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The cover photographs are structured to indicate the composition of the individual document in the series. The general picture is of an upland landscape which is a representative of the four landscapes used in the analysis – the others being arable, pastural and marginal upland. The top photograph is comfrey (*Symphytum officinale*), a species of fertile soils and which has a high Ellenberg indicator value for nitrogen. The middle photograph shows dog's mercury (*Mercurialis perennis*), a species usually found in woodland and which has a low Ellenberg indicator value for light. The bottom photograph shows bog bean (*Menyanthes trifoliata*), a species which grows in water or waterlogged soils and which has a high Ellenberg indicator value for moisture. The cover photographs were taken by Bob Bunce.

INTRODUCTION

The vegetation and land cover of the British countryside was surveyed in 1990, repeating and extending the baseline established by a similar survey of the countryside and its vegetation in 1978. The results of Countryside Survey 1990 (CS1990) were published by the Department of the Environment in 1993 (Barr *et al.* 1993). The work described in Volume 2 (of which this Technical Annex is part) builds upon these analyses by describing in more detail the botanical characteristics of the British countryside and botanical change between 1978 and 1990. This Annex provides lists of Ellenberg indicator values derived as part of Module 6 of the Ecological Factors controlling biodiversity in the British countryside (ECOFACT) research programme, and was co-funded by the Department of the Environment, Transport and the Regions (DETR) and the Ministry of Agriculture, Fisheries and Food (MAFF). Other components of the ECOFACT programme were funded by the Scottish Office Agriculture, Environment and Fisheries Department (SOAEFD) and the Natural Environment Research Council (NERC).

The objectives of this work were:

- to produce overall indicators of change in botanical characteristics in the British countryside;
- to enable comparison with other systems for the classification and description of British habitats and vegetation, including those used in the European Union, Great Britain and Northern Ireland;
- to describe the botanical characteristics of the countryside and to provide a national context for the more rare and localised elements of biodiversity;
- to develop hypotheses to explain the causes of changes in botanical character;
- to provide accessible and readily understandable results, using the Countryside Information System (CIS), where appropriate.

Work using the Ellenberg indicator values to help explain the causes of change are the subject of ECOFACT Volume 3 (Firbank *et al.* in prep).

Initially, it was intended to use logistic regression to establish the relationships between species and their controlling environmental variables, but work on the Park Grass Experiment (Hill & Carey 1997) showed the feasibility of using Ellenberg indicator values to interpret differences between vegetation composition. This Annex provides lists of the re-calibrated Ellenberg indicator values for British plants.

Ellenberg, in a series of publications (Ellenberg 1979, Ellenberg 1988, Ellenberg *et al.* 1991), defined a set of indicator values (German *Zeigerwerte*) for the vascular plants of central Europe. These have been widely used, both in central Europe and in adjacent parts of western Europe but have not been available in a form convenient for British ecologists. The purpose of this report is to make Ellenberg's indicator values available for the whole British and Irish flora (excluding microspecies), both as the original values where these were given, and as values recalculated or estimated by ourselves.

The basis of indicator values is the realised ecological niche. Plants have a certain range of tolerance of temperature, light, soil pH, and so on. If we wish to make inferences about the ecological conditions pertaining at a site, much useful information can be

obtained from the flora. Indeed, the flora may indicate quite a narrow range of conditions. If *Rhododendron ponticum* is present, the soil is certainly acid. If *Scabiosa columbaria* (small scabious) is present then the soil is certainly basic or alkaline. Indicator values encapsulate this information. For example on the scale R (soil reaction), *R. ponticum* has the value 3 and *S. columbaria* has the value 8. These values are not mean pH values, but are on an arbitrary scale reflecting soil pH though not directly based on measurements.

The relation between Ellenberg values and a measured environmental variable can be calculated for a restricted range of habitats, but may not hold over the whole range of a species. Indeed, as explained by us elsewhere (Hill *et al.* submitted), an advantage of indicator values is that they may be more sensitive to the requirements of plants than is a selected physical variable such as depth to water table.

Species are not always constant in their ecological requirements and ought in principle to have different indicator values in different parts of their range. Thus, *Primula vulgaris* is largely confined to woods in eastern England, but occurs widely on grassy banks in the north and west. Its shade requirements differ depending on position in the country. The grass *Danthonia decumbens* is confined in southeast England to acid soils, but occurs also on chalk and limestone in the west. Likewise, several species have different pH requirements in GB from those in central Europe. This results in a discrepancy between the original Ellenberg value and that calculated by us for British conditions. *Centaurea nigra*, for example, was given an R value of 3 for central Europe but 6 for GB. *C. scabiosa*, on the other hand, has an R value of 8 in both areas.

