

608. \**Thladiantha dubia* Bunge

Geophyte, mesophyte, kenophyte, urban & suburban zones.

## Cuscutaceae (Convolvulaceae s. l.)

609. *Cuscuta europaea* L.

Therophyte, hygromesophyte, m-sm-temp-b'k(1)-3-oz1 EURAS, euapophyte, urban & suburban zones.

610. *Cuscuta lupuliformis* Krock.

Therophyte, mesophyte, m-sm-temp'k(1)-3 EUR-WAS-(OAS), euapophyte, urban & suburban zones.

## Dipsacaceae

611. *Knautia arvensis* (L.) Coult.

Hemicryptophyte, mesophyte, (m/mo)-sm-temp-(b) 'oz1-3 EUR-(WSIB), hemiapophyte, urban & suburban zones, KW: № 075817; 075818; 075819,080485, 080484, 080483.

612. *Scabiosa ochroleuca* L.

Hemicryptophyte, mesoxerophyte, sm-(temp) 'k(1)-2 EUR-WSIB, suburban zone.

613. *Succisa pratensis* Moench (*Scabiosa sussica* L.)

Therophyte, hygromesophyte, suburban zone.

## Droseraceae

614. *Drosera rotundifolia* L.

Hemicryptophyte, hygrophyte, (m)/mo-sm/mo'oz1-2-temp-b.(oz1-3) CIRCPOl, suburban zone.

## Elaeagnaceae

615.\**Elaeagnus angustifolia* L.

Phanerophyte, mesophyte, m-sm-temp'k1-2 EURAS, kenophyte, suburban zone.

616. \**Hippophaë rhamnoides* L.

Phanerophyte, mesophyte, kenophyte, urban & suburban zones.

## Elatinaceae

617. *Elatine alsinastrum* L.

Therophyte, hygrophyte, m-sm-temp'k(1)-3-oz1 EUR-WAS, suburban zone.

618. *Elatine hydropiper* L.

Therophyte, hygrophyte, sm-temp-b'oz(1)-3-k1 EUR-(W-OSIB) (\*), suburban zone.

## **Ericaceae (excl. Pyrolaceae)**

619. *Calluna vulgaris* (L.)

Chamaephyte, xeromesophyte, m-sm-temp-b'oz1-3 EUR-WSIB, suburban zone.

## **Euphorbiaceae**

620. *Euphorbia cyparissias* L.

Hemicryptophyte, xeromesophyte, sm-temp'oz(1)-3 EUR, hemiapophyte, urban & suburban zones, KW: № 065822, 065823, 065254, 080603.

621. *Euphorbia esula* L.

Hemicryptophyte, xeromesophyte, urban & suburban zones, KW: № 075811, 075812, 075815, 075816, 080571.

622. *Euphorbia helioscopia* L.

Therophyte, xeromesophyte, archaeophyte, urban & suburban zones, KW: № 072685.

623. *Euphorbia kaleniczenkoi* Czern.

Hemicryptophyte, hygromesophyte, urban & suburban zones, KW: № 076013.

624. *Euphorbia lucida* Waldst. & Kit.

Hemicryptophyte, hygromesophyte, urban & suburban zones.

625. *Euphorbia palustris* L.

Hemicryptophyte, mesohygrophyte, sm-temp'k(1)-3 EUR, suburban zone.

626. *Euphorbia peplus* L.

Therophyte, xeromesophyte, trop-stropAFR+m-sm-temp'oz1-3 CIRC POL, archaeophyte, urban & suburban zones.

627. *Euphorbia semivillosa* Prokh.



Hemicryptophyte, xeromesophyte, sm-temp:k1-2 EURAS, urban & suburban zones.

628. *Euphorbia virgata* Waldst.& Kit.

Hemicryptophyte, mesophyte, occasional apophyte, urban & suburban zones, KW: № 065815; 075810, 075813, 075814, 075816; 076012, 076014.

629. *Mercurialis perennis* L.

Hemicryptophyte, mesophyte, m/mo-sm-temp'oz1-3 EUR, urban & suburban zones.

## Fabaceae

630. \**Amorpha fruticosa* L.

Phanerophyte, mesophyte, m-sm-temp'oz(1)-3 EUR+OAM (\*), kenophyte, urban & suburban zones, KW: № 064932; 072584; 071805.

631. *Anthyllis arenaria* (Rupr.) Juz.

Hemicryptophyte, xeromesophyte, boreostrop/salp OAFR+m/mo-temp-(b)'oz1-3 EUR, urban & suburban zones.

632. *Anthyllis macrocephala* Wender ~ *Anthyllis vulneraria* aggr.

Hemicryptophyte, xeromesophyte, sm-temp'oz(1)-3 EUR, suburban zone.

633. *Astragalus asper* Jacq.

Hemicryptophyte, xeromesophyte, sm:k2 EUR, suburban zone.

634. *Astragalus arenarius* L.

Hemicryptophyte, xeromesophyte, temp-(b) disj:k2 EUR, suburban zone, RDBU.

635. *Astragalus cicer* L.

Hemicryptophyte, xeromesophyte, sm-temp'oz2-3 EUR, occasional apophyte, urban & suburban zones, KW: № 065223, 065222, 065221.

636. *Astragalus glycyphyllos* L.

Hemicryptophyte, mesophyte, sm/mo-temp.oz(1)-3'oz(1)-3 EUR+(WSIB), suburban zone.

637. \**Caragana arborescens* Lam.

Phanerophyte, mesophyte, sm-temp:k2-(3) EURAS, kenophyte, urban & suburban zones.

638. *Chamaecytisus ruthenicus* (Fisch. ex Wol.) Klaskova (*Cytisus ruthenicus* Fisch.)  
Phanerophyte, xeromesophyte, sm-temp'k1-3 EURAS (\*), suburban zone, KW: № 072575.
639. *Genista germanica* L.  
Phanerophyte, xeromesophyte, sm/mo-temp'oz2-(3) EUR, suburban zone, RR.
640. *Genista tinctoria* L.  
Phanerophyte, xeromesophyte, sm-temp'oz1-3 EUR-(WSIB), suburban zone, KW: № 072582; 072581; 067045.
641. *Lathyrus niger* (L.) Bernh. (*Orobus niger* L.)  
Hemicryptophyte, mesophyte, (m)/mo-sm/mo-temp'oz(1)-3 EUR, suburban zone.
642. *Lathyrus palustris* L.  
Hemicryptophyte, mesohygrophyte, (m)/mo-sm-b'oz1-3 CIRC POL, suburban zone.
643. *Lathyrus pratensis* L.  
Hemicryptophyte, mesophyte, boreostrop/moOAFR-(m)/m-sm-temp-(b)oz1-3 EUR-WAS-SIB, occasional apophyte, urban & suburban zones.
644. *Lathyrus sylvestris* L.  
Hemicryptophyte, mesophyte, sm/mo-temp'oz(1)-3 EUR, suburban zone.
645. *Lathyrus vernus* (L.) Bernh.  
Hemicryptophyte, mesophyte, sm/mo-temp-(b)oz(1)-3 EUR-WSIB, suburban zone.
646. \**Lens culinaris* Medik.  
Therophyte, mesophyte, m-sm'k(1)-3 EUR-WAS, kenophyte, suburban zone.
647. *Lotus arvensis* Pers. ~ *Lotus corniculatus* aggr.  
Hemicryptophyte, mesophyte, m/mo-sm-temp-(b)oz1-3 EUR, urban & suburban zones, KW: № 065224.
648. *Lotus corniculatus* L.  
Hemicryptophyte, mesophyte, trop/salp-strop/salp OAFR+m-sm-(b)oz1-3 EUR-(AS), hemiapophyte, urban & suburban zones, KW: № 071801; 071810.
649. \**Lupinus luteus* L.

- Therophyte, mesophyte, m-(sm) 'oz1-2 EUR, kenophyte, suburban zone.
650. \**Lupinus polyphyllus* Lindl.  
Hemicryptophyte, mesophyte, m/mo-temp'oz2 EUR-WAM, kenophyte, suburban zone.
651. *Medicago falcata* L. aggr.  
Hemicryptophyte, mesophyte, (m)-sm-temp'k1-3 EUR-WAS (\*), hemiapophyte, urban & suburban zones, KW: № 072563; 072564; 072568; 072578; 071808; 071811.
652. *Medicago lupulina* L.  
Hemicryptophyte, mesophyte, m/mo-sm-temp'oz(1)-3 EURAS, euapophyte, urban & suburban zones. KW: № 072560; 072567; 072573; 072574; 072590; 071809; 071803; 072698.
653. \**Medicago sativa* L.  
Hemicryptophyte, xeromesophyte, m-sm-temp'k2 EUR-VORDAS-(MAS), kenophyte, urban & suburban zones, KW: № 072566; 072570; 072571; 072585; 072589; 072688; 072689; 072690; 071800; 072694.
654. *Melilotus albus* Medik  
Hemicryptophyte, xeromesophyte, m-temp'k(1)-3 EUR-WAS, urban & suburban zones, hemiapophyte, KW: № 072569; 071806; 071804.
655. *Melilotus officinalis* (L.) Pall.  
Hemicryptophyte, xeromesophyte, m-temp-(b) 'k(1)-3 EUR-WAS, hemiapophyte, urban & suburban zones, KW: № 072798.
656. \**Onobrychis vicifolia* Scop.  
Hemicryptophyte, xeromesophyte, wohl(m)-sm'k2-3 EUR, kenophyte, urban & suburban zones.
657. *Ononis arvensis* L.  
Hemicryptophyte, xeromesophyte, sm-temp'k1-(3) EUR-WAS, hemiapophyte, suburban zone, KW: № 072702; 072703; 067223.
658. \**Pisum sativum* L.  
Therophyte, mesophyte, m-sm'k2 VORDAS, kenophyte, suburban zone.
659. \**Robinia pseudoacacia* L.  
Phanerophyte, mesophyte, (m)-sm-(temp) 'oz2-3 EUR-OAM, kenophyte, urban & suburban zones.
660. *Securigera varia* (L.) Lassen (*Coronilla varia* L.)

