



Botanični vrt
UNIVERZE V MARIBORU



Fakulteta za kmetijstvo
in biosistemske vede

Index Seminum

2021



Seznam semen za izmenjavo

Index Seminum

*List of seeds
available for exchange*

Botanični vrt Univerze v Mariboru

Botanični vrt Univerze v Mariboru
Fakulteta za kmetijstvo in Biosistemske vede
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Izdal / Published by: Botanični vrt Univerze v Mariboru

Avtor / Author: Ignac Janžekovič, Andrej Šušek

Vzdrževalec zbirke semen / Curator of collection: mag. Ignac Janžekovič

SPLOŠNE INFORMACIJE / GENERAL INFORMATION

Botanični vrt Univerze v Mariboru izdaja svoj tretji seznam semen za izmenjavo 'Index Seminum'. Semena so bila nabранa v naravnih populacijah ter v Botaničnem vrtu UM. V kolekciji semen je tudi nekaj semen predstavnikov gojenih rastlin.

Botanični vrt Univerze v Mariboru je član Mednarodne mreže za izmenjavo rastlin (IPEN). Članstvo omogoča prostot izmenjavo rastlinskega materiala med člani IPEN mreže.

The Botanical Garden of the University of Maribor is publishing its third annual 'Index Seminum'. The seeds were collected in natural populations and in the UM Botanical Garden. There are also some seeds of representatives of cultivated plants in the seed collection.

The Botanical Garden of the University of Maribor is a member of the International Plant Exchange Network (IPEN). Membership enables the free exchange of plant material between members of the IPEN network.

Agreement on the supply of plant material

In response to the Convention on Biological Diversity (CBD, Rio de Janeiro, June 5, 1992), the University of Maribor Botanical Garden supplies the seed samples following the conditions listed below:

- 1)** On the basis of this agreement, the material is intended to serve the common good, particularly scientific studies, education and the interests of environmental protection.
- 2)** Upon accepting plant material from our garden, the recipient is obliged to document and preserve information relating to the material appropriately.
- 3)** In the case when scientific publications involving the provided plant material are produced, the origin of the material is to be cited. In addition, these publications are expected to be sent to the University of Maribor Botanical Garden automatically, without request.
- 4)** Intended commercial use by the recipient is not covered by this agreement. The commercialization is the object of a separate agreement with the country of origin. This agreement underlies the provisions of the CBD, i.e., the user is obliged to share the benefits with the country of origin and to forward relevant information to the authority instructed with the implementation of the CBD.
- 5)** The recipient garden will forward information on the material supply on request to the authority instructed with the implementation of the CBD.
- 6)** By ordering seeds or other plant material from the University of Maribor Botanical Garden, these conditions and other articles of the convention are accepted.

Instructions

Please indicate your request on the enclosed order form. Orders must contain a declaration, that the conditions (1) to (6) of the agreement listed above are accepted.

WARNING:

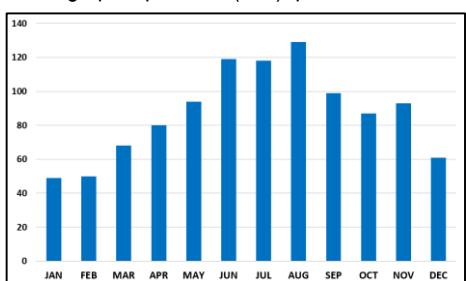
The tendency of some of the offered species to spread as weeds cannot be ruled out.

The application of appropriate precautionary measures is the responsibility of the client alone.

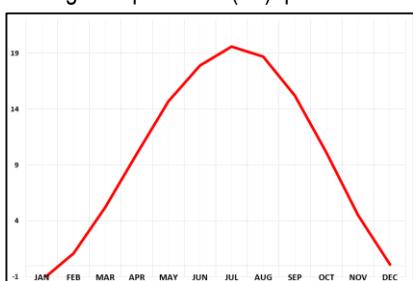
MARIBOR CLIMATE DATA

Average annual precipitation and temperatures in Maribor,
between years 2005 in 2015 (www.arso.gov.si)

Average precipitations (mm)/ per month



Average temperatures (°C)/ per month



Location of Maribor



Average annual
temperature
10.1 °C



Absolute minimum
temperature
-23 °C (1962)