The values given here are intended as typical values for GB. Where there are ecological differences within GB, an intermediate value is used.

SPECIES LISTED

Indicator values are given here for 1791 taxa. These include all 1479 species native to Britain except for microspecies in the genera *Hieracium*, *Rubus* and *Taraxacum*. The list of taxa is based on that used for the Atlas 2000 project (Arnold & Preston 1997), which is supported by DETR.

Indicator values are given also for 38 species thought to be possibly native, 239 introduced species, 6 hybrids, and the 3 subspecies of *Carex viridula*. The list aims to be comprehensive and to include all vascular plant species likely to be found in the British countryside, including the commonest crop species such as *Picea sitchensis* and *Triticum aestivum*. Included in the list of British natives are 47 endemics, of which 15 are in *Sorbus*, 9 in *Euphrasia*, 8 in *Limonium*, 2 in *Cochlearia* and 13 one each in 13 other genera. The 14 native Irish species that are not known as natives in GB have been included, as have 12 species native to the Channel Islands but not known from GB or Ireland.

Nomenclature and code numbers are those recommended for the current project Atlas 2000 (Arnold & Preston 1997).

DEFINITION OF ELLENBERG'S INDICATOR VALUES

Ellenberg defined seven major scales, of which five are presented here. The two that are omitted, T (temperature) and K (continentality) correspond quite closely to the major biome and eastern limit categories defined for European distributions by Preston & Hill (1997). Neither T nor K values are satisfactory in an oceanic climate such as that of Britain; those for K are particularly unreliable, especially as Ellenberg's definition was geographical rather than climatic. We intend at a future date to calculate values for summer temperature, winter temperature and annual rainfall, based on the geographical distribution of species recorded by mapping schemes such as Atlas 2000 (Pearman & Preston 1996).

The five scales have values defined as follows. A few species are given for each value by way of explanation.

L – Light

(values for canopy tree species refer to preferences of the sapling stage of the life cycle)

1 Plant in deep shade (no examples for GB).

2 Between 1 and 3 (*Epipogium aphyllum*, *Neottia nidus-avis*, *Trichomanes speciosum*).

3 Shade plant, mostly less than 5% relative illumination, seldom more than 30% illumination when trees are in full leaf (*Galium odoratum*, *Listera cordata*, *Mercurialis perennis*).

4 Between 3 and 5 (*Circaea lutetiana*, *Lamiastrum galeobdolum*, *Poa nemoralis*).

5 Semi-shade plant, rarely in full light, but generally with more than 10% relative illumination when trees are in leaf (*Carex pendula*, *Hyacinthoides non-scripta*, *Primula vulgaris*).

6 Between 5 and 7 (*Anthriscus sylvestris*, *Digitalis purpurea*, *Teucrium scorodonia*).

7 Plant generally in well lit places, but also occurring in partial shade (*Arrhenatherum elatius*, *Carex flacca*, *Poa trivialis*, *Vicia cracca*).

8 Light-loving plant rarely found where relative illumination in summer is less than 40% (*Cardamine hirsuta*, *Orchis morio*, *Thymus polytrichus*, *Vaccinium oxycoccus*).

9 Plant in full light, found mostly in full sun (*Aster tripolium*, *Melilotus albus*, *Poa compressa*, *Primula farinosa*).

F – Moisture

(from the German Feuchtigkeit*)*

1 Indicator of extreme dryness, restricted to soils that often dry out for some time (*Corynephorus canescens*, *Helianthemum apenninum*, *Koeleria vallesiana*).

2 Between 1 and 3 (*Clinopodium acinos*, *Saxifraga tridactylites*, *Sedum acre*).

3 Dry-site indicator, more often found on dry ground than in moist places (*Asplenium trichomanes*, *Centaurea scabiosa*, *Spergularia rubra*).

4 Between 3 and 5 (*Arctium minus*, *Helictotrichon pratense*, *Iris foetidissima*, *Thymus polytrichus*).

5 Moist-site indicator, mainly on fresh soils of average dampness (*Anthriscus sylvestris*, *Euphorbia amygdaloides*, *Hyacinthoides non-scripta*, *Solanum nigrum*).