- Hemicryptophyte, xeromesophyte, (m)/mo-sm-(temp) 'oz2-3 EUR, occasional apophyte, suburban zone, KW: № 072587; 072686.
661. *Trifolium alpestre* L.  
Hemicryptophyte, xeromesophyte, sm/mo-temp'oz2-3 EUR, urban & suburban zones, KW: № 072556; 072565; 072577; 072586; 072696; 072697; 072699; 072799.
662. *Trifolium arvense* L.  
Therophyte, xeromesophyte, m/mo-sm-temp-(b) 'oz1-3 EUR-WSIB, occasional apophyte, urban & suburban zones, KW: № 072557; 072558; 072559; 072591; 071802.
663. *Trifolium aureum* Pollich (*T. agrarium* L., non untiq̄ue rei. prop.)  
Therophyte, xeromesophyte, sm/mo-temp'oz2-3 EUR-(WSIB), occasional apophyte, urban & suburban zones.
664. *Trifolium campestre* Schreb. (*Trifolium procumbens* L.)  
Hemicryptophyte, xeromesophyte, boreostrop OAFR-m-sm-temp'oz1-3 EUR, hemiapophyte, urban & suburban zones.
665. *Trifolium dubium* Sibth.  
Hemicryptophyte, xeromesophyte, sm-temp'oz1-3 EUR, occasional apophyte, urban & suburban zones.
666. *Trifolium fragiferum* L.  
Hemicryptophyte, xeromesophyte, m-temp'k(1)-3 EUR-WAS, occasional apophyte, suburban zone.
667. *Trifolium hybridum* L.  
Hemicryptophyte, hygromesophyte, sm/mo-temp'oz2-3 EUR, kenophyte, urban & suburban zones.
668. *Trifolium medium* L.  
Hemicryptophyte, mesophyte, sm/mo-temp-(b) 'oz1-3 EUR-(WSIB), urban & suburban zones.
669. *Trifolium montanum* L.  
Hemicryptophyte, mesophyte, sm/mo-temp.oz2-3 EUR-(WSIB), occasional apophyte, urban & suburban zones, KW: № 072800; 072801.
670. *Trifolium pratense* L.  
Hemicryptophyte, mesophyte, m/mo-sm-b'oz 1-3 EUR-WAS, urban & suburban zones, KW: № 072588; 072579; 072576; 072580.
671. *Trifolium repens* L.

Hemicryptophyte, mesophyte, m/mo-sm-temp-b-(arct) 'oz1-3 CIRC POL, euapophyte, urban & suburban zones, KW: № 072687; 072695; 072700.

672. *Trifolium scabrum* L.

Hemicryptophyte, xeromesophyte, m-sm-(temp) 'oz1-(3) EUR, occasional apophyte, urban & suburban zones.

673. *Trifolium spadiceum* L.

Hemicryptophyte, hygromesophyte, (sm)/salp-temp/demo-b'oz2-3 EUR-(WSIB), suburban zone.

674. *Vicia angustifolia* Reichard

Therophyte, xeromesophyte, m-sm-temp-(b) 'oz1-3 EUR-(WAS), kenophyte, urban & suburban zones.

675. *Vicia cassubica* L.

Hemicryptophyte, xeromesophyte, (m)/mo-sm/mo-temp'oz2-3 EUR, suburban zone.

676. *Vicia cracca* L.

Hemicryptophyte, mesophyte, (m)/mo-sm-temp-b'oz1-3 EURAS, hemiapophyte, urban & suburban zones KW: № 067034; 072701; 072572.

677. *Vicia dumetorum* L.

Hemicryptophyte, xeromesophyte, sm/mo-temp'oz2-(3) EUR, suburban zone.

678. *Vicia hirsuta* (L.) S.F. Grey

Therophyte, xeromesophyte, (m)/mo-sm/mo-temp-(b) 'oz1-3 EUR-WAS, archaeophyte, urban & suburban zones.

679. *Vicia sativa* L.

Therophyte, xeromesophyte, m-temp-(b) 'oz1-3 EUR-WAS, kenophyte, urban & suburban zones.

680. *Vicia sepium* L.

Hemicryptophyte, mesophyte, (m)/mo-sm/mo-temp-b'oz1-3 EUR-WSIB, hemiapophyte, urban & suburban zones.

681. *Vicia sylvatica* L.

Hemicryptophyte, mesophyte, (sm)/mo-temp/demo-(b) 'oz(1)-3 EUR-WSIB, suburban zone.

682. *Vicia tenuifolia* Roth

Hemicryptophyte, xeromesophyte, m/mo-sm-temp'k(1)-3 EURAS, hemiapophyte, urban & suburban zones.

683. *Vicia tetrasperma* (L.) Schreb.

Therophyte, xeromesophyte, m-temp'oz(1)-3 EUR-WAS, archaeophyte, urban & suburban zones, KW: № 072561; 072562.

684. *Vicia villosa* Roth

Hemicryptophyte, xeromesophyte, (m)-sm-temp'oz(2)-3 EUR-(WAS), archaeophyte, urban & suburban zones.

## Fagaceae

685. *Quercus robur* L.

Phanerophyte, mesophyte, sm/mo-temp'oz1-3 EUR, urban & suburban zones.

686.\**Quercus rubra* L.

Phanerophyte, mesophyte, temp-b'oz1-3-k1 AM-NEUR, kenophyte, urban & suburban zones.

## Fumariaceae (Papaveraceae s. l.)

687. *Corydalis solida* (L.) Clairv.

Geophyte, mesophyte, (m)/mo-sm/(mo)-temp-(b) 'oz(1)-3 EUR, suburban zone.

688. *Fumaria officinalis* L.

Therophyte, mesophyte, m-sm-temp-(b) 'oz1-3 EUR, archaeophyte, urban & suburban zones.

689. *Fumaria schleicheri* Soy.-Willem.

Therophyte, mesophyte, m-sm'k(1)-2 EUR-WAS, archaeophyte, suburban zone, KW: № 071807.

690. *Fumaria vaillantii* Loisel.

Therophyte, xeromesophyte, sm/mo-sm-(temp) 'k(1)-3 EUR-WAS, archaeophyte, urban zone.

## Gentianaceae

691. *Centaurium erythraea* Rafn

Hemicryptophyte, mesophyte, m-sm-temp-b'k(1)-3-oz1 EUR-WAS (\*), suburban zone, RR.

692. *Centaurium pulchellum* (Sw.) Druce

Therophyte, mesophyte, m-sm-temp:k1-3+lit EUR-WAS, suburban zone, RR.

## Geraniaceae

693. *Erodium cicutarium* (L.) L'Her.

Therophyte, mesoxerophyte, austr-strop-m-sm-temp-b'oz(1)-3-k1 CIRCPOl, euapophyte, urban & suburban zones.

694. *Geranium divaricatum* Ehrh.

Therophyte, mesoxerophyte, m-sm-temp:k(1)-3 EUR-WAS, occasional apophyte, urban & suburban zones.

695. *Geranium molle* L.

Therophyte, mesophyte, kenophyte, urban & suburban zones.

696. *Geranium palustre* L.

Hemicryptophyte, mesophyte, sm/mo-temp'oz(1)-3 EUR, suburban zone.

697. *Geranium pratense* L.

Hemicryptophyte, mesophyte, m/mo-sm-temp:k(1)-3 EURAS, occasional apophyte, urban & suburban zones.

698. *Geranium pusillum* L.

Hemicryptophyte, mesophyte, m-sm-temp'oz(1)-3 EUR-WAS, archaeophyte, urban & suburban zones.

699. *Geranium robertianum* L.

Hemicryptophyte, mesophyte, m-sm-temp-b.oz1-3 CIRCPOl, hemiapophyte, urban & suburban zones.

700. *Geranium sanguineum* L.

Hemicryptophyte, mesophyte, m/mo-temp'oz(1)-3 EUR, suburban zone.

701. *Geranium sibiricum* L.

Hemicryptophyte, mesophyte, strop-m-sm-temp'oz(1)-3-k1 EUR-WAS (\*), kenophyte, urban & suburban zones.

702. *Geranium sylvaticum* L.

Hemicryptophyte, mesophyte, sm/mo-temp-b'oz(1)-3 EUR-WSIB, suburban zone.

## Grossulariaceae

703. *Grossularia uva-crispa* (L.) Mill.

Phanerophyte, mesophyte, m-sm-temp'oz1-3 EUR (\*), suburban zone.

704. *Ribes nigrum* L.

Phanerophyte, mesophyte, (m/mo)-sm/mo-temp-(b) 'k(1)-3 EURAS, suburban zone.

705. \**Ribes rubrum* L.

Phanerophyte, mesophyte, sm-temp-b'oz1-3 EUR (\*), suburban zone.

## **Haloragaceae**

706. *Myriophyllum spicatum* L.

Geophyte, hydrophyte, stropOAFR+m-sm-temp-b'oz(1)-3 EURAS, suburban zone, KW: № 067030, 067031, 067032, 067033.

707. *Myriophyllum verticillatum* L.

Geophyte, hydrophyte, m-sm-temp'b(1)-3-oz1 CIRC POL, suburban zone.

## **Hippocastanaceae (Sapindaceae s. l.)**

708. \**Aesculus hippocastanum* L.

Phanerophyte, mesophyte, kenophyte, urban & suburban zones.

## **Hippuridaceae (Plantaginaceae s. l.)**

709. *Hippuris vulgaris* L.

Geophyte, hydrophyte, suburban zone, RR.

## **Hydrangeaceae**

710. \**Philadelphus coronarius* L.

Phanerophyte, mesophyte, sm'oz2 disj EUR-VORDAS, kenophyte, urban & suburban zones.

## **Hydrophyllaceae (Boraginaceae s. l.)**

711. \**Phacelia tanacetifolia* Benth.



Therophyte, mesophyte, m-sm-temp'oz1-3-k1 (EUR)-WAM (\*),  
kenophyte, suburban zone.

## Hypericaceae

712. *Hypericum maculatum* Crantz

Hemicryptophyte, hygromesophyte, sm/mo-temp-b'oz1-3 EUR-  
WAS, suburban zone.

713. *Hypericum perforatum* L.

Hemicryptophyte, mesophyte, m-sm-temp-b'oz(1)-3-k1 EUR-WAS,  
occasional apophyte, suburban zone, KW: № 065824.

## Juglandaceae

714. *\*Juglans cinerea* L.

Phanerophyte, mesophyte, kenophyte, urban & suburban zones.

715. *\*Juglans regia* L.

Phanerophyte, mesophyte, m/mo-sm/mo'oz2-3 SOEUR-WAS,  
kenophyte, urban & suburban zones.

## Lamiaceae

716. *Acinos arvensis* (Lam.) Dandy (*Calamintha acinos* (L.) Clairv.)

Hemicryptophyte, xeromesophyte, sm-temp-b'oz1-3 EUR, occasional  
apophyte, urban & suburban zones

717. *Ajuga genevensis* L.

Hemicryptophyte, xeromesophyte, m-sm-temp'oz(1)-3-k1 EUR,  
occasional apophyte suburban zone.

718. *Ajuga reptans* L.

Hemicryptophyte, xeromesophyte, m/mo-sm-temp-b'oz1-3 EUR,  
occasional apophyte, suburban zone.

719. *Ballota nigra* L.

Hemicryptophyte, xeromesophyte, m-sm-temp'oz(1)-3-k1 EUR-  
WAS, archaeophyte, urban & suburban zones.

720. *Betonica officinalis* L.

Hemicryptophyte, mesophyte, m-sm-temp'oz(1)-3-k1 EUR-WAS,  
suburban zone, KW: № 065235, 065234.