Average annual
precipitation
1034 mm

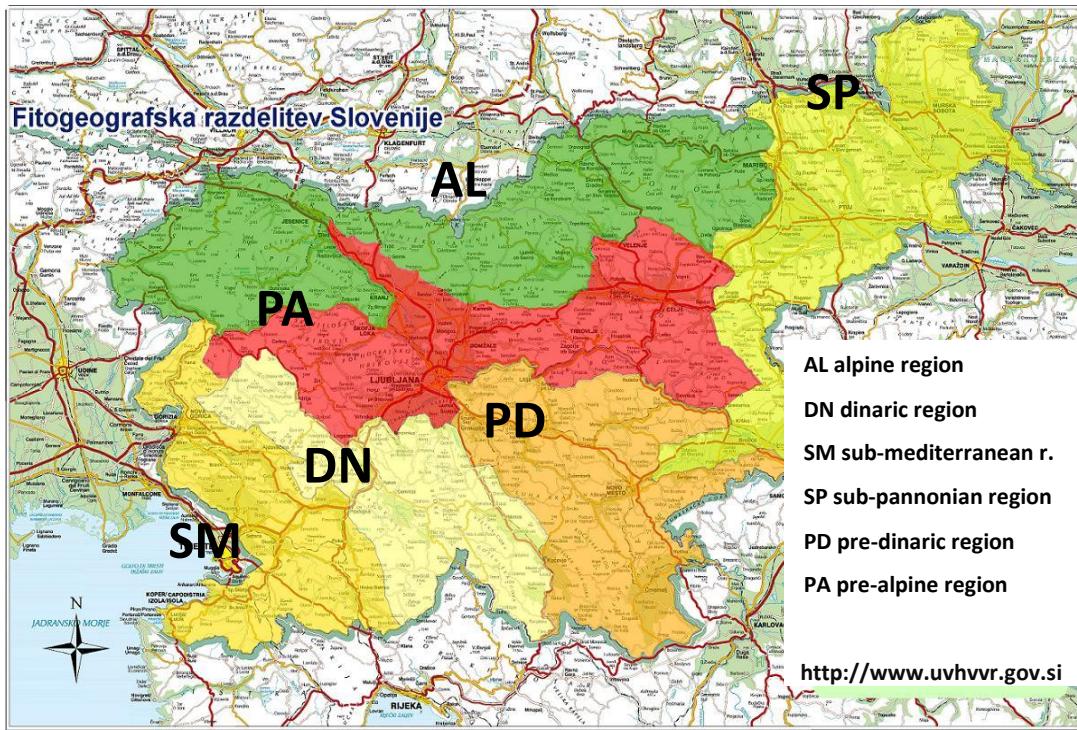


Mean duration
of snow cover
40 days



Altitude
275 m

PHYTOGEOGRAPHICAL REGIONS (UNITS) OF SLOVENIA



INDEX SEMINUM ANNO MMXIX (2019)

Collectors of the wild seeds:

mag. Ignac Janžekovič (I.J.)
dr. Anton Ivančič (A.I.)
dr. Andrej Paušič (A.P.)
Branka Veber (B.V.)
Metka Pivec (M.P.)
Janez Pivec (J.P.)
dr. Andrej Šušek (A.Š.)
Franc Mlakar (F.M.)
Sandra Janžekovič (S.J.)
Marija Tomašek (M.T.)

Seed nomenclature & origin key:

Seeds collected in the nature

Request No.	scientific name,	SI-0-MARIB2017013, IPEN number,	SP, phytogeographical region,	Zavrč, settlement,	I.J. collector.
10	<i>Allium ursinum</i> L.,				

Semena nabrana v naravi / Seeds collected in the nature

Št. nar. / Req. no.	Botanično ime / Botanical name	Izvor in zbiralec / Origin and collector
MAGNOLIOPHYTINA (Angiospermae)		
	Alliaceae	
1	Allium ursinum L.	SI-0-MARIB2017013, SP, Zavrč, I.J.
	Apiaceae	
2	Anthriscus sylvestris (L.) Hoff.	SI-0-MARIB-2019015, SP, Ptuj, Brstje, I.J.
3	Heracleum sphondylium L. subsp. sphondylium	SI-0-MARIB-2019083, SP, Ptuj, Brstje, I.J.
	Araliaceae	
4	Hedera helix L.	SI-0-MARIB-2019075, SP, Žetale, I.J.
	Asteraceae	
5	Arctium lappa L.	SI-0-MARIB-2019018, SP, Studenci, I.J.
6	Centaurea cyanis L.	SI-0-MARIB-2021194, SP, Brstje, Ptuj, I.J.
	Brassicaceae	
7	Lunaria annua L.	SI-0-MARIB-2017097, PD, Mali Vrh, M.P. SI-0-MARIB-2021202, SP, Miklavž na Dr.polju, I.J.
8	Lunaria annua L.	
9	Thlaspi arvense L.	SI-0-MARIB-2017169, SP, Ptuj, Rogoznica, I.J.
	Caprifoliaceae	
10	Lonicera nigra L.	SI-0-MARIB-2020197, AL, Zajamniki, B.V.
	Cichoriaceae	
11	Tragopogon pratensis L. subsp.orientalis (L.) Čelak.	SI-0-MARIB-2017171, SP, Šturmavec, I.J.
12	Tragopogon pratensis L. subsp.orientalis (L.) Čelak.	SI-0-MARIB-2019172, SP, Ptuj, Brstje, I.J.
	Colchicaceae	
13	Colchicum autumnale L.	SI-0-MARIB-2017044, SP, Zavrč, I.J.
	Cucurbitaceae	
14	Ecballium elaterium (L.) Rich.	SI-0-MARIB-2020190, SP, Brežice, A.I.
	Hyacinthaceae	
15	Ornithogalum umbellatum L.	SI-0-MARIB-2019117, SP, Ptuj, Brstje, I.J.
	Lamiaceae	
16	Leonurus cardiaca L.	SI-1-MARIB-2016093, SP, Pivola, I.J.
17	Salvia pratensis L.	SI-0-MARIB-2017148, SP, Šturmavec, I.J.
	Poaceae	
18	Briza maxima L.	SI-0-MARIB-2017027, SP, Trdobjoci, I.J.