6 Between 5 and 6 (*Agrostis stolonifera*, *Empetrum nigrum*, *Rumex crispus*).

7 Dampness indicator, mainly on constantly moist or damp, but not on wet soils (*Carex ovalis*, *Dactylorhiza maculata*, *Pulicaria dysenterica*, *Ranunculus repens*).

8 Between 7 and 9 (*Cardamine pratensis*, *Equisetum telmateia*, *Phalaris arundinacea*, *Schoenus nigricans*).

9 Wet-site indicator, often on water-saturated, badly aerated soils (*Drosera rotundifolia*, *Myosotis scorpioides*, *Vaccinium oxycoccus*, *Viola palustris*).

10 Indicator of shallow-water sites that may lack standing water for extensive periods (*Alisma plantago-aquatica*, *Carex limosa*, *Ranunculus lingua*, *Typha latifolia*).

11 Plant rooting under water, but at least for a time exposed above, or plant floating on the surface (*Lemna minor*, *Nuphar lutea*, *Sagittaria sagittifolia*, *Schoenoplectus lacustris*).

12 Submerged plant, permanently or almost constantly under water (*Isoetes lacustris*, *Potamogeton crispus*, *Ranunculus circinatus*, *Zostera marina*).

R – Reaction

(soil pH, or water pH)

1 Indicator of extreme acidity, never found on weakly acid or basic soils (*Andromeda polifolia*, *Lycopodium clavatum*, *Rubus chamaemorus*, *Ulex minor*).

2 Between 1 and 3 (*Agrostis curtisii*, *Calluna vulgaris*, *Drosera rotundifolia*, *Polygala serpyllifolia*).

3 Acidity indicator, mainly on acid soils, but exceptionally also on nearly neutral ones (*Agrostis vinealis*, *Dactylorhiza maculata*, *Galium saxatile*, *Pteridium aquilinum*).

4 Between 3 and 5 (*Agrostis capillaris*, *Carex panicea*, *Juncus effusus*, *Teucrium scorodonia*).

5 Indicator of moderately acid soils, only occasionally found on very acid or on neutral to basic soils (*Cardamine pratensis*, *Cirsium palustre*, *Rubus idaeus*, *Ulex europaeus*).

6 Between 5 and 7 (*Ammophila arenaria*, *Carex sylvatica*, *Lolium perenne*, *Ranunculus ficaria*).

7 Indicator of weakly acid to weakly basic conditions; never found on very acid soils (*Agrimonia eupatoria*, *Atriplex prostrata*, *Nuphar lutea*, *Phleum pratense*).

8 Between 7 and 9 (*Artemisia vulgaris*, *Carduus nutans*, *Iris foetidissima*, *Viola hirsuta*).

9 Indicator of basic reaction, always found on calcareous or other high-pH soils (*Bunium bulbocastanum*, *Clinopodium calamintha*, *Dryopteris submontana*, *Primula farinosa*).

N – Nitrogen

(in effect a general indicator of soil fertility)

1 Indicator of extremely infertile sites (*Agrostis curtisii*, *Clinopodium acinos*, *Drosera rotundifolia*, *Rubus chamaemorus*).

2 Between 1 and 3 (*Aira praecox*, *Carex panicea*, *Linum catharticum*, *Scabiosa columbaria*).

3 Indicator of more or less infertile sites (*Centaurea scabiosa*, *Galium saxatile*, *Pimpinella saxifraga*, *Teucrium scorodonia*).

4 Between 3 and 5 (*Agrostis capillaris*, *Cirsium palustre*, *Plantago lanceolata*, *Primula vulgaris*).

5 Indicator of sites of intermediate fertility (*Angelica sylvestris*, *Digitalis purpurea*, *Iris foetidissima*, *Trifolium pratense*).

6 Between 5 and 7 (*Cirsium arvense*, *Glyceria fluitans*, *Poa trivialis*, *Rumex crispus*).

7 Plant often found in richly fertile places (*Atriplex prostrata*, *Epilobium hirsutum*, *Stellaria media*, *Typha latifolia*).

8 Between 7 and 9 (*Beta vulgaris*, *Galium aparine*, *Lamium album*, *Urtica dioica*).

9 Indicator of extremely rich situations, such as cattle resting places or near polluted rivers (*Arctium lappa*, *Artemisia absinthium*, *Hyoscyamus niger*, *Rumex obtusifolius*).

S – Salt

(new definitions have been written for this account; definitions of Ellenberg et al. 1991, have a spurious accuracy).

0 Absent from saline sites; if in coastal situations, only accidental and non-persistent if subjected to saline spray or water (85% of the British flora).