721. *Chaiturus marrubiastrum* (L.) Rchb. (*Leonorus marrubiastrum* L.)  
Hemicryptophyte, mesophyte, m-sm-temp'k1-2 EUR-WAS, hemiapophyte,  
urban & suburban zones.
722. *Clinopodium vulgare* L. (*Calamintha clinopodium* Benth.)  
Hemicryptophyte, mesophyte, m-sm-temp'oz1-3 EUR-AM, suburban  
zone.
723. *Elsholtzia ciliata* (Thunb.) Hyl.  
Hemicryptophyte, xeromesophyte, strop/mo-m-sm-temp-b'oz(1)-3  
EUR-OAS-(WAS), kenophyte, urban & suburban zones,  
KW: № 080567, 080566.
724. *Galeopsis bifida* Boenn.  
Hemicryptophyte, xeromesophyte, sm-temp-b' (k(1)-3) EURAS.  
euapophyte, urban & suburban zones.
725. *Galeopsis ladanum* L.  
Therophyte, mesophyte, sm-temp-b'oz(1)-3-k1 EUR-WAS, archaeophyte,  
suburban zone.
726. *Galeopsis speciosa* Mill. (*Galeopsis versicolor* Curt., is non Spener)  
Therophyte, mesophyte, sm/mo-temp-b'oz(1)-3-k1 EUR-WAS,  
hemiapophyte, urban & suburban zones.
727. *Galeopsis tetrahit* L.  
Therophyte, xeromesophyte, hemiapophyte, urban & suburban  
zones.
728. *Glechoma hederacea* L.  
Hemicryptophyte, mesophyte, m/mo-sm-temp-b'oz1-3 EURAS,  
occasional apophyte, urban & suburban zones.
729. *Glechoma hirsuta* Waldst. & Kit.  
Hemicryptophyte, mesophyte, sm-stemp'oz(1)-3 EUR, urban &  
suburban zones.
730. *Lamium album* L.  
Hemicryptophyte, mesophyte, m/mo-sm-temp-b'oz1-3 EURAS,  
archaeophyte, urban & suburban zones.
731. *Lamium amplexicaule* L.  
Therophyte, xeromesophyte, m-sm-temp-b'oz(1)-3-k1 EUR-WAS,  
archaeophyte, suburban zone.
732. *Lamium galeobdolon* (L.) L.  
Hemicryptophyte, mesophyte, suburban zone.
733. *Lamium maculatum* (L.) L.

- Hemicryptophyte, mesophyte, sm-temp'oz(1)-3 EUR, hemiapophyte, suburban zone.
734. *Lamium purpureum* L.  
Hemicryptophyte, xeromesophyte, m/mo-sm-temp-b'oz1-3 EUR, archaeophyte, urban & suburban zones.
735. *Leonurus cardiaca* L.  
Hemicryptophyte, xeromesophyte, archaeophyte, urban & suburban zones
736. *Leonurus villosus* Desf. ex D'Urv.  
Hemicryptophyte, xeromesophyte, m-sm-temp-b'k(1)-3 EUR-WSIB, euapophyte, urban & suburban zones, KW: № 067027.
737. *Lycopus europaeus* L.  
Hemicryptophyte, hygrophyte, m-sm-temp'oz(1)-3-k1 EUR-WAS, occasional apophyte, suburban zone, KW: № 065208.
738. *Lycopus exaltatus* L.  
Hemicryptophyte, hygrophyte, m-sm-stemp'k(1)-3 EUR-WAS, occasional apophyte, suburban zone.
739. *Mentha aquatica* L.  
Hemicryptophyte, hygrophyte, austr-stropAFR+m-sm-temp'oz1-3 EUR, suburban zone.
740. *Mentha arvensis* L.  
Hemicryptophyte, hygromesophyte, stropAM+m-sm-temp-b'oz1-3 CIRCPOl, occasional apophyte, suburban zone.
741. *Mentha x verticillata* L. (*M. aquatica* x *M. arvensis* )  
Hemicryptophyte, hygromesophyte, sm-temp'oz1-3 EUR (\*), suburban zone.
742. *Nepeta cataria* L.  
Hemicryptophyte, xeromesophyte, m-sm-temp'oz1-3 EUR-WAS, archaeophyte, urban & suburban zones.
743. *Origanum vulgare* L.  
Hemicryptophyte, xeromesophyte, m/mo-sm-temp-b'oz1-3 EUR-WAS-SIB, suburban zone, RR.
744. *Phlomis tuberosa* L.  
Geophyte, xeromesophyte, m-sm-temp'k1-2 EURAS (\*), suburban zone, RR.
745. *Prunella vulgaris* L.

- Hemicryptophyte, xeromesophyte, m/mo-sm-temp-b'oz1-3 CIRCPOl, occasional apophyte, urban & suburban zones.
746. *Salvia pratensis* L.  
Hemicryptophyte, xeromesophyte, sm-temp'oz(1)-3 EUR, suburban zone.
747. *Salvia verticillata* L.  
Hemicryptophyte, xeromesophyte, m-sm-temp'oz(1)-3 EUR-(WAS), kenophyte, suburban zone.
748. *Scutellaria galericulata* L.  
Hemicryptophyte, mesohygrophyte, m-sm-temp-b'k(1)-3-oz1 CIRCPOl, suburban zone, KW: № 064936, 065206.
749. *Scutellaria hastifolia* L.  
Hemicryptophyte, xeromesophyte, sm-temp-b'k(1)-3 EUR-WSIB, suburban zone, KW: № 076253.
750. *Stachys palustris* L.  
Hemicryptophyte, hygrophyte, sm-temp-b'oz(1)-3 CIRCPOl, hemiapophyte, suburban zone, KW: № 065232.
751. *Stachys recta* L.  
Hemicryptophyte, xeromesophyte, sm/mo-temp'oz(1)-3 EUR, suburban zone.
752. *Stachys sylvatica* L.  
Hemicryptophyte, hygromesophyte, m/mo-sm-temp-b'oz1-3 EUR-WAS, suburban zone.
753. *Teucrium scordium* L.  
Hemicryptophyte, mesohygrophyte, m-sm-temp'oz1-2 EUR, suburban zone.
754. *Thymus chamaedrys* L.  
Hemicryptophyte, mesophyte, m/mo-sm-stemp'oz(1)-3 EUR-VORDAS, suburban zone.
755. *Thymus marschallianus* Willd.  
Chamaephyte, xeromesophyte, (m)-sm-temp'k1-3 EURAS (\*), suburban zone.
756. *Thymus serpyllum* L.  
Chamaephyte, mesoxerophyte, temp-b'k(1)-3-oz1 EUR, suburban zone.

## Lentibulariaceae

757. *Utricularia vulgaris* L.

Hygrophyte, hygrophyte, strop-m-sm-temp-b'oz1-3 CIRC POL, suburban zone, KW: № 080590.

## Linaceae

758. \**Linum usitatissimum* L.

Therophyte, mesoxerophyte, kenophyte, urban zone, KW: № 067061.

## Lythraceae

759. *Lythrum salicaria* L.

Hemicryptophyte, mesohygrophyte, m-sm-temp-b'oz(1)-3-k1 EURAS, hemiapophyte, suburban zone.

760. *Lythrum virgatum* L.

Hemicryptophyte, mesohygrophyte, sm-temp'oz(1)-3-k1 EUR-(WSIB-OSIB) (\*), suburban zone.

## Malvaceae (excl. Tiliaceae)

761. *Althaea officinalis* L.

Hemicryptophyte, mesophyte/hygromesophyte, m-sm-temp'k(1)-3 lit EUR-WAS, archaeophyte, suburban zone.

762. *Lavatera thuringiaca* L.

Hemicryptophyte, xeromesophyte, m-sm-temp'k1-3 EUR-WAS, hemiapophyte, suburban zone.

763. \**Malva excisa* Rchb.

Hemicryptophyte, mesophyte, temp'oz1-3 EURAS (\*), hemiapophyte, urban & suburban zones.

764. \**Malva mauritiana* L.

Hemicryptophyte, xeromesophyte, strop/mo-m-sm-temp'oz(1)-3 CIRC POL (\*), kenophyte, suburban zone.

765. *Malva neglecta* Wallr.

Hemicryptophyte, xeromesophyte, m-sm-temp'k1-3 EUR-WAS, archaeophyte, urban & suburban zones, KW: № 072709.

766. *Malva pusilla* Smith

Hemicryptophyte, xeromesophyte, m-sm-temp:k1-3 EUR-WAS, archaeophyte, urban & suburban zones.

## Moraceae

767. \**Morus alba* L.

Phanerophyte, mesophyte, sm-temp:oz2 EUR-OAS, kenophyte, urban & suburban zone.

768. \**Morus nigra* L.

Phanerophyte, mesophyte, m/mo-sm-temp:oz3 EUR-WAS, kenophyte, urban & suburban zone.

## Nymphaeaceae

769. *Nuphar lutea* (L.) Smith

Hydrophyte, hydrophyte, (m)-sm-b' (oz(1)-3) EUR-WSIB, suburban zone.

770. *Nymphaea alba* L.

Hydrophyte, hydrophyte, (m)-sm-temp-(b) ' (oz1-3) EUR, suburban zone, RR.

771. *Nymphaea candida* S. Presl.

Hydrophyte, hydrophyte, sm-temp-(b) 'k2-3 EUR-WSIB, suburban zone, RR.

## Oleaceae

772. *Fraxinus excelsior* L.

Phanerophyte, mesophyte, sm-temp:oz1-3 EUR, urban & suburban zones.

773. \**Fraxinus pennsylvanica* Marshall

Phanerophyte, mesophyte, kenophyte, urban zone.

774. *Ligustrum vulgare* L.

Phanerophyte, mesophyte, kenophyte, suburban zone.

775. \**Syringa vulgaris* L.

Phanerophyte, mesophyte, kenophyte, urban & suburban zones.

## Onagraceae

776. *Chamerion angustifolium* (L.) Holub  
Hemicryptophyte, mesophyte, m-sm-temp-b'oz(1)-3-k1 CIRC POL,  
occasional apophyte, urban & suburban zones.
777. *Circaea alpina* L.  
Hemicryptophyte, hygromesophyte, suburban zone.
778. *Circaea lutetiana* L.  
Hemicryptophyte, hygromesophyte, m/mo-sm-temp'oz1-3 EUR-WAS,  
suburban zone.
780. *Epilobium adenocaulon* Hausskn. ~ *Epilobium ciliatum* aggr.  
Hemicryptophyte, mesophyte, kenophyte, urban & suburban zones.
781. *Epilobium hirsutum* L.  
Hemicryptophyte, hygromesophyte, austr-strop/mo AFR+m-  
temp'oz(1)-3-k1 EURAS, urban & suburban zones, KW: № 076252,  
076254, 080480.
782. *Epilobium montanum* L.  
Hemicryptophyte, mesophyte, m/mo-sm-temp-b'oz1-3 EUR-WAS,  
occasional apophyte, urban & suburban zones.
783. *Epilobium palustre* L.  
Hemicryptophyte, hygromesophyte, m-sm-temp-b-arct'oz1-3 CIRC POL,  
suburban zone.
784. *Epilobium parviflorum* Schreb.  
Hemicryptophyte, mesophyte, m-sm-temp'oz1-3 EUR-WAS,  
occasional apophyte, urban & suburban zones, KW: № 080481,  
080482, 080479.
785. *Epilobium roseum* Schreb.  
Hemicryptophyte, hygromesophyte, m-sm-temp'oz(1)-3 EUR,  
suburban zone.
786. *Oenothera biennis* L.  
Hemicryptophyte, xeromesophyte, m-sm-temp-b'oz(1)-3-k1  
CIRC POL (\*), kenophyte, urban & suburban zones, KW: № 065817,  
065818, 076261, 076260, 076257, 076259, 076255, 076258.
787. *Oenothera depressa* E. Greene (*Oenothera villosa* Thunb.)  
Hemicryptophyte, xeromesophyte, kenophyte, urban & suburban  
zones, KW: № 076262, 076256.
788. *Oenothera rubricaulis* Klebahn ~ *Oenothera biennis* s.l.