Ranunculaceae

- | | | |
|----|--------------------------------|---|
| 19 | Helleborus niger L. | SI-0-MARIB-2017080, AL, Golte pri Mozirju, A.Š. |
| 20 | Eranthis hyemalis (L.) Salisb. | SI-1-MARIB-2020192, SP, Razvanje, M.P. |
| 21 | Pulsatilla grandis Wender. | SI-1-MARIB-2021187, SP, Boč, I.J. |
| 22 | Pulsatilla nigricans Storck. | SI-1-MARIB-2021188, SP, Brstje-Skorba, Ptuj, I.J., F.M. |

Ruscaceae

- | | | |
|----|---------------------|--------------------------------------|
| 23 | Ruscus aculeatus L. | SI-1-MARIB-2019145, SM, Pomjan, B.V. |
|----|---------------------|--------------------------------------|

Scrophulariaceae

- | | | |
|----|----------------------------|---|
| 24 | Euphasia rostkoviana Hayne | SI-0-MARIB-2021198, SP, Brstje, Ptuj, I.J. |
| 25 | Linaria vulgaris Miller | SI-0-MARIB-2021203, Sv.Urban, Kamnica, B.V. |

Thymelaeaceae

- | | | |
|----|--------------------|---|
| 26 | Daphne mezereum L. | SI-0-MARIB-2020188, AL, Završnica, Zelenica, B.V. |
|----|--------------------|---|

Semena nabранa v vrtu in semena gojenih rastlin / Seeds collected in the garden and seeds of cultivated plants

Št. nar. /**Req. no. Botanično ime / Botanical name****Izvor in zbiralec / Origin and collector**

CONIFEROPHYTINA (Gymnospermae)**Pinaceae**

- | | | |
|----|---------------------------------|----------------------------------|
| 27 | Picea abies (L.) Karsten | XX-0-MARIB-2019125, Pivola, I.J. |
| 28 | Pinus pinea L. | XX-0-MARIB-2019126, Pivola, I.J. |
| 29 | Pinus ponderosa Dougl. ex Laws. | XX-0-MARIB-2015127, Pivola, I.J. |

Taxaceae

- | | | |
|----|-----------------------|----------------------------------|
| 30 | Taxus baccata L. | XX-1-MARIB-2015167, Pivola, I.J. |
| 31 | Torreya grandis Fort. | XX-0-MARIB-2016170, Pivola, I.J. |

Taxodiaceae

- | | | |
|----|---------------------------------------|----------------------------------|
| 32 | Cunninghamia lanceolata (Lamb.) Hook. | XX-0-MARIB-2015057, Pivola, I.J. |
|----|---------------------------------------|----------------------------------|

MAGNOLIOPHYTINA (Angiospermae)**Acanthaceae**

- | | | |
|----|----------------------|----------------------------------|
| 33 | Acanthus spinosus L. | XX-0-MARIB-2016001, Pivola, I.J. |
|----|----------------------|----------------------------------|

Aceraceae

- | | | |
|----|-------------------|----------------------------------|
| 34 | Acer campestre L. | XX-0-MARIB-2015002, Pivola, I.J. |
|----|-------------------|----------------------------------|

35	<i>Acer tataricum</i> L. ssp. <i>ginnala</i> (Maxim.) Wesm.	XX-0-MARIB-2015003, Pivola, I.J.
36	<i>Acer negundo</i> L.	XX-0-MARIB-2021209, Čakovec, Hrvatska, M.T.

	Alliaceae	
37	<i>Allium angulosum</i> L.	SI-1-MARIB-2017011, Pivola, I.J.
38	<i>Allium schoenoprasum</i> L.	XX-0-MARIB-2016012, Pivola, I.J.

	Amaranthaceae	
39	<i>Chenopodium quinoa</i> Willd.	XX-0-MARIB-2020185, Pivola, I.J.

	Amaryllidaceae	
40	<i>Galanthus nivalis</i> L.	XX-1-MARIB-2017069, Pivola, I.J.
41	<i>Leucojum vernum</i> L.	XX-0-MARIB-2016095, Pivola, I.J.

	Annonaceae	
42	<i>Asimina triloba</i> (L.) Michel Felix Dunal	XX-0-MARIB-2019023, Pivola, I.J.
43	<i>Asimina triloba</i> (L.) Michel Felix Dunal	XX-0-MARIB-2021, Pivola, I.J.