1 Slightly salt-tolerant species, rare to occasional on saline soils but capable of persisting in the presence of salt – includes dune and dune-slack species where the ground water is fresh but where some inputs of salt spray are likely (*Calystegia sepium*, *Chenopodium album*, *Oenanthe crocata*, *Sedum anglicum*).

2 Species occurring in both saline and non-saline situations, for which saline habitats are not strongly predominant (*Atriplex prostrata*, *Elytrigia repens*, *Phragmites australis*, *Rumex crispus*).

3 Species most common in coastal sites but regularly present in freshwater or on non-saline soils inland (includes strictly coastal species occurring in sites such as cliff crevices and sand dunes that are not obviously salt-affected) (*Cakile maritima*, *Cochlearia officinalis*, *Juncus gerardii*, *Spergularia rupicola*).

4 Species of salt meadows and upper saltmarsh, subject to at most only very occasional tidal inundation – includes species of brackish conditions (ie of consistent but low salinity) (*Atriplex littoralis*, *Elytrigia atherica*, *Glaux maritima*, *Triglochin maritimum*).

5 Species of the upper edge of saltmarsh, where not inundated by all tides – includes obligate halophytes of cliffs receiving regular salt spray (*Aster tripolium*, *Crithmum maritimum*, *Puccinellia maritima*, *Suaeda vera*).

6 Species of mid-level saltmarsh (*Atriplex portulacoides*, *Cochlearia anglica*, *Limonium vulgare*).

7 Species of lower saltmarsh (*Spartina anglica*, *Suaeda maritima*).

8 Species more or less permanently inundated in sea water (*Zostera* spp.).

9 Species of extremely saline conditions, in sites where sea water evaporates, precipitating salt (*Salicornia europaea* agg. – these could equally well be treated as species of the lower marsh).

DERIVATION OF INDICATOR VALUES

Indicator values published here have been derived in several ways. The original Ellenberg values are those published by Ellenberg *et al.* (1991), with the difference that we have not attempted to distinguish between doubtful values and the value x, which signified wide amplitude. We found that many species indicated as having wide amplitude in central Europe did not have wide amplitude in GB. We have, therefore, not used this category here.

The British values are indicated in the table as Light (final), Moisture (final) etc. These have been derived by a variety of means. In the first place, we took a large dataset, consisting of the quadrat data from CS1990 (Barr *et al.* 1993) and summarised quadrat data from Volumes 1–4 of British Plant Communities (Rodwell 1991–95). Using these data, we calculated new values by comparing original indicator values of species with the mean values of their associated species (Hill *et al.* submitted). These calculated values are the basis of the final values. Where species had not been found in quadrats, we used information from published sources, notably Palmer, Bell & Butterfield (1992), Stewart, Pearman & Preston (1994) and a draft of a forthcoming Red Data Book of vascular plants (Wigginton, in press). All cases where there was a large discrepancy between the calculated value and the original Ellenberg value were checked carefully. Where, on the basis of field experience, we thought that the original value was closer to the truth, we changed the final value to accord with our opinions.

The calculation was almost totally unsuccessful with saltmarsh plants. For S values, we therefore went back to first principles and rewrote the definitions to be in close accord with Ellenberg's but easier to apply.

The result is that the values presented here are a mixture of objective results based on calculation and subjectively derived values based on field experience and published sources. This may at first sight appear an odd mixture, but there were all sorts of factors including sampling bias in the quadrat data, which meant that a fully objective procedure was not possible.

The Ellenberg indicator values have already been used in ECOFACT Volume 1 (Bunce *et al.* 1999) to help describe the characteristics of the vegetation classes. Also, as mentioned in the Introduction, they are an integral part of both ECOFACT Volumes 2 and 3. The indicator values have also been incorporated into the Modular Analysis of Vegetation and Interpretation System (MAVIS). A package currently being tested which also provides ready access to the vegetation analysis procedures of the Countryside Vegetation System (CVS), National Vegetation Classification (NVC) and Competitor-Stess tolerator-Ruderal characterisation (CSR).

USING INDICATOR VALUES

The purpose of this report is to present indicator values for British species, not to give instructions on how to use them. The main use of the values is for environmental monitoring. For examples, please refer to the publications of Diekmann & Falkengren-Grerup (1998), Ellenberg *et al.* (1991), Hannerz & Hånell (1997), Koerner *et al.* (1997), Thimonier *et al.* (1994) and van der Maarel *et al.* (1985). Typically, mean indicator values for quadrat samples are calculated at intervals over time, and changes are interpreted by reference to the indicator in question. For example, increasing N values are likely to indicate eutrophication.