Hemicryptophyte, xeromesophyte, m-sm-temp-b-arct'oz1-3 CIRC POL, kenophyte, urban & suburban zones.

## Orobanchaceae

789. *Phelipanche ramosa* (L.) Pomel

Therophyte, xeromesophyte, aust AFR+m-sm-stemp'oz(1)-3-k1 EUR, kenophyte, suburban zone.

## Oxalidaceae

790. *Oxalis acetosella* L.

Geophyte, hygromesophyte, m/mo-sm-temp-b'oz1-3 EURAS, suburban zone.

791. *Xanthoxalis stricta* (L.) Small (*Oxalis stricta* L.)

Geophyte, hygromesophyte, m-sm-temp-b'oz1-3-k1 EUR-WAS-(AM) (\*), kenophyte, urban & suburban zones, KW: № 067042, 067041, 067017.

## Papaveraceae

792. *Chelidonium majus* L.

Hemicryptophyte, mesophyte, m/mo-sm-temp-(b) · (oz1-3) EURAS, euapophyte, urban & suburban zones.

793. *Papaver argemone* L.

Therophyte, xeromesophyte, m-sm-temp'oz EUR., archaeophyte, urban zone.

794. *Papaver dubium* L.

Therophyte, xeromesophyte, m-sm-temp'oz1-(3) EUR+boreostrop/moAFR., archaeophyte, urban zone.

795. *Papaver rhoeas* L.

Therophyte, xeromesophyte, m-sm-temp'oz1-3 EUR, archaeophyte, urban & suburban zones.

796. \**Papaver somniferum* L.

Therophyte, xeromesophyte, kenophyte, urban & suburban zones.



## Phytolaccaceae

797. \**Phytolacca americana* L.

Hemicryptophyte, xeromesophyte, m-sm'oz1-3 OAM, kenophyte, urban zone.

## Plantaginaceae

798. *Plantago arenaria* Waldst. & Kit

Therophyte, mesoxerophyte, stropAFR+m-sm-temp'oz1-3 EUR-WAS, hemiapophyte, urban & suburban zones.

799. *Plantago lanceolata* L.

Hemicryptophyte, xeromesophyte, m-sm-temp-b'oz1-3 EUR-WAS, hemiapophyte, urban & suburban zones.

800. *Plantago major* L.

Hemicryptophyte, mesophyte, m/mo-sm-temp-b'oz1-3 CIRC POL, euapophyte, urban & suburban zones, KW: № 064926, 067029.

801. *Plantago media* L.

Hemicryptophyte, xeromesophyte, m-sm-temp-b'k(1)-3-oz1 EUR-WAS-SIB, euapophyte, urban & suburban zones.

## Polemoniaceae

802. \**Phlox paniculata* L.

Hemicryptophyte, xeromesophyte, kenophyte, urban zone.

803. *Polemonium caeruleum* L.

Hemicryptophyte, hygromesophyte, suburban zone, RR.

## Polygalaceae

804. *Polygala amarella* Crantz (*P. amara* L., *P. austriaca* Crantz., *P. uliginosa* Rchb.)

Hemicryptophyte, hygromesophyte, m/mo-sm-temp-b'oz1-3 EUR, suburban zone.

805. *Polygala comosa* Schkuhr

Hemicryptophyte, mesophyte, sm-temp'k(1)-3 EUR, suburban zone.

806. *Polygala vulgaris* L.

Hemicryptophyte, mesophyte, m/mo-sm-temp-b'oz1-3 EUR, suburban zone.

## Polygonaceae

807. *Bistorta officinalis* Delarbre

Hemicryptophyte, mesohygrophyte, (m)/alp-sm/mo-temp/(mo)-b (arct) · (k1-3) EURAS+(WAM), suburban zone.

808. \**Fagopyrum esculentum* Moench

Therophyte, mesophyte, m-sm'oz2-3 OAS, kenophyte, suburban zone.

809. *Fagopyrum tataricum* (L.) Gaertn.

Therophyte, mesophyte, m-sm'oz2-3 OAS, kenophyte, suburban zone.

810. *Fallopia convolvulus* (L.) Á. Löve

Therophyte, mesophyte, m-temp-b EURAS, archaeophyte, urban & suburban zones.

811. *Fallopia dumetorum* (L.) Holub

Therophyte, mesophyte, (m)/mo-sm/(mo)-temp'oz(1)-3 EURAS, euapophyte, urban & suburban zones.

812. *Persicaria amphibia* (L.) Delarbre

Geophyte, hygrophyte, (m)/mo-sm-b CIRCPO, suburban zone.

*Persicaria amphibia* (L.) Delarbre f. *terrestris*, KW: № 067012.

813. *Persicaria dubia* (Stein) Fourr.

Therophyte, hygrophyte, sm-temp'oz1-3 EUR, urban & suburban zones, KW: № 067049.

814. *Persicaria hydropiper* (L.) Delarbre

Therophyte, hygromesophyte, trop'hum OAS-m/mo-sm-temp-(b) · (oz1-3) EURAS, euapophyte, suburban zone, KW: № 067050, 067048.

815. *Persicaria lapathifolia* (L.) Delarbre

Therophyte, hygromesophyte, austr-strop' (hum)-m-(b) · (oz1-3) AFR-AUST-EURAS, hemiapophyte, urban & suburban zones.

816. *Persicaria maculosa* S.F.Gray

Therophyte, hygromesophyte, (boreostrop-m)-sm-temp' (oz1-3) EURAS, hemiapophyte, urban & suburban zones, KW: № 066759, 066760, 066761.

817. *Persicaria minor* (Huds.) Opiz

- Therophyte, hygrophyte, trop-strop'hum-(m)-temp-(b) · (oz1-3) EURAS, hemiapophyte, urban & suburban zones.
818. *Persicaria scabra* (Moench) Moldenke ~ *Persicaria lapathifolia* aggr.  
Therophyte, hygrophyte, m/mo-sm/mo-temp-b-(arct) · oz1-3-k1 EURAS-AM, hemiapophyte, urban & suburban zones.
819. *Polygonum aviculare* L. s.str.  
Therophyte, xeromesophyte, austr+m-b CIRCPO, euapophyte, urban & suburban zones, KW: № 067013, 067014.
820. \**Reynoutria japonica* Houtt.  
Geophyte, mesophyte, temp'oz2 OAS, kenophyte, urban & suburban zones.
821. \**Reynoutria sachalinensis* (F.Schmidt ex Maxim.) Nakai  
Geophyte, mesophyte, temp'oz2 OAS, kenophyte, urban zone.
822. *Rumex acetosa* L.  
Hemicryptophyte, hygromesophyte, (m)/mo-sm/mo'oz1-3-temp-arct EURAS-temp-b OAM, suburban zone.
823. *Rumex acetosella* L.  
Hemicryptophyte, xeromesophyte, m-sm-b-(arct) · (oz1-3) EURAS, hemiapophyte, suburban zone, KW: № 065244.
824. *Rumex aquaticus* L.  
Hemicryptophyte, hygrophyte, (sm)/mo-temp-b'k(1)-3 EURAS, suburban zone.
825. *Rumex confertus* Willd.  
Hemicryptophyte, mesophyte, (m)-sm-temp'k1-(3) EURAS, hemiapophyte, suburban zone.
826. *Rumex crispus* L.  
Hemicryptophyte, mesophyte, urspr.m/mo-temp-(b) · oz1-3 EUR-WAS, euapophyte, urban & suburban zones.
827. *Rumex hydrolapathum* Huds.  
Hemicryptophyte, hygromesophyte, (sm)-temp' (oz1-3) EUR, suburban zone.
828. *Rumex maritimus* L.  
Therophyte, hygromesophyte, m-temp'k1-3+lit EURAS, suburban zone.
829. *Rumex obtusifolius* L.  
Hemicryptophyte, mesophyte, (m)/mo-sm/mo-temp' (oz1-3) EUR, hemiapophyte, urban & suburban zones.

830. *Rumex thyrsiflorus* Fingerh.

Hemicryptophyte, mesophyte, sm-b'k1-(3) EURAS, suburban zone.

831. *Rumex ucranicus* Fisch. ex Spreng.

Therophyte, hygromesophyte, (m)-sm-temp'k1-2 EURAS, suburban zone, ERL, RDBU.

## Portulacaceae

832. *Portulaca oleracea* L.

Therophyte, xeromesophyte, austr-trop-medit-temp' (oz1-3) CIRC POL, archaeophyte, urban & suburban zones.

## Primulaceae (incl. Myrsinaceae)

833. *Anagallis arvensis* L.

Therophyte, mesophyte, m-sm-temp-b'oz1 EUR, archaeophyte, suburban zone.

834. *Hottonia palustris* L.

Hemicryptophyte, hygrophyte, sm-temp'oz(1)-3-k1 EUR, suburban zone.

835. *Lysimachia nummularia* L.

Hemicryptophyte, mesophyte, sm-temp'oz(1)-3 EUR, hemiapophyte, urban & suburban zones, KW: № 065209.

836. *Lysimachia punctata* L.

Hemicryptophyte, mesohygrophyte, suburban zone, KW: № 065241.

837. *Lysimachia verticillaris* Spreng.

Hemicryptophyte, mesohygrophyte, suburban zone.

838. *Lysimachia vulgaris* L.

Hemicryptophyte, mesohygrophyte, m-sm-temp-b'oz1-3 EURAS, urban & suburban zones, KW: № 065207.

839. *Naumburgia thyrsiflora* (L.) Rchb.

Hemicryptophyte, hygrophyte, temp-b'oz(1)-3-k1 CIRC POL (\*), suburban zone.

840. *Primula veris* L. (*Primula officinalis* (L.) Hill.)

Hemicryptophyte, mesophyte, m/mo-temp'oz1-2 EUR, suburban zone.

841. *Trientalis europaea* L.

Geophyte, hygromesophyte, temp-b'k1-3 CIRCPOl, suburban zone.

### **Pyrolaceae (Ericaceae s. l.)**

842. *Chimaphila umbellata* (L.) W. Barton (*Pyrola umbellata* L.)  
Chamaephyte, xeromesophyte, sm/mo-temp-b'k(1)-3 CIRCPOl,  
suburban zone.