	Apiaceae	
44	<i>Foeniculum vulgare</i> Mill.	XX-0-MARIB-2015068, Pivola, I.J.
45	<i>Heracleum mantegazzianum</i> Somm. et Lev.	XX-0-MARIB-2015081, Pivola, I.J.
46	<i>Heracleum mantegazzianum</i> Somm. et Lev.	XX-0-MARIB-2019082, Pivola, I.J.

Št. nar. / Req. no.	Botanično ime / Botanical name	Izvor in zbiralec / Origin and collector
	Apocynaceae	
47	<i>Amsonia tabernaemontana</i> Walter	XX-0-MARIB-2015014, Pivola, I.J.
	Araliaceae	
48	<i>Aralia racemosa</i> L.	XX-0-MARIB-2017016, Pivola, I.J.
	Arecaceae	
49	<i>Phoenix dactylifera</i> L.	XX-0-MARIB-2019124, Tunisia, A.P.
	Aristolochiaceae	
50	<i>Aristolochia clematitis</i> L.	XX-0-MARIB-2017019, Pivola, I.J.
	Asphodelaceae	
51	<i>Asphodeline lutea</i> (L.) Rchb.	XX-1-MARIB-2016024, Pivola, I.J.
52	<i>Eremurus robustus</i> Regel	XX-0-MARIB-2020193, Pivola, I.J.
	Asteraceae	
53	<i>Achillea filipendulina</i> Lam.	XX-0-MARIB-2017004, Pivola, I.J.

54	Achillea filipendulina Lam.	XX-0-MARIB-2019005, SP, Ptuj, Brstje, I.J.
55	Achillea millefolium L.	XX-0-MARIB-2016006, Pivola, I.J.
56	Artemisia abrotanum L.	XX-0-MARIB-2016020, Pivola, I.J.
57	Artemisia annua L.	XX-0-MARIB-2016021, Pivola, I.J.
58	Artemisia dracunculus L.	XX-0-MARIB-2016022, Pivola, I.J.
59	Calendula officinalis L.	XX-0-MARIB-2016029, Pivola, I.J.
60	Calendula officinalis L	XX-0-MARIB-2021190, Pivola, I.J.
61	Chamomilla recutita (L.) Rauschert	XX-0-MARIB-2017038, Pivola, I.J.
62	Chamomilla recutita (L.) Rauschert	XX-0-MARIB-2021207, Pivola, I.J.
63	Echinacea purpurea (L.) Moench.	XX-0-MARIB-2016060, Pivola, I.J.
64	Echinacea purpurea (L.) Moench.	XX-0-MARIB-2020191, SP, Brstje, Ptuj, I.J.
65	Echinacea purpurea (L.) Moench.	XX-0-MARIB-2021210, Pivola, I.J.
66	Eupatorium cannabinum L.	XX-0-MARIB-2015066, Pivola, I.J.
67	Helichrysum italicum (Roth.) G.Don fil.	XX-0-MARIB-2016076, Pivola, I.J.
68	Inula helenium L.	XX-0-MARIB-2016088, Pivola, I.J.
69	Leucanthemum ircutianum (Turcz.) DC.	XX-0-MARIB-2017094, Pivola, I.J.
70	Silphium perfoliatum L.	XX-0-MARIB-2015154, Pivola, I.J.
71	Silybum marianum (L.) Gaertner.	XX-0-MARIB-2016155, Pivola, I.J.
72	Solidago virgaurea L.	XX-0-MARIB-2016157, Pivola, I.J.
73	Tanacetum balsamita L.	XX-0-MARIB-2016164, Pivola, I.J.
74	Tanacetum parthenium (L.) Schultz Bip.	XX-0-MARIB-2016165, Pivola, I.J.
75	Tanacetum vulgare L.	XX-0-MARIB-2016166, Pivola, I.J.

76	Campsis radicans (L.) Seeman ex Bureau	XX-0-MARIB-2019030, SP, Makole, I.J.
77	Sympytum officinale L.	XX-0-MARIB-2016163, Pivola, I.J.

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Brassicaceae		
78	Crambe cordifolia Stev.	XX-0-MARIB-2017047, Pivola, I.J.
79	Eruca sativa Miller	XX-0-MARIB-2021208, Pivola, M.P.
80	Isatis tinctoria L.	XX-0-MARIB-2021192, Pivola, M.P.
Caesalpiniaceae		
81	Cercis siliquastrum L.	XX-1-MARIB-2016037, Pivola, I.J.
Calycanthaceae		
82	Calycanthus floridus L.	XX-0-MARIB-2021189, Pivola, I.J.
83	Chimonanthus praecox (L.) Link	XX-0-MARIB-2020186, SP, Brstje, Ptuj, I.J.
Campanulaceae		
84	Platycodon grandiflorus (Jacq.) A.Dc.	XX-0-MARIB-2017129, Pivola, I.J.
Cannabaceae		