A secondary use of indicator values is as a means of interpreting ordinations. It frequently happens that ordinations produce similar gradients, even when the original assumptions are very different (for a remarkable example, which relates Grime's stress values to Ellenberg's N values, see Grime *et al.* 1997). An advantage of the Ellenberg values is that they are pre-defined and therefore provide an objective benchmark to interpret ordinations in terms of known gradients.

ELLENBERG'S INDICATOR VALUES FOR BRITISH PLANTS

For each variable (LO, FO, RO, NO, SO) the original value is that of Ellenberg* et al. *(1991). The modified (final) value is that recommended by us for use in GB.

Nomenclature and species code numbers

Nomenclature for species names follows that recommended by Arnold & Preston (1997) BRC numbers are code numbers recommended by Arnold & Preston (1997) BRC refers to the Biological Records Centre at Monks Wood.

Key for column headings

St	Status
BRC	BRC number
LO	Light (orig)
L	Light (final)
FO	Moisture (orig)
F	Moisture (final)
RO	Reaction (orig)
R	Reaction (final)
NO	Nitrogen (orig)
N	Nitrogen (final)
SO	Salt (orig)
S	Salt (final)

Key to column St (Status)

① Introduced species or hybrid
② Possibly introduced
③ Endemic
④ Native to Ireland but not GB
⑤ Native to Channel Islands but not GB or Ireland
⑥ Hybrid native to GB or Ireland
⑦ Subspecies [very few included]

Key to columns L,F,R,N,S

– Species not considered by Ellenberg
• Original Ellenberg value x (broad amplitude) or ? (unknown)

blank	Calculated value differing by –1, 0 or +1 from original value, or original value not defined
+	Value modified by us on basis of subjective opinion
✓	Value taken direct from Ellenberg, not modified
✗	Calculated value differing by 2 from Ellenberg original value
⋆	Calculated value differing by 3 or more from Ellenberg original value

St	Species name	BRC	LO	L	FO	F	RO	R	NO	N	SO	S	Short name
①	*Acaena novae-zelandiae*	2527	–	8	–	3	–	6	–	3	–	0	Acae nova
	Acer campestre	3	5	5 +	5	5	7	7	6	6	0	0	Acer camp
①	*Acer platanoides*	4	4	4 +	•	5	•	7	•	7	0	0	Acer plat
①	*Acer pseudoplatanus*	5	4	4 +	6	5	•	6	7	6	0	0	Acer pseu
	Aceras anthropophorum	6	7	7 ✓	4	4 ✓	8	8 ✓	3	3 ✓	0	0 ✓	Acer anth
	Achillea millefolium	7	8	7	4	5	•	6	5	4	1	1 +	Achi mill
	Achillea ptarmica	9	8	7	8	7	4	5	2	3	0	0	Achi ptar
	Aconitum napellus	14	7	5 +	7	7 ✓	7	7 ✓	8	6 +	0	0 ✓	Acon nape
①	*Acorus calamus*	15	8	8	10	10	7	7	7	7	0	0	Acor cala
	Actaea spicata	16	3	3 ✓	5	5 ✓	6	8 +	7	6 +	0	0 ✓	Acta spic
	Adiantum capillus-veneris	17	–	4 +	–	7 +	–	8 +	–	3 +	–	0 +	Adia capi
①	*Adonis annua*	18	–	7	–	4	–	7	–	4	–	0	Adon annu
	Adoxa moschatellina	19	5	4	6	5	7	6	8	5 ⋆	0	0	Adox mosc
①	*Aegopodium podagraria*	20	5	6	6	5	7	6	8	7	0	0	Aego poda
①	*Aesculus hippocastanum*	2241	–	5 +	–	5	–	7	–	7	–	0	Aesc hipp

continued...