843. *Ortilia secunda* (L.) House (*Pyrola secunda* L.)  
Chamaephyte, mesophyte, stropAM+m/mo-sm-temp-b-arct'oz1-3  
CIRCPOl, suburban zone.

844. *Pyrola rotundifolia* L.  
Chamaephyte, mesophyte, trop/moOAS+m/mo-sm-temp-b-arct'oz(1)-3-k1  
CIRCPOl, suburban zone.

### **Ranunculaceae**

845. *Actea spicata* L.  
Hemicryptophyte, mesophyte, sm/mo-temp-(b) 'oz(1)-3 EUR+(WSIB),  
suburban zone.

846. *Anemone nemorosa* L.  
Geophyte, mesophyte, sm/mo-temp-(b) 'oz1-3 EUR + OAS, suburban  
zone, RR.

847. *Anemone ranunculoides* L.  
Geophyte, mesophyte, sm/mo-temp'oz2-3 EUR, suburban zone.

848. *Anemone sylvestris* L.  
Hemicryptophyte, mesophyte, sm-temp-(b) 'k1-3 EUR-SIB, suburban  
zone.

849. *Aquilegia vulgaris* L.  
Hemicryptophyte, mesophyte, (m)/mo-sm/mo-temp'oz2-3 EUR, kenophyte,  
urban & suburban zones.

850. *Caltha palustris* L.  
Hemicryptophyte, hygrophyte, (m)/mo-sm/(mo)-temp-arct CIRCPOl,  
suburban zone.

851. *Clematis recta* L.  
Hemicryptophyte, xeromesophyte, sm-(temp) 'oz(2-3) EUR, suburban  
zone.

852. \**Consolida ajacis* (L.) Schur

- Therophyte, xeromesophyte, m-sm'oz1-(3) EUR, kenophyte, suburban zone.  
853. *Consolida regalis* S.F.Gray  
Therophyte, xeromesophyte, sm-temp'(k2-3) EUR + WAS, archaeophyte, urban & suburban zones, KW: № 065252.
854. *Ficaria verna* Huds. aggr. (*Ranunculus ficaria* L.)  
Geophyte, mesophyte, m/mo-sm-temp'oz1-3 EUR, euapophyte, urban & suburban zones.
855. *Myosurus minimus* L.  
Therophyte, hygromesophyte, m/mo-sm-temp'k(1)-3-oz1 EUR-WAS+AM, occasional apophyte, suburban zone.
856. *Ranunculus acris* L. (*Ranunculus acer* auct.)  
Hemicryptophyte, hygromesophyte, (m)/mo-sm/mo-temp-b-(arct)'oz1-3 EUR-WSIB, urban & suburban zones, KW: № 065219.
857. *Ranunculus auricomus* L.  
Hemicryptophyte, hygromesophyte, sm/mo-temp-b-(arct)'oz1-3 EUR-WSIB, suburban zone.
858. *Ranunculus cassubicus* L.  
Hemicryptophyte, hygromesophyte, temp-(b)'oz(2)-3 EUR, suburban zone.
859. *Ranunculus flammula* L.  
Hemicryptophyte, mesohygrophyte, (m)/mo-sm/mo-temp-(b)'oz1-3 EUR-WSIB, suburban zone.
860. *Ranunculus illyricus* L.  
Geophyte, mesophyte, sm-(temp)'k2 EUR, urban & suburban zones.
861. *Ranunculus lingua* L.  
Hemicryptophyte, hydrophyte, sm-temp-(b) EUR-WSIB, suburban zones.
862. *Ranunculus polyanthemos* L.  
Hemicryptophyte, mesophyte, (m)-sm-temp-(b)'(oz2-3) EUR-WSIB, occasional apophyte, suburban zone.
863. *Ranunculus repens* L.  
Hemicryptophyte, mesohygrophyte, (m)-sm-b EURAS, euapophyte, urban & suburban zones.
864. *Ranunculus sardous* Crantz  
Hemicryptophyte, mesophyte, m-temp'oz2-3 EUR, urban & suburban zones, KW: № 065218.
865. *Ranunculus sceleratus* L.

Therophyte, mesohygrophyte, (m)-sm-temp-(b)oz1-3 CIRC POL, occasional apophyte, urban & suburban zones.

866. *Thalictrum aquilegifolium* L.

Hemicryptophyte, hygromesophyte, sm/mo-temp-(b)oz2-3 EURAS, suburban zone.

867. *Thalictrum flavum* L.

Hemicryptophyte, mesohygrophyte, (m)-sm-temp-(b)oz(1)-3 EUR-SIB, suburban zone.

868. *Thalictrum lucidum* L. (*Thalictrum angustifolium* Jacq.)

Hemicryptophyte, mesohygrophyte, sm-temp(oz(2)-3) EUR, suburban zone, KW: № 067229, 080595, № 080596.

869. *Thalictrum minus* L.

Hemicryptophyte, xeromesophyte, austr+trop/mo AFR+m/mo-b(k1-3) EURAS+(ALASKA), occasional apophyte, suburban zone.

870. *Thalictrum simplex* L. subsp. *galioides* (Pers.) Korsch. (*Thalictrum galioides* Pers.)

Hemicryptophyte, mesophyte, sm/mo-temp-(b)k1-3 EURAS, suburban zone.

## Rhamnaceae

871. *Frangula alnus* Mill. (*Rhamnus frangula* L.)

Phanerophyte, mesophyte, sm-temp-b'oz(1)-3-k1 EUR-WAS, suburban zone.

872. *Rhamnus cathartica* L.

Phanerophyte, mesophyte, m/mo-sm-temp'oz(1)-3-k1 EUR-WAS, suburban zone.

## Rosaceae

873. *Agrimonia eupatoria* L.

Hemicryptophyte, mesophyte, m/mo-sm-temp'oz(1)-3 EUR-(WAS), hemiapophyte, suburban zone.

874. *Agrimonia pilosa* Ledeb.

Hemicryptophyte, mesophyte, strop/mo-m/mo'oz2-3 OAS-sm/mo-temp.k(1)-3 OEUR-AS, suburban zone.

875. \**Amelanchier spicata* (Lam.) K.Koch

Phanerophyte, mesophyte, kenophyte, urban & suburban zones.

876. \**Armeniaca vulgaris* Lam. (*Prunus armeniaca* L.)  
Phanerophyte, xeromesophyte, m/mo'k(1)-2 AS, kenophyte, suburban zone.
877. *Cerasus avium* (L.) Moench (*Prunus avium* (L.) L.)  
Phanerophyte, xeromesophyte, (m)/mo-sm/mo-(temp)'oz(1)-(3) EUR, kenophyte, suburban zone.
878. \**Cerasus vulgaris* Mill. (*Prunus cerasus* L.)  
Phanerophyte, mesophyte, sm'k2-3 VORDAS, kenophyte, suburban zone.
879. *Cotoneaster melanocarpus* Fisch. ex Blytt  
Phanerophyte, mesophyte, sm/(mo)-temp-(b)'k1-2 EURAS, occasional apophyte, urban & suburban zones.
880. *Crataegus laevigata* (Poir.) DC.  
Phanerophyte, mesophyte, occasional apophyte, suburban zone.
881. *Crataegus monogyna* Jacq.  
Phanerophyte, mesophyte, m/mo-sm-temp'oz1-3 EUR-WAS, kenophyte, urban & suburban zones.
882. \**Crataegus sanguinea* Pall.  
Phanerophyte, xeromesophyte, kenophyte urban & suburban zones.
883. *Crataegus rhipidophylla* Gand. (*C. curvisepala* Lindm.)  
Phanerophyte, xeromesophyte, sm-temp'oz(1)-3-k1 EUR, occasional apophyte, urban & suburban zones.
884. *Crataegus ucrainica* Pojark.  
Phanerophyte, mesophyte, suburban zone, IUCN RL, ERL, RDBU.
885. *Filipendula denudata* (J.Presl & C.Presl) Fritsch ~ *Filipendula ulmaria* (L.) Maxim.  
Hemicryptophyte, hygromesophyte, sm/(mo)-temp-b-(arct)'oz1-3 EUR-SIB, suburban zone.
886. *Filipendula ulmaria* (L.) Maxim.  
Hemicryptophyte, hygromesophyte, sm/(mo)-temp-b-(arct) EUR-SIB, suburban zone.
887. *Filipendula vulgaris* Moench (*F. hexapetala* Gilib., nom. inval.)  
Hemicryptophyte, xeromesophyte, m/mo-sm/demo-temp'oz(1)-3 EUR-WSIB, suburban zone.
888. *Fragaria vesca* L.  
Hemicryptophyte, mesophyte, (m)/mo-sm/mo-temp-(b)'oz1-3 EUR-WAS+O-(W)AM, suburban zone.



889. *Fragaria viridis* Duschesne  
Hemicryptophyte, xeromesophyte, (m)/mo-sm/(mo)-temp'oz(1)-3  
EUR-WAS, suburban zone.
890. *Geum aleppicum* Jacq. (*Geum strictum* Aiton)  
Hemicryptophyte, mesophyte, (m)/mo-sm/mo-temp-(b)'k(1)-3  
OEUR-AS-AM, hemiapophyte, suburban zone.
891. *Geum rivale* L.  
Hemicryptophyte, hygromesophyte, (m)/mo-sm/mo-temp-b'oz1-3  
EUR-WAS-AM, suburban zone.
892. *Geum urbanum* L.  
Hemicryptophyte, hygromesophyte, m/mo-sm-temp-(b)'oz1-3 EUR-  
WAS, hemiapophyte, urban & suburban zones, KW: № 080570.
893. \**Malus domestica* Borkh.  
Phanerophyte, mesophyte, kenophyte, urban & suburban zones.
894. *Malus praecox* (Pall.) Borkh.  
Phanerophyte, mesophyte, sm-temp'oz1-3 EUR, suburban zone.
895. *Malus sylvestris* Mill.  
Phanerophyte, mesophyte, m-sm-temp'oz1-3 EUR, occasional apophyte,  
suburban zone.
896. *Padus avium* Mill. (*Padus racemosa* (Lam.) Gilib.)  
Phanerophyte, hygromesophyte, sm/mo-temp-b'oz1-3 EURAS, urban  
& suburban zones.
897. \**Padus serotina* (Ehrh.) Ag.  
Phanerophyte, xeromesophyte, m-temp'oz1-3 OAM, kenophyte  
urban & suburban zones.
898. \**Padus virginiana* (L.) Roem.  
Phanerophyte, xeromesophyte, sm/mo-temp-(b)'k(1)-3 EUR-OAM,  
kenophyte, suburban zone.
899. \**Physocarpus opulifolius* (L.) Maxim.  
Phanerophyte, mesophyte, (m)-sm-temp'oz1-2 OAM, kenophyte,  
urban & suburban zones.
900. *Potentilla alba* L.  
Hemicryptophyte, mesophyte, sm/(mo)-temp'oz2-3 EUR, suburban  
zone.
901. *Potentilla anserina* L.  
Hemicryptophyte, mesophyte, austr-Neuseel-OAST+(m)/mo-sm-  
(b)'oz1-3 CIRCPOLE, hemiapophyte, urban & suburban zones.