85	Cannabis sativa L.	XX-0-MARIB-2018031, SP, Lendava, A.P.
86	Cannabis sativa L.	XX-0-MARIB-2019032, SP, Ptuj, Brstje, I.J.
87	Cannabis sativa L.	XX-0-MARIB-2021185, Pivola, I.J.
Carpinaceae		
88	Carpinus betulus L.	XX-0-MARIB-2016034, Pivola, I.J.
Carryophyllaceae		
89	Agrostemma githago L.	XX-1-MARIB-2017009, Pivola, I.J.
90	Agrostemma githago L.	XX-1-MARIB-2016008, Pivola, I.J.
91	Saponaria officinalis L.	XX-0-MARIB-2016151, Pivola, I.J.
92	Agrostemma githago L.	XX-1-MARB-2020184, Pivola, I.J.
Celastraceae		
93	Euonymus kiautschovicus Loes.	XX-0-MARIB-2016065, Pivola, I.J.
Cichoriaceae		
94	Hieracium aurantiacum L.	XX-0-MARIB-2017084, Pivola, I.J.
95	Cichorium intybus L.	SI-0-MARIB-2020187, SP, Pivola, Ran.vila, J.P.
Commelinaceae		
96	Commelina communis L.	XX-0-MARIB-2019045, SP, Ptuj, Brstje, I.J.
Convallariaceae		
97	Convallaria majalis L.	XX-1-MARIB-2017046, Pivola, I.J.
Cucurbitaceae		
98	Cucumis dipsaceus Ehrenb. ex Spach	XX-0-MARIB-2019048, SP, Brežice, A.I.
99	Cucurbita maxima Duchesne	XX-0-MARIB-2019049, Pivola, I.J.
100	Cucurbita moschata Duchesne ex Poir.	XX-0-MARIB-2019050, Pivola, I.J.
101	Cucurbita moschata Duchesne ex Poir.	XX-0-MARIB-2019051, SP, Ptuj, Nova vas, I.J.
102	Cucurbita okeechobeensis (Small) L.H.Bailey	XX-0-MARIB-2019052, Pivola, I.J.
103	Cucurbita pepo L.	XX-0-MARIB-2019053, Pivola, I.J.
104	Cucurbita pepo L.	XX-0-MARIB-2019054, SP, Ptuj, Brstje, I.J.
105	Cucurbita pepo L.	XX-0-MARIB-2019055, SP, Ptuj, Brstje, I.J.

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106	Cucurbita pepo L.	XX-0-MARIB-2019056, Pivola, I.J.
107	Cyclanthea pedata (L.) Schrader	XX-0-MARIB-2018058, Pivola, A.I.
	Trichosanthes kirilowii Maxim.	XX-0-MARIB-2021212, SP, Brežice, A.I.

	Dipsacaceae		
108	Cephalaria gigantea (Lebed.) Bobrov	XX-0-MARIB-2016036, Pivola, I.J.	
	Ericaceae	,	
109	Arbutus unedo L.	XX-0-MARIB-2019017, Hrvaška, Vis, B.V.	
	Euphorbiaceae		
110	Ricinus communis L.	XX-0-MARIB-2016136, Pivola, I.J.	
111	Ricinus communis L.	XX-0-MARIB-2017137, Pivola, I.J.	
112	Ricinus communis L.	XX-0-MARIB-2019138, Pivola, I.J.	
	Fabaceae		
113	Galega officinalis L.	XX-0-MARIB-2016070, Pivola, I.J.	
114	Galega orientalis Lam.	XX-0-MARIB-2017071, Pivola, I.J.	
115	Glycyrrhiza glabra L.	XX-0-MARIB-2020194, Pivola, I.J.	
116	Lupinus perennis L.	XX-0-MARIB-2016098, Pivola, I.J.	
117	Lupinus perennis L.	XX-0-MARIB-2018099, Pivola, I.J.	
118	Macroptilium lathyroides (L.) Urb.	XX-0-MARIB-2016102, Pivola, I.J.	
119	Mimosa pudica L.	XX-0-MARIB-2018108, Pivola, I.J.	
120	Sophora japonica L.	XX-0-MARIB-2020202, Hrvatska, Čakovec, I.J.	
121	Spartium junceum L.	SI-0-MARIB-2020206, SP, Pivola-FKBV, J.P.	
	Geraniaceae		
122	Geranium sanguineum L.	XX-0-MARIB-2018072, Pivola, I.J.	
	Hypericaceae		
123	Hypericum perforatum L.	XX-0-MARIB-2016086, Pivola, I.J.	
	Iridaceae		
124	Belamcanda chinensis (L.) DC	XX-0-MARIB-2016025, Pivola, I.J.	
	Iridaceae		
125	Belamcanda chinensis (L.) DC	XX-0-MARIB-2021195, Pivola, I.J.	
126	Iris croatica I. Horvat & M.D. Horvat	XX-1-MARIB-2017089, Pivola, I.J.	
127	Iris graminea L.	XX-1-MARIB-2017090, Pivola, I.J.	
128	Iris sibirica L.	XX-1-MARIB-2016091, Pivola, I.J.	
	Juncaceae		
129	Juncus effusus L.	XX-0-MARIB-2016092, Pivola, I.J.	
	Lamiaceae		
130	Dracocephalum moldavica L.	XX-0-MARIB-2021200, SP, Cvetkovci, S.J.	
131	Horminum pyrenaicum L.	XX-0-MARIB-2017085, Pivola, I.J.	