St	Species name	BRC	LO	L	FO	F	RO	R	NO	N	SO	S	Short name
	Aethusa cynapium	21	6	6	5	4	8	7	6	6	0	0	Aeth cyna
	Agrimonia eupatoria	22	7	7	4	4	8	7	4	4	0	0	Agri eupa
	Agrimonia procera	23	5	5 +	5	6	6	7	4	5 +	0	0	Agri proc
	Agrostis canina	35.2	9	7 ✗	9	7 ✗	3	3	2	3	0	0	Agro cani
	Agrostis capillaris	40	7	6	•	5	4	4	4	4	0	0	Agro capi
	Agrostis curtisii	38	–	7	–	6	–	2	–	1	–	0	Agro curt
	Agrostis gigantea	36	7	7	8	6 ✗	7	6	6	7	0	0	Agro giga
	Agrostis stolonifera	39	8	7	7	6	•	7	5	6	0	1	Agro stol
	Agrostis vinealis	35.1	9	7 ✗	2	6 ✶	2	3	1	2	0	0	Agro vine
	Aira caryophyllea	41	9	8	2	2 +	4	5	1	2	0	0	Aira cary
	Aira praecox	42	9	8	2	2 +	2	4 ✗	1	2	0	0	Aira prae
	Ajuga chamaepitys	43	7	7	4	4	9	8 +	2	2 +	0	0	Ajug cham
	Ajuga pyramidalis	45	7	7 ✓	5	5 ✓	1	5 +	1	2 +	0	0 ✓	Ajug pyra
	Ajuga reptans	46	6	5	6	7	6	5	6	5	0	0	Ajug rept
	Alchemilla acutiloba	47	6	7	5	4	6	6	6	5	0	0	Alch acut
	Alchemilla alpina	48	9	7 ✗	5	5	2	4 ✗	2	3	0	0	Alch alpi
	Alchemilla filicaulis	4480	–	8	–	6	–	6	–	3	–	0	Alch fili
	Alchemilla glabra	51	7	7	6	6	4	6 ✗	4	4	0	0	Alch glab
	Alchemilla glaucescens	54	7	7 ✓	5	5 ✓	4	7 +	3	5 +	0	0 ✓	Alch glau
	Alchemilla glomerulans	52	–	7	–	5 +	–	5 +	–	4 +	–	0	Alch glom
	Alchemilla gracilis	2552	7	7 ✓	7	5 +	•	7 +	•	5 +	0	0 ✓	Alch grac
③	*Alchemilla minima*	53	–	7 +	–	6 +	–	8 +	–	3 +	–	0	Alch mini
	Alchemilla monticola	55	6	7	5	4	6	6	4	4	0	0	Alch mont
	Alchemilla subcrenata	56	7	7	5	4	5	6	6	5	0	0	Alch subc
	Alchemilla wichurae	59	–	7	–	5	–	5	–	3	–	0	Alch wich
	Alchemilla xanthochlora	60	6	6	7	5 ✗	7	6	•	4	0	0	Alch xant
	Alisma gramineum	61	7	7 ✓	11	11 ✓	7	7 ✓	4	4 ✓	0	0 ✓	Alis gram
	Alisma lanceolatum	62	7	8	10	10 +	7	7	5	7 ✗	0	0	Alis lanc
	Alisma plantago-aquatica	63	7	7	10	10	•	7	8	7	0	0	Alis plan
	Alliaria petiolata	64	5	5	5	6	7	7	9	8	0	0	Alli peti
②	*Allium ampeloprasum*	8283	–	8	–	4	–	6	–	5	–	0	Alli ampe
①	*Allium carinatum*	67	8	8 +	3	4 +	8	7	2	2 +	0	0	Alli cari
①	*Allium cepa*	9184	–	7	–	4	–	7	–	8	–	0	Alli cepa
	Allium oleraceum	68	7	7 ✓	3	5 +	7	7 ✓	4	4 ✓	0	0 ✓	Alli oler
①	*Allium paradoxum*	69	6	6 ✓	5	5 ✓	7	5 +	7	7 ✓	0	1 +	Alli para
①	*Allium roseum*	70	–	7	–	4	–	6	–	5	–	0	Alli rose
	Allium schoenoprasum	72	7	8	•	6	7	5 ✗	2	1	0	0 +	Alli scho
	Allium scorodoprasum	71	6	6 ✓	7	6 +	7	7 ✓	7	7 ✓	0	0 ✓	Alli scor
	Allium sphaerocephalon	73	9	9 ✓	3	3 ✓	8	8 ✓	2	2 ✓	0	0 ✓	Alli spha
①	*Allium triquetrum*	74	–	6 +	–	4	–	6	–	5	–	0	Alli triq
	Allium ursinum	75	2	4 ✗	6	6	7	7	8	7	0	0	Alli ursi
	Allium vineale	76	5	7 ✗	4	5	•	8	7	6	0	0	Alli vine
	Alnus glutinosa	77	5	5	9	8	6	6	•	6	1	0	Alnu glut
①	*Alnus incana*	78	6	6 ✓	7	7 ✓	8	6 +	•	4 +	0	0 ✓	Alnu inca
	Alopecurus aequalis	79	9	8	9	9 +	•	4	9	7 +	0	0	Alop aequ
	Alopecurus borealis	80	–	8	–	9	–	5	–	3	–	0	Alop bore
	Alopecurus bulbosus	81	8	8 ✓	7	7 ✓	7	7 ✓	5	5 ✓	3	3 ✓	Alop bulb
	Alopecurus geniculatus	82	9	8	8	7	7	6	7	6	2	1	Alop geni
	Alopecurus myosuroides	84	6	6	5	5	7	7	6	6	0	0	Alop myos
	Alopecurus pratensis	85	6	7	6	5	6	6	7	7	0	0	Alop prat
②	*Althaea hirsuta*	86	7	9 +	4	4 ✓	8	8 ✓	3	3 ✓	0	0 ✓	Alth hirs
	Althaea officinalis	87	6	7 +	7	7 ✓	8	8 ✓	4	4 ✓	2	2 ✓	Alth offi
①	*Amaranthus albus*	90	8	8	2	5 ✶	•	8	7	7	1	0	Amar albu
①	*Amaranthus retroflexus*	92	8	7	4	4	7	7 +	7	7 +	1	0	Amar retr
	Ammophila arenaria	97	9	9	4	4	7	6	5	3 ✗	1	3 +	Ammo aren
①	*Amsinckia micrantha*	2616	–	9 +	–	3 +	–	3 +	–	3 +	–	0	Amsi micr
	Anacamptis pyramidalis	98	8	8	3	4	9	8	2	3	0	0	Anac pyra
	Anagallis arvensis	99	6	7	5	4	•	6	6	5	0	0	Anag arve
	Anagallis minima	456	8	8	7	7	4	5	3	3	0	0 +	Anag mini