902. *Potentilla argentea* L.  
Hemicryptophyte, xeromesophyte, sm/(mo)-temp-(b)oz1-3 EUR-WAS, euapophyte, urban & suburban zones.
903. *Potentilla canescens* Besser  
Hemicryptophyte, mesoxerophyte, sm-temp'k(1)-(3) EUR-WAS, hemiapophyte, urban & suburban zones.
904. *Potentilla cinerea* Chaix  
Hemicryptophyte, mesophyte, sm-temp'k2-3 EUR, suburban zone.
905. *Potentilla erecta* (L.) Raeusch. (*Potentilla sylvestris* Neck.)  
Hemicryptophyte, hygromesophyte, (m)/mo-sm/mo-temp-b'oz1-3 EUR-WAS, occasional apophyte, urban & suburban zones.
906. *Potentilla humifusa* Willd. ex Schlecht.  
Hemicryptophyte, mesophyte, m/mo-sm-stemp'oz(1)-3-k1 EUR-WAS, suburban zone.
907. *Potentilla incana* P. Gaerthn., B. Mey & Scherb. (*Potentilla arenaria* Borkh.)  
Hemicryptophyte, mesophyte, suburban zone.
908. *Potentilla intermedia* L.  
Hemicryptophyte, xeromesophyte, temp-(b)'k2-3 EUR, hemiapophyte, urban & suburban zones.
909. *Potentilla neglecta* Baumg. (*Potentilla impolita* auct. non Wahlenb.)  
Hemicryptophyte, xeromesophyte, suburban zone.
910. *Potentilla obscura* Willd. ~ *Potentilla recta*  
Hemicryptophyte, xeromesophyte, m-sm-temp-b'oz(1)-3-k1 EUR-WAS+AFR (\*), occasional apophyte, urban & suburban zones.
911. *Potentilla palustris* (L.) Scop.  
Chamaephyte, hygrophyte, (sm)/mo-temp-b-(arct)oz1-3 CIRC POL, suburban zone.
912. *Potentilla pilosa* Willd.  
Hemicryptophyte, mesophyte, suburban zone.
913. *Potentilla reptans* L.  
Hemicryptophyte, mesophyte, strop/moOAFR+m-sm-temp'oz1 -3 EUR-WAS, hemiapophyte, urban & suburban zones.
914. *Potentilla supina* L.  
Therophyte, mesophyte, (boreostrop)-m-sm-temp-(b)'disj+k(1)-3 CIRC POL, euapophyte, urban & suburban zones.

915. \**Prunus domestica* L.  
Phanerophyte, xeromesophyte, m/mo'k2 VORDAS-WAS,  
kenophyte, urban & suburban zones.
916. *Prunus spinosa* L.  
Phanerophyte, mesophyte, m/mo-sm-temp'ozl-3 EUR, suburban  
zone.
917. *Pyrus communis* L.  
Phanerophyte, mesophyte, m/(mo)-sm-(temp)'oz(l)-3 EUR, kenophyte,  
urban & suburban zones.
918. *Rosa canina* L.  
Phanerophyte, mesophyte, (m)/mo-sm-temp'oz1-3 EUR-(WAS),  
suburban zone.
919. *Rosa glabrifolia* C.A.Mey.  
Phanerophyte, mesophyte, suburban zone.
920. *Rosa glauca* Pourr.  
Phanerophyte, mesophyte, suburban zone.
921. \**Rosa rugosa* Thunb.  
Phanerophyte, xeromesophyte, kenophyte, urban & suburban zones.
922. *Rosa villosa* L. (*Rosa pomifera* Herrm.)  
Phanerophyte, mesophyte, sm/salp-temp-(b)'oz1-2 EUR, suburban  
zone.
923. *Rubus caesius* L.  
Phanerophyte, hygromesophyte, (m)/mo-sm-temp'(oz1-3) EUR-  
WAS, occasional apophyte, suburban zone.
924. *Rubus idaeus* L.  
Phanerophyte, mesophyte, sm/mo-temp-b'oz1-3 CIRCPOLE,  
occasional apophyte urban & suburban zones.
925. *Rubus saxatilis* L.  
Phanerophyte, mesophyte, sm/mo-temp-b'(k1-3) EUR-SIB, suburban  
zone.
926. *Sanquisorba officinalis* L.  
Phanerophyte, mesophyte, (m)/mo-sm-sm/mo-temp-b-(arct)'k1-3  
EURAS-(WAM), occasional apophyte urban & suburban zones.
927. *Sorbus aucuparia* L.  
Phanerophyte, mesophyte, m/salp-sm-temp-b'oz1-2 EUR, urban &  
suburban zones.
928. *Sorbus torminalis* (L.) Crantz

Phanerophyte, mesophyte, (m)/mo-sm/mo-temp'oz(1)-(3) EUR, urban & suburban zones.

929. *Spiraea chamaedryfolia* L.

Phanerophyte, mesophyte, kenophyte, urban & suburban zones.

930. *Spiraea media* F.Schmidt

Phanerophyte, mesophyte, sm-temp-(b)'k1-3 OEUR-SIB, kenophyte, suburban zone.

931. \**Spiraea salicifolia* L.

Phanerophyte, mesophyte, (sm)-temp-(b)'k1-(3) (NWAM)-AS-OEUR, kenophyte, suburban zone.

932. \**Spiraea x vanhouttei* (Briot) Zabel (*S. cantoniensis* Lour.x *S. trilobata* L.)

Phanerophyte, mesophyte, kenophyte, urban & suburban zones.

## Rubiaceae

933. *Cruciata glabra* (L.) Ehrend. (*Galium verum* Scop.)

Hemicryptophyte, mesophyte, (m/mo)-sm-stemp/demo'ozl-3 EUR+WAS, suburban zone.

934. *Galium aparine* L.

Therophyte, hygromesophyte, m-sm-temp-b'ozl-3 EUR-WAS-(OAS), euapophyte, suburban zone.

935. *Galium boreale* L.

Hemicryptophyte, mesophyte, (sm/mo)-temp-b'k1-3 CIRCPOLE, suburban zone.

936. *Galium glabratum* Klokov ~ *Galium verum* L.

Hemicryptophyte, mesophyte, sm-temp'k2 OEUR, suburban zone, KW: № 064923.

937. *Galium mollugo* L.

Hemicryptophyte, mesophyte, m/(mo)-sm-(temp)'ozl-2 EUR, suburban zone.

938. *Galium odoratum* (L.) Scop. (*Asperula odorata* L.)

Hemicryptophyte, (m)/mo-sm/mo-temp-b'ozl-3 EUR+(SIB)+sm/mo-temp.ozl-(2) OAS, mesophyte, suburban zone.

939. *Galium palustre* L.

Hemicryptophyte, mesohygrophyte, m-sm-temp-b'EUR-SIB+OAM, suburban zone.

940. *Galium physocarpum* Ledeb.  
Hemicryptophyte, mesophyte, urban & suburban zones.
941. *Galium rivale* (Sibth. & Smith) Griseb.  
Hemicryptophyte, mesohygrophyte, (m)-sm-temp'k2-3 EUR-(WAS),  
occasional apophyte, urban & suburban zones.
942. *Galium rubioides* L.  
Hemicryptophyte, mesophyte, suburban zone.
943. *Galium tinctorium* (L.) Scop. (*Asperula tinctoria* L.)  
Hemicryptophyte, mesophyte, (sm)-temp'k2-3 EUR-(WSIB), urban  
& suburban zones.
944. *Galium verum* L. (*Galium verum* L. var. *albescens* Illitschevski,  
nom. nuda)  
Hemicryptophyte, xeromesophyte, (m)-sm/mo-temp-(b)'oz1-3  
EURAS, urban & suburban zones, KW: № 065236, 065237.

## Rutaceae

945. \**Phellodendron amurense* Rupr.  
Phanerophyte, mesophyte, kenophyte, urban & suburban zones.
946. \**Ptelea trifoliata* L.  
Phanerophyte, mesophyte, sm-temp-b'oz1-3 EUR-AM (\*),  
kenophyte, urban & suburban zones.

## Salicaceae

947. *Populus alba* L.  
Phanerophyte, hygromesophyte, m-sm-(temp)'k1-(3) EUR-WAS,  
urban & suburban zones.
948. \**Populus balsamifera* L.  
Phanerophyte, mesophyte, (sm)/mo-temp-b'(k2-3) AM, kenophyte,  
urban & suburban zones.
949. *Populus x canescens* (Aiton) Smith (*P. alba* x *P. tremula*)  
Phanerophyte, mesophyte, (m)/mo-sm-(temp)-b'(k1-3) EURAS urban  
& suburban zones, KW: № 072530.
950. \**Populus deltoides* Marshall  
Phanerophyte, mesophyte, m-temp'(k2-3) OAM, kenophyte, urban &  
suburban zones, KW: № 072533.

951. \**Populus italica* (Du Roi) Moench ~ *Populus nigra* L.  
Phanerophyte, mesophyte, m/(demo)-temp'k(1)-3 EUR-WAS,  
kenophyte, urban & suburban zones.
952. *Populus nigra* L.  
Phanerophyte, mesophyte, m/(demo)-temp'k(1)-3 EUR-WAS, urban  
& suburban zones.
953. *Populus tremula* L.  
Phanerophyte, hygromesophyte, (m)/mo-sm/mo-temp-b'(k1-3) EURAS,  
suburban zone, KW: № 072531.
954. *Salix acutifolia* Willd.  
Phanerophyte, hygromesophyte, m/salp-sm/demo-temp'k(1)-2 OEUR-  
WAS, suburban zone, KW: № 072535, 072536, 072552, 072553.
955. *Salix alba* L.  
Phanerophyte, hygromesophyte, m/(demo)-sm-temp'k(1)-3 EUR-  
WAS, urban & suburban zones, KW: № 072529.
956. *Salix aurita* L.  
Phanerophyte, mesohygrophyte, (sm)/mo-temp-(b)'oz1-3 EUR, urban  
& suburban zones.
957. \**Salix babylonica* L.  
Phanerophyte, mesohygrophyte, m-sm EURAS, kenophyte, urban &  
suburban zones.
958. \**Salix x blanda* Andersson (*S. alba* x *S. fragilis*)  
Phanerophyte, mesophyte, m-sm-temp' oz2-(3) OEUR, kenophyte,  
urban & suburban zones, KW: № 072532;
959. *Salix caprea* L.  
Phanerophyte, hygromesophyte, sm/mo-temp-b EURAS, urban &  
suburban zones.
960. *Salix cinerea* L.  
Phanerophyte, hygromesophyte, (m)/mo-sm/mo-temp-(b).(oz 2-3)  
EUR-WSIB, suburban zone.
961. *Salix fragilis* L.  
Phanerophyte, mesophyte, (m)/mo-sm/mo-temp.oz1-3 EUR-(WAS),  
archaeophyte, urban & suburban zones, KW: № 072550, 072554.
962. *Salix pentandra* L.  
Phanerophyte, hygrophyte, (sm)/mo-temp-b.k(1)-3 EURAS,  
suburban zone, KW: № 072534.
963. *Salix rosmarinifolia* L. ~ *Salix repens* aggr.