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Lamiaceae		
132	<i>Hyssopus officinalis</i> L.	XX-0-MARIB-2016087, Pivola, I.J.
133	<i>Hyssopus officinalis</i> L.	XX-0-MARIB-2021204, Pivola, I.J.
134	<i>Leonurus cardiaca</i> L.	SI-1-MARIB-2016093, Pivola, I.J.
135	<i>Leonurus cardiaca</i> L.	XX-1-MARIB-2021201, Pivola, I.J.
136	<i>Marrubium vulgare</i> L.	XX-0-MARIB-2016104, Pivola, I.J.
137	<i>Melissa officinalis</i> L.	XX-0-MARIB-2016105, Pivola, I.J.
138	<i>Ocimum basilicum</i> L.	XX-0-MARIB-2019113, SP, Ptuj, Brstje, I.J.
139	<i>Origanum creticum</i> L.	XX-0-MARIB-2016115, Pivola, I.J.
140	<i>Origanum creticum</i> L.	XX-0-MARIB-2021205, Pivola, I.J.
141	<i>Origanum vulgare</i> L.	XX-0-MARIB-2016116, Pivola, I.J.
142	<i>Salvia lavandulifolia</i> Vahl	XX-0-MARIB-2016147, Pivola, I.J.
143	<i>Satureja hortensis</i> L.	XX-0-MARIB-2019152, Pivola, I.J.
144	<i>Satureja montana</i> L.	XX-0-MARIB-2016153, Pivola, I.J.
145	<i>Stachys lanata</i> Jacq.	XX-0-MARIB-2015162, Pivola, I.J.
Linaceae		
146	<i>Linum usitatissimum</i> L.	XX-0-MARIB-2020196, Pivola, I.J.
Lythraceae		
147	<i>Lythrum salicaria</i> L.	XX-0-MARIB-2016101, Pivola, I.J.
Magnoliaceae		
148	<i>Liriodendron tulipifera</i> L.	XX-0-MARIB-2015096, Pivola, I.J.
Malvaceae		
149	<i>Malva sylvestris</i> L.	XX-0-MARIB-2016103, Pivola, I.J.
Onagraceae		
150	<i>Oenothera missouriensis</i> L.	XX-0-MARIB-2019114, SP, Ormož, Hardek, I.J.
Papaveraceae		
151	<i>Chelidonium majus</i> L.	XX-0-MARIB-2016040, Pivola, I.J.
152	<i>Eschscholzia californica</i> Cham.	XX-0-MARIB-2016062, Pivola, I.J.
153	<i>Eschscholzia californica</i> Cham.	XX-0-MARIB-2017063, Pivola, I.J.
154	<i>Eschscholzia californica</i> Cham.	XX-0-MARIB-2019064, SP, Ormož, Hardek, I.J.
155	<i>Papaver rhoeas</i> L.	XX-0-MARIB-2016119, Pivola, I.J.
156	<i>Papaver somniferum</i> L.	XX-0-MARIB-2020198, Pivola, I.J.
Plantaginaceae		