continued...

St	Species name	BRC	LO	L	FO	F	RO	R	NO	N	SO	S	Short name
	Anagallis tenella	100	8	8	9	8	•	5	2	3	0	0	Anag tene
①	*Anaphalis margaritacea*	101	–	8	–	5	–	6	–	3	–	0	Anap marg
	Anchusa arvensis	1218	7	7	4	4	•	6	4	5	0	0	Anch arve
	Andromeda polifolia	103	9	9	9	9 +	1	1	1	1	0	0	Andr poli
	Anemone nemorosa	105	•	5	5	6	•	5	•	4	0	0	Anem nemo
	Angelica sylvestris	109	7	7	8	8	•	6	4	5	0	0	Ange sylv
①	*Anisantha diandra*	110	–	7	–	4	–	5	–	4	–	0	Anis dian
	Anisantha sterilis	113	7	7	4	5	•	8	5	7 ✗	0	0	Anis ster
⑤	*Anogramma leptophylla*	115	–	7	–	2	–	8	–	1	–	0	Anog lept
	Antennaria dioica	116	8	8	4	5	3	4	2	2	0	0	Ante dioi
	Anthemis arvensis	117	7	7	4	4	6	7	6	6	0	0	Anth arve
	Anthemis cotula	118	7	7	4	5	•	6	5	6	0	0	Anth cotu
①	*Anthoxanthum aristatum*	122	7	7	•	4	2	4 ✗	3	5 ✗	0	0	Anth aris
	Anthoxanthum odoratum	121	•	7	•	6	5	4	•	3	1	0	Anth odor
	Anthriscus caucalis	123	8	7	5	5	6	6	6	5	0	0	Anth cauc
	Anthriscus sylvestris	125	7	6	5	5	•	7	8	7	0	0	Anth sylv
	Anthyllis vulneraria	126	8	8	3	4	7	7	2	2	0	0	Anth vuln
①	*Antirrhinum majus*	127	7	8 +	5	3 +	7	7 ✓	6	5 +	0	0 ✓	Anti maju
	Apera interrupta	129	–	9	–	5 +	–	8	–	6 +	–	3	Aper inte
	Apera spica-venti	130	6	7	6	4 ✗	5	5	•	5	0	0	Aper spic
	Aphanes arvensis	132	6	8	6	4 ✗	•	6	5	4	0	0	Apha arve
	Aphanes inexspectata	133	7	7	5	4	4	5	4	4	0	0	Apha inex
	Apium graveolens	134	9	8	8	8	7	7	8	7	4	2 +	Apiu grav
	Apium inundatum	135	7	7	10	10 +	•	6	2	4 +	0	0	Apiu inun
	Apium nodiflorum	137	7	7	10	10 +	•	7	6	7	1	0	Apiu nodi
	Apium repens	138	9	9 ✓	7	9 +	7	7 ✓	7	7 ✓	1	0 +	Apiu repe
	Aquilegia vulgaris	141	6	6	4	4	7	6	4	5	0	0	Aqui vulg
	Arabidopsis thaliana	142	6	8 ✗	4	3	4	6 +	4	2 ✗	0	0	Arab thal
	Arabis alpina	143	7	7 ✓	5	5 ✓	9	7 +	3	3 ✓	0	0 ✓	Arab alpi
	Arabis glabra	2108	6	7 +	3	3 ✓	8	8 ✓	5	5 ✓	0	0 ✓	Arab glab
	Arabis hirsuta	146	7	7	4	5	8	8 +	•	3	0	0	Arab hirs