Phanerophyte, hygromesophyte, occasional apophyte, sm-temp-b'k1-3 EUR-SIB (\*), suburban zone, KW: 072551.

964. *Salix triandra* L.

Phanerophyte, mesohygrophyte, (m)/mo-sm-temp-(b)(k1-3) EURAS, suburban zone, KW: № 072528.

965. *Salix viminalis* L.

Phanerophyte, mesohygrophyte, (m)-sm-temp-(b)k1-(3) EURAS, suburban zone, KW: № 072537, 072538, 072539.

## **Sambucaceae (Adoxaceae s. l.)**

966. *Sambucus ebulus* L.

Phanerophyte, mesophyte, m-sm-stemp'oz1-3 EUR-(WAS), hemiapophyte, suburban zone.

967. *Sambucus nigra* L.

Phanerophyte, mesophyte, (m/mo)-sm-temp'oz1-2 EUR, occasional apophyte, urban & suburban zones.

968. *Sambucus racemosa* L.

Phanerophyte, mesophyte, sm/mo-temp/demo'oz(1)-2 EUR, occasional apophyte, urban & suburban zones.

## **Santalaceae**

969. *Thesium arvense* Horv.

Hemicryptophyte, xeromesophyte, m/mo-sm'k1-2 EUR-WAS, suburban zone.

970. *Thesium ebracteatum* Hayne

Hemicryptophyte, xeromesophyte, (sm).temp'k2 EUR, suburban zone.

## **Saxifragaceae**

971. *Chrysosplenium alternifolium* L.

Hemicryptophyte, mesohygrophyte, sm/mo-temp/(demo)-b-arct'oz1-3-k1 EURAS+(WAM), suburban zone.

## **Scrophulariaceae s.l**

972. *Euphrasia stricta* D.Wolff ex J.F.Lehm.  
Therophyte, mesophyte, sm-temp'oz(1)-3 EUR, suburban zone.
973. *Euphrasia tatarica* Fisch. ex Spreng. ~ *Euphrasia stricta* s.l.  
Therophyte, sm-temp'oz(1)-3 EUR, mesophyte, suburban zone.
974. *Gratiola officinalis* L.  
Hemicryptophyte, hygrophyte, m-sm-temp'oz(1)-3-k1 EUR-WAS, suburban zone, KW: № 080502, 080503, 080568.
975. *Linaria genistifolia* (L.) Mill.  
Hemicryptophyte, xeromesophyte, (m)-sm-temp'oz(1)-3-kl EURAS (\*), suburban zone.
976. *Linaria vulgaris* Mill.  
Hemicryptophyte, xeromesophyte, m-sm-temp-b'oz(1)-3-k1 EUR-WAS, euapophyte, urban & suburban zones, KW: № 065220, 065243, 067016, 067036.
977. *Melampyrum nemorosum* L.  
Therophyte, mesophyte, sm-temp'oz(1)-3 EUR, suburban zone.
978. *Melampyrum pratense* L.  
Therophyte, mesophyte, m-sm-temp-b'oz 1-3-k1 EUR-WSIB (\*), suburban zone.
979. *Odontites vulgaris* Moench  
Therophyte, xeromesophyte, m-sm-temp-b'oz1-3 EURAS, occasional apophyte, suburban zone, KW: № 080561, 080560.
980. *Rhinanthus minor* Ehrh.  
Therophyte, mesophyte, sm/mo-temp-b'oz1-3 EUR-(WSIB), hemiapophyte, suburban zone.
981. *Rhinanthus serotinus* (Schoenh.) Oborny (*Rhinanthus major* sensu Ehrh., non L.)  
Therophyte, mesophyte, sm/mo-temp-b'oz1-3 EUR-SIB, suburban zone.
982. *Scrophularia nodosa* L.  
Geophyte, hygromesophyte, m/mo-sm-temp-b'oz1-3 EURAS (\*), suburban zone.
983. *Verbascum densiflorum* Bertol.  
Hemicryptophyte, xeromesophyte, hemiapophyte, suburban zone.
984. *Verbascum lychnitis* L.  
Hemicryptophyte, xeromesophyte, m/mo-sm-temp'k(1)-3-oz1 EUR, euapophyte, urban & suburban zones, KW: № 061790, 061791.



985. *Verbascum nigrum* L.  
Hemicryptophyte, xeromesophyte, sm-temp-b'k(1)-3-oz1 EUR-WAS, hemiapophyte, suburban zone.
986. *Verbascum phlomoides* L.  
Hemicryptophyte, xerophyte, sm-temp'k(1)-3-oz1 EUR, occasional apophyte, urban & suburban zones, KW: № 064921, 064922.
987. *Verbascum phoeniceum* L.  
Hemicryptophyte, mesoxerophyte, m-sm-stemp'k(1)-3 EUR-WAS, hemiapophyte, urban & suburban zones.
988. *Verbascum thapsus* L.  
Hemicryptophyte, mesoxerophyte, m/mo-sm-temp-b'oz1-3 EUR-WAS, hemiapophyte, suburban zone.
989. *Veronica agrestis* L.  
Therophyte, xeromesophyte, archaeophyte, suburban zone.
990. *Veronica anagallis-aquatica* L. (*Veronica anagallis* L.)  
Hemicryptophyte, hygrophyte, austr-trop-m-sm-temp-b'(oz1-3) CIRC POL, suburban zone.
991. *Veronica arvensis* L.  
Therophyte, xeromesophyte, urban & suburban zones. archaeophyte
992. *Veronica barrelieri* Schott ~ *Veronica spicata* aggr.  
Hemicryptophyte, mesoxerophyte, suburban zone, KW: № 065812.
993. *Veronica beccabunga* L.  
Hemicryptophyte, hygrophyte, m-sm-temp'k1-3-oz1 EUR-WAS, suburban zone.
994. *Veronica chamaedrys* L.  
Hemicryptophyte, mesophyte, m/mo-sm-temp-b'oz1-3 EUR, suburban zone.
995. *Veronica incana* L.  
Hemicryptophyte, mesoxerophyte, sm-temp-b'oz(1)-3-k1 EURAS (\*), suburban zone.
996. *Veronica hederifolia* L.  
Hemicryptophyte, xeromesophyte, m-sm-temp-b'oz1-3 EUR-WAS, euapophyte, urban & suburban zones.
997. *Veronica longifolia* L.  
Hemicryptophyte, hygromesophyte, m-sm-temp-b-(arct)'oz1-3-k1 EURAS+AM (\*), suburban zone.
998. *Veronica officinalis* L.

Hemicryptophyte, mesophyte, m/mo-sm-temp-b'oz1-3 EUR, suburban zone.

999. *Veronica persica* Poir.

Hemicryptophyte, xeromesophyte, m-sm-temp-b'oz1-3 EUR-WAS, kenophyte, urban & suburban zones.

1000. *Veronica polita* Fries

Therophyte, hemicryptophyte; xeromesophyte, archaeophyte, suburban zone.

1001. *Veronica prostrata* L.

Hemicryptophyte, xeromesophyte, sm-temp'k(1)-3 EUR-WAS, suburban zone.

1002. *Veronica scutellata* L.

Hemicryptophyte, mesohygrophyte, sm-temp-b'oz1-3 CIRCPO, suburban zone.

1003. *Veronica serpyllifolia* L.

Hemicryptophyte, hygromesophyte, m/mo-sm-temp-b'oz1-3 CIRCPO, occasional apophyte, suburban zone.

1004. *Veronica spicata* L.

Hemicryptophyte, xeromesophyte, m/mo-sm-temp-b'k(1)-3-oz1 EURAS, suburban zone.

1005. *Veronica teucrium* L.

Hemicryptophyte, mesophyte, sm-temp-b'k(1)-3-oz1 EUR-WAS, suburban zone.

1006. *Veronica triphyllos* L.

Hemicryptophyte, xeromesophyte, m/mo-sm-temp'oz1-3 EUR, archaeophyte, urban & suburban zones.

1007. *Veronica verna* L.

Therophyte, hemicryptophyte; mesoxerophyte, m/mo-sm-temp-b'k(1)-3-oz1 EUR-WAS, hemiapophyte, suburban zone.

## Solanaceae

1008. *Datura stramonium* L.

Therophyte, mesophyte, boreostropAM-+austr-m-sm-temp'oz1-3 CIRCPO, kenophyte, urban & suburban zones.

1009. *Hyoscyamus niger* L.

Hemicryptophyte, xeromesophyte, m-sm-temp'oz1-3 EUR-WAS, kenophyte, urban & suburban zones.

1010. \**Lycium barbatum* L.

Phanerophyte, xeromesophyte, m-sm-stemp'oz(1)-3-k1 EUR-(WAS), archaeophyte, urban & suburban zones.

1011. \**Lycopersicon esculentum* Mill.

Therophyte, mesophyte, kenophyte, urban & suburban zones.

1012. *Nycandra physaloides* (L.) P.Gaertn.

Therophyte, mesophyte, kenophyte, urban & suburban zones.

1013. *Nicotiana rustica* L.

Therophyte, mesophyte, kenophyte, urban & suburban zones.

1014. \**Physalis ixocarpa* Brot. ex Hornem.

Therophyte, mesophyte, kenophyte, urban & suburban zones.

1015. \**Physalis pubescens* L.

Therophyte, mesophyte, kenophyte, urban & suburban zones.

1016. *Solanum dulcamara* L.

Phanerophyte, mesohygrophyte, m-sm-temp-b'oz1-3 EURAS, occasional apophyte, suburban zone.

1017. *Solanum nigrum* L.

Therophyte, mesophyte, austr-m-sm-temp-b'oz1-3 CIRCPO, archaeophyte, urban & suburban zones.

1018. \**Solanum tuberosum* L.

Therophyte, mesophyte, kenophyte, urban & suburban zones.

### **Tiliaceae (Malvaceae s. l.)**

1019. \**Tilia americana* L.

Phanerophyte, mesophyte, kenophyte, urban & suburban zones.

1020. *Tilia cordata* Mill. (*Tilia parvifolia* Hoffm.)

Phanerophyte, mesophyte, sm/mo-temp'oz(1)-3 EUR-(WAS), urban & suburban zones.

1021. *Tilia europaea* L.

Phanerophyte, mesophyte, urban & suburban zones.

1022. *Tilia platyphyllos* Scop.

Phanerophyte, mesophyte, urban & suburban zones.

### **Ulmaceae**

1023. *Ulmus glabra* Huds.

Phanerophyte, hygromesophyte, sm/mo-temp-(b)'oz1-3 EUR, suburban zone.

1024. *Ulmus laevis* Pall.

Phanerophyte, hygromesophyte, sm-temp-(b)'oz2-3 EUR, urban & suburban zones.