157	Plantago lanceolata L.	XX-0-MARIB-2017128, Pivola, I.J.
Poaceae		
158	Aegilops sp.	XX-0-MARIB-2020183, SP, Brežice, A.I.
159	Bouteloua gracilis (Wild ex Kunth) Lag. ex Griffiths	XX-0-MARIB-2017026, Pivola, I.J.
160	Calamagrostis brachytricha Steud.	XX-0-MARIB-2016028, Pivola, I.J.
161	Chasmanthium latifolium (Michx) Yates	XX-0-MARIB-2016039, Pivola, I.J.
162	Deschampsia cespitosa (L.) Beauv.	XX-0-MARIB-2020189, Pivola, I.J.
163	Eragrostis tef (Zucc.) Trotter	XX-0-MARIB-2018061, Pivola, I.J.
164	Hordeum vulgare L.	XX-0-MARIB-2020195, Pivola, A.I.
165	Hordeum vulgare L.	XX-0-MARIB-2021213, Pivola, I.J.
166	Oryza sativa L.	XX-0-MARIB-2019118, SP, Brežice , A.I.
167	Pennisetum alopecuroides (L.) Spreng.	XX-0-MARIB-2015121, Pivola, I.J.
168	Secale cereale L.	XX-0-MARIB2020201, Pivola, A.P.
169	Sorghum bicolor (L.) Moench *	XX-0-MARIB2020204, Pivola, I.J.
170	Sorghum bicolor (L.) Moench **	XX-0-MARIB2020205, Pivola, I.J.
171	Sorgum sp. L.	XX-0-MARIB-2018160, Pivola, A.P.
172	Triticum boeoticum Boiss.,1854	XX-0-MARIB2020207, Pivola, I.J.
173	Triticum boeoticum Boiss.,1854	XX-0-MARIB2021214, Pivola, I.J.
174	Triticum compactum Host	XX-0-MARIB2020208, Pivola, I.J.
175	Triticum compactum Host	XX-0-MARIB2021240, Pivola, I.J.
176	Triticum monococcum L.	XX-0-MARIB2020209, Pivola, I.J.
177	Triticum monococcum L.	XX-0-MARIB-2021216, Pivola, I.J.
178	Triticum sphaerococcum Percinal,1921	XX-0-MARIB2020212, Pivola, I.J.
179	Triticum sphaerococcum Percinal,1921	XX-0-MARIB-2021218, Pivola, I.J.
180	Triticum timopheevii (Zkuk.)G.Zhuk.	XX-0-MARIB2020210, Pivola, I.J.
181	Triticum timopheevii (Zkuk.)G.Zhuk.	XX-0-MARIB2021219, Pivola, I.J.
182	Triticum spelta L.	XX-0-MARIB2020211, Pivola, I.J.
183	Triticum spelta L.	XX-0-MARIB2021217, Pivola, I.J.
184	x Triticosecale Wittm. Ex A. Camus	XX-0-MARIB2020213, Pivola, I.J.

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Poaceae		
185	Triticum dicoccum L.	XX-0-MARIB-2019173, Pivola, A.P.
186	Triticum dicoccum L.	XX-0-MARIB-2021215, Pivola, I.J.
187	Triticum zhukovskyi Manabde et Erisin	XX-0-MARIB-2019174, Pivola, A.P.
188	Triticum x zhukovskyi Manabde et Erisin	XX-0-MARIB-2021220, Pivola, I.J.
189	Zea mays L.	XX-0-MARIB-2019181, Pivola, I.J.
Polygonaceae		
190	Fagopyrum esculentum Moench	XX-0-MARIB-2019067, Pivola, I.J.
191	Rheum rhabarbarum L.	XX-0-MARIB-2021206, Pivola, M.P.

	Primulaceae	
192	Lysimachia punctata L.	XX-0-MARIB-2016100, Pivola, I.J.
193	Primula veris L.	XX-0-MARIB-2017131, Pivola, I.J.
	Ranunculaceae	
194	Clematis tangutica (Maxim.) Korsch.	XX-0-MARIB-2017042, Pivola, I.J.
195	Helleborus dumetorum Waldst. et Kit.	XX-0-MARIB-2017077, Pivola, I.J.
196	Helleborus foetidus L.	XX-0-MARIB-2017078, Pivola, I.J.
197	Helleborus niger L.	XX-0-MARIB-2017079, Pivola, I.J.
198	Nigella sativa L.	XX-0-MARIB-2017112, SP, Radizel, I.J.
199	Pulsatilla grandis Wender.	XX-1-MARIB-2016133, Pivola, I.J.
200	Pulsatilla grandis Wender.	XX-1-MARIB-2017134, Pivola, I.J.
201	Pulsatila grandis Wendwe.	XX-1-MARIB-2021197, Pivola, I.J.
202	Thalictrum flavum L.	XX-0-MARIB-2015168, Pivola, I.J.
	Resedaceae	
203	Reseda lutea L.	XX-0-MARIB-2017135, Pivola, I.J.
	Rhamnaceae	
204	Ziziphus jujuba Mill.	XX-0-MARIB-2019182, Pivola, I.J.
	Rosaceae	
205	Agrimonia eupatoria L.	XX-0-MARIB-2016007, Pivola, I.J.
206	Agrimonia eupatoria L.	XX-0-MARIB-2021191, Pivola, I.J.
207	Alchemilla xanthochlora Rothm.	XX-0-MARIB-2016010, Pivola, I.J.
208	Geum urbanum L.	XX-0-MARIB-2016073, Pivola, I.J.
209	Mespilus germanica L.	XX-0-MARIB-2019106, SP, Brežice, A.I.
210	Mespilus germanica L.	XX-0-MARIB-2019107, SP, Ptuj, Brstje, I.J.
211	Potentilla chinensis Ser.	XX-0-MARIB-2016130, Pivola, I.J.
212	Prunus mume Siebold & Zucc.	XX-0-MARIB-2019132, SP, Slov. Bistrica, I.J.
213	Rhodotypos scandens (Thunb.) Makino	XX-0-MARIB-2020200, Pivola, I.J.
214	Rosa gallica L.	XX-0-MARIB-2015139, Pivola, I.J.
215	Rosa nitida Willd.	XX-0-MARIB-2016140, Pivola, I.J.
216	Rosa rugosa Thunb.	XX-0-MARIB-2016141, Pivola, I.J.
217	Rosa rugosa Thunb.	XX-0-MARIB-2019142, SP, Žetale, I.J.