1025. *Ulmus minor* Mill. (*Ulmus capestris* L. non. ambig.)

Phanerophyte, hygromesophyte, m-sm-(temp)'oz(1)-3) EUR-VORDAS, urban & suburban zones.

1026. \**Ulmus pumila* L.

Phanerophyte, hygromesophyte, m/mo-temp'k1-3 OAS+ZAS, kenophyte, urban & suburban zones.

## Urticaceae

1027. *Urtica cannabina* L.

Hemicryptophyte, mesophyte, temp-sm'k1-2 AZ, kenophyte, urban & suburban zones.

1028. *Urtica dioica* L.

Hemicryptophyte, mesophyte, m-sm-temp-b'oz1-3 CIRC POL, euapophyte, urban & suburban zones, KW: № 076569, 076570, 080500, 080499, 080501, 080498.

1029. *Urtica galeopsifolia* Wierzb. ex Opiz ~ *Urtica dioica* aggr.

Hemicryptophyte, hygrophyte, sm/mo-temp-b'oz(1)-3-k1 OEUR, urban & suburban zones.

1030. *Urtica kioviensis* Rogow. ~ *Urtica dioica* aggr.

Hemicryptophyte, hygrophyte, sm-(temp)'oz3 EUR, suburban zone, ERL, RR.

1031. *Urtica urens* L.

Therophyte, mesophyte, m-sm-temp-b-arct'k(1)-3 CIRC POL, archaeophyte, urban & suburban zones, KW: № 076571.

## Valerianaceae

1032. *Valeriana officinalis* L. (*Valeriana exsultata* J.S. Mikan.)

Geophyte, mesohygrophyte, m/mo-sm-temp-b'k(1)-3-oz1 EURAS (\*), suburban zone.

1033. *Valeriana stolonifera* Czern. (*Valeriana angustifolia* Tausch., 1823, non Mill. 1768)

Geophyte, mesophyte, sm-stemp'oz(1)-3 EUR, suburban zone.

### **Viburnaceae (Adoxaceae s. l.)**

1034. *Viburnum opulus* L.

Phanerophyte, mesophyte, (m/mo)-sm-(temp)-b'oz1-(3) EUR-(SIB), urban & suburban zones.

### **Violaceae**

1035. *Viola ambigua* Waldst. & Kit.

Hemicryptophyte, xeromesophyte,, sm-stemp'k1-3 EUR, suburban zone.

1036. *Viola arvensis* Murray

Hemicryptophyte, mesophyte, m-sm-temp-b'oz1-3 EUR-WAS, archaeophyte, urban & suburban zones, KW: № 065255.

1037. *Viola canina* L.

Hemicryptophyte, mesophyte, sm/mo-temp-b'oz1-3 EUR-WAS, suburban zone.

1038. *Viola hirta* L.

Hemicryptophyte, mesophyte, m/mo-sm-temp-b'oz(1)-3-k1 EUR-WAS, suburban zone.

1039. *Viola matutina* Klokov ~ *Viola tricolor* s.l.

Hemicryptophyte, xeromesophyte, stemp'oz2-3 EUR (\*), urban & suburban zones.

1040. *Viola mirabilis* L.

Hemicryptophyte, mesophyte, sm-temp-b'oz(1)-3 EURAS, suburban zone.

1041. *Viola montana* L. s.str.

Hemicryptophyte, mesophyte, sm/motemp-b'oz(1)-3-k1 EURAS, suburban zone.

1042. *Viola odorata* L.

Hemicryptophyte, mesophyte, m-sm-temp'oz1-3 EUR, suburban zone.

1043. *Viola palustris* L.

Hemicryptophyte, mesohygrophyte, m/mo-sm-temp-b-arct'oz1-3 EUR+AM, suburban zone.

1044. *Viola reichenbachiana* Jord. ex Boreau

Hemicryptophyte, mesophyte, m/mo-sm-temp'oz(1)-3 EUR+(WAS), suburban zone.

1045. *Viola rupestris* F.W.Schmidt

Hemicryptophyte, xeromesophyte, suburban zone.

1046. *Viola suavis* M.Bieb.

Hemicryptophyte, xeromesophyte, m-sm-stemp'oz(1)-3 EUR-(WAS) (\*), suburban zone.

1047. *Viola tricolor* L.

Hemicryptophyte, xeromesophyte, hemiapophyte, suburban zone.

## Viscaceae

1048. *Viscum album* L.

Phanerophyte, mesophyte, m/mo-sm/mo-temp'oz1-(3) EURAS, euapophyte, urban & suburban zones.

## Vitaceae

1049. *Parthenocissus quinquefolia* (L.) Planch.

Phanerophyte, mesophyte, m-sm-temp'oz1-3 EUR-AM, kenophyte, urban & suburban zones, KW: № 065250, 065251.

1050. \**Vitis amurensis* Rupr.

Phanerophyte, mesophyte, kenophyte, urban & suburban zones, KW: № 065233.

## References:

Екофлора України. Т.1. Дідух Я.П., Плюта П.Г., Протопопова В.В., Єрмоленко В.М., Коротченко І.А., Каркуцієв Г.М., Бурда Р.І./ Відпов. ред. Я.П. Дідух. – Київ: Фітосоціоцентр, 2000 – 284 с.

Екофлора України. Т.2. Дідух Я.П., Бурда Р.І., Зиман С.М. та ін. / Відпов. ред. Я.П. Дідух. – К.: Фітосоціоцентр, 2004 – 480 с.

Екофлора України. Т.3. Федорончук М.М., Дідух Я.П. та ін./ Відпов. ред. Я.П. Дідух. – Київ: Фітосоціоцентр, 2002 – 496 с.

Екофлора України. Т.5. Ільїнська А.П., Дідух Я.П., Бурда Р.І., Коротченко І.А./ Відпов. ред. Я.П. Дідух. – К.: Фітосоціоцентр, 2007 – 425 с.

Зав'ялова Л.В. *Aizopsis aizoon* (L.) Grulich (*Crassulaceae*) – новий ергазіюфіт у флорі України // Укр. ботан. журн. – 2008. – 65, №6. – С. 876–881.

Зав'ялова Л.В. Доповнення до адвентивної флори Чернігівського Полісся // Укр. ботан. журн. – 2009. – 66, № 5. – С. 635–639.

Іллічевський С. Матеріали до флори околиць м. Чернігова // Вісн. Київ. бот. саду, 1933. – Вип. 16. – С. 17-29.

Іллічевський С.О. Тирса (*Stipa capillata* L.) в Чернігові в зв'язку з питанням про належність Чернігова до лісостепової зони // Вісн. природознав. Орг. природ. секції Харк. наук. тов-ва. – Х., 1931. - № 1-2. – С. 63.

Лукаш О.В. Флора судинних рослин Східного Полісся: історія дослідження, конспект. – К.: Фітосоціоцентр, 2008. – 436 с.

Монтрезор В.В. Обзорение растений, входящих в состав флоры губерний Киевского учебного округа: Киевской, Подольской,

Волынской, Черниговской и Полтавской // Зап. Киев. об-ва естествоиспытат. – К., 1886. – Т. 8, Вып. 1. – С.1-144; 1887. – Т. 8, Вып. 1. – С. 119- 198; 1887. – Т.8, Вып. 2. – С. 186-285; 1891. – Т. 10, Вып. 4. – С. 1-90.

Мулярчук С.О. Рослинність Чернігівщини. – К.: Вища шк., 1970. – 212 с.

Остапко В.М., Бойко А.В., Мосякин С.Л. Сосудистые растения юго-востока Украины. – Донецк: Изд-во “Ноулидж”, 2010 – 247 с.

Папуча І.В. Рудеральна рослинність м. Чернігова // Укр. бот. журн., 1991. – 48, № 2. – С. 39-42.

Пачоский Й. Флора Полесья и прилежащих местностей. – Тр. ПБ об-ва естествоиспытат. – СПб, 1897. – Т. 27, вып. 2. – С.1- 107.

Природно-заповідний фонд Чернігівської області / Під заг. ред. Карпенка Ю.О. – Чернігів, 2002. –240 с.

Протопопова В.В. Синантропная флора Украины и пути её развития. – К.: Наук. думка, 1991. – 204 с.

Рогович А.С. Обзорение семенных и высших споровых растений, входящих в состав флоры губерний Киевской, Черниговской и Полтавской. – К., 1855. – 290 с.

Рогович А.С. Обзорение сосудистых и полусосудистых растений, входящих в состав флоры губерний Киевского учебного округа: Волынской, Подольской, Киевской, Черниговской и Полтавской. – К., 1869. – 308 с.

Шмальгаузен И.Ф. Флора юго-западной России. – К., 1886. – 783 с.  
Фіторізноманіття Українського Полісся та його охорона / Під заг. ред. Т.Л. Андрієнко. – К.: Фітосоціоцентр, 2006. – 316 с.



Kornás J. 1968. A geographical-historical classification of synanthropic plants. *Mater. Zakl. Fitosoc. Stos. UW.* 25: 33-41.

Lindemann E. A. *Prodromus florarum Tschernigovianae, Mohilevianae, Minskianae nec non Grodnovianae* // *Bull. de la Soc. Imper. des Natur. de Moscow.* – 1850. – XXIII, № 4. – P.446-547.

Mosyakin S.L., Fedoronchuk M.M. 1999. Vascular plants of Ukraine. A nomenclatural checklist. 345 p.p., M.G. Kholodny Institute of Botany, NAS of Ukraine, Kyiv.

Protopopova V., Shevera M. A preliminary checklist of the urban flora of Uzhgorod. – Kyiv: Phytosociocentre, M.G. Kholodny Institute of Botany, National Academy of Sciences of Ukraine, 2002. – 68 p.

Zavyalova L. Alien fraction of Chernihiv urban flora: analysis and checklist // *Biodiv. Res. Conserv.* – 2008. – Vol. 11-12 . – P. 17-26.

Zavyalova L. Apophytes in the urban flora of Chernihiv (Forest zone of Ukraine) // IX International Conference Anthropization and Environment of Rural Settlements. Flora and Vegetation (Kamyanets-Podilkiy, Ukraine, 29.06-01.07 2010). – Program, Proceedeings and Excursions. – Kyiv: M.G. Kholodny Institute of Botany, NAS of Ukraine, 2010. – P. 68-69.

The International Plant Names Index (IPNI): Copyright 2004-2010 [<http://www.ipni.org/>]

**Liudmyla V. Zavyalova**

**A CHECKLIST  
OF CHERNIHIV URBAN FLORA**

Друкується в авторській редакції  
Відповідальний за випуск – Соломаха І.В.

Видавництво Українського фітосоціологічного центру  
тел/факс (044) 524-11-61

Підписано до друку 13.12.2010 р. Формат 60x84 1/16.  
Друк різнографічний. Папір офсетний. Гарнітура Times.  
Умов. друк. арк. 3.7 Умов. вид. арк. 3.9. Зам. №786.

Надруковано в друкарні  
Українського фітосоціологічного центру