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	Rosaceae	
218	Sanguisorba menziesii Rydb.	XX-0-MARIB-2017149, Pivola, I.J.
219	Sanguisorba minor Scop.	XX-0-MARIB-2016150, Pivola, I.J.
220	Sorbaria sorbifolia (L.) A. Braun.	XX-0-MARIB-2016158, Pivola, I.J.
221	Sorbus aria (L.) Crantz.	XX-0-MARIB-2016159, Pivola, I.J.

222	<i>Sorbus domestica</i> L.	XX-0 MARIB2020203, Pivola, I.J.
Rubiaceae		
223	<i>Rubia tinctorum</i> L.	XX-0-MARIB-2019143, SM, Fiesa, B.V.
224	<i>Cofea arabica</i> L.	XX-0-MARIB-2021193, Pivola, A.I.
Ruscaceae		
225	<i>Ruscus hypoglossum</i> L.	XX-1-MARIB-2016144, Pivola, I.J.
Rutaceae		
226	<i>Citrus trifoliata</i> L.	XX-0-MARIB-2019041, Pivola, I.J.
227	<i>Ruta graveolens</i> L.	XX-0-MARIB-2016146, Pivola, I.J.
228	<i>Zanthoxylum americanum</i> Mill.	XX-0-MARIB-2015180, Pivola, I.J.
229	<i>Zanthoxylum americanum</i> Mill.	XX-0-MARIB-2021199, Pivola, I.J.
Sambucaceae		
230	<i>Viburnum davidii</i> Franch.	XX-0-MARIB-2015178, Pivola, I.J.
231	<i>Viburnum davidii</i> Franch.	XX-0-MARIB2020214, Pivola, I.J.
Scrophulariaceae		
232	<i>Paulownia tomentosa</i> (Thunb. ex Murr.) Steud.	XX-0-MARIB-2015120, Pivola, I.J.
233	<i>Paulownia tomentosa</i> (Thunb. Ex Murr.) Steud.	XX-0-MARIB-2020199, Pivola, I.J.
234	<i>Paulownia tomentosa</i> (Thunb. Ex Murr.) Steud.	XX-0-MARIB-2021186, Petrijanec, Hrváška, I.J.
Solanaceae		
235	<i>Capsicum annuum</i> L.	XX-0-MARIB-2019033, SP, Ptuj, Brstje, I.J.
236	<i>Datura stramonium</i> L.	XX-0-MARIB-2017059, SP, Ptuj, I.J.
237	<i>Nicotiana rustica</i> L.	XX-0-MARIB-2015109, Pivola, I.J.
238	<i>Nicotiana rustica</i> L.	XX-0-MARIB-2019110, SP, Brežice, A.I.
239	<i>Nicotiana tabacum</i> L.	XX-0-MARIB-2017111, SP, Lendavske gorice, A.P.
240	<i>Nicotiana tabacum</i> L.	XX-0-MARIB2021211, Pivola, M.P.
241	<i>Physalis angulata</i> L.	XX-0-MARIB-2019122, SP, Brežice, A.I.
242	<i>Physalis philadelphica</i> Lam.	XX-0-MARIB-2019123, SP, Brežice, A.I.
243	<i>Solanum aethiopicum</i> L.	XX-0-MARIB-2019156, SP, Brežice, A.I.
Sparganiaceae		
244	<i>Sparganium neglectum</i> Beeby	XX-0-MARIB-2017161, Pivola, I.J.
Styracaceae		
245	<i>Halesia carolina</i> L.	XX-0-MARIB-2016074, Pivola, I.J.
Valerianaceae		
246	<i>Centranthus ruber</i> (L.) DC	XX-1-MARIB2015035, Pivola, I.J.

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Valerianaceae

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|-----|--------------------------|----------------------------------|
| 247 | Valeriana officinalis L. | XX-0-MARIB-2016175, Pivola, I.J. |
| 248 | Valeriana officinalis L. | XX-0-MARIB-2017176, Pivola, I.J. |

Verbenaceae

- | | | |
|-----|---------------------------------|----------------------------------|
| 249 | Clerodendrum trichotomum Thunb. | XX-0-MARIB-2019043, Pivola, I.J |
| 250 | Verbena bonariensis L. | XX-0-MARIB-2015177, Pivola, I.J. |
| 251 | Vitex agnus - castus L. | XX-0-MARIB-2015179, Pivola, I.J. |

Nomenclature by:

1. Martinčič A. et al. MALA FLORA SLOVENIJE, Ključ za določevanje praprotnic in semenk. Tehniška založba Slovenije. 2007. 967 p.
2. Taxonomic classification system- Flora Europaea; Database of European Plants. <https://www.cabi.org>



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