	Arabis petraea	332	9	9 ✓	3	3 ✓	8	8 ✓	1	1 ✓	0	0 ✓	Arab petr
	Arabis scabra	147	–	7 +	–	3 +	–	8 +	–	2 +	–	0	Arab scab
④	*Arbutus unedo*	149	–	6 +	–	5 +	–	7 +	–	2 +	–	0	Arbu uned
	Arctium lappa	151	9	9 ✓	5	5 ✓	7	7 ✓	9	9 ✓	0	0 ✓	Arct lapp
	Arctium minus	2504	9	6 ✶	5	4	•	7	8	5 ✶	0	0	Arct minu
	Arctostaphylos alpinus	156	7	7	5	6	•	2	2	2	0	0	Arct alpi
	Arctostaphylos uva-ursi	155	6	7	3	5 ✗	•	2	2	2	0	0	Arct uva-
④	*Arenaria ciliata*	158	9	9 ✓	5	5 ✓	8	8 ✓	2	2 ✓	0	0 ✓	Aren cili
	Arenaria norvegica	160	–	9 +	–	3 +	–	8 +	–	2 +	–	0	Aren norv
	Arenaria serpyllifolia	162	8	8	4	3	7	7	•	5 +	0	0	Aren serp
⑤	*Armeria arenaria*	165	8	8 ✓	3	3 ✓	6	6 ✓	2	2 ✓	0	0 ✓	Arme aren
	Armeria maritima	166	8	8	6	7	5	5 +	4	5	6	3 +	Arme mari
①	*Armoracia rusticana*	167	8	8	5	5	•	7	9	7 ✗	0	0	Armo rust
	Arrhenatherum elatius	169	8	7	•	5	7	7	7	7	0	0	Arrh elat
	Artemisia absinthium	170	9	7 ✗	4	4	7	7	8	9	0	0	Arte absi
	Artemisia campestris	171	9	8 +	2	3	5	6 +	2	5 +	0	0	Arte camp
	Artemisia norvegica	2264	–	9 +	–	4 +	–	4 +	–	1 +	–	0	Arte norv
	Artemisia vulgaris	175	7	7	6	4 ✗	•	8	8	7	0	0	Arte vulg
	Arum italicum	177	–	4 +	–	5	–	6	–	6	–	0	Arum ital
	Arum maculatum	176	3	4	7	5 ✗	7	7	8	7	0	0	Arum macu
①	*Asparagus officinalis* s.s.	179.1	6	7 +	3	5 +	•	6 +	4	5 +	0	2 +	Aspa offi
	Asparagus prostratus	179.2	–	8	–	4	–	6	–	3	–	3	Aspa pros
	Asperula cynanchica	5472	7	7	3	3	8	8	3	2	0	0	Aspe cyna
	Asplenium adiantum-nigrum	185.1	6	6	4	4	2	5 +	3	5 ✗	0	0	Aspl adia
	Asplenium marinum	189	–	9	–	6 +	–	5 +	–	5	–	3 +	Aspl mari
	Asplenium obovatum	191	5	5 ✓	5	5 ✓	4	4 ✓	•	3 +	0	0 ✓	Aspl obov
④	*Asplenium onopteris*	185.2	–	5 +	–	5 +	–	7 +	–	3 +	–	0	Aspl onop
	Asplenium ruta-muraria	192	8	7	3	3	8	7	2	2	0	0	Aspl ruta

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	Asplenium septentrionale	193	8	8 ✓	3	3 ✓	2	2 ✓	2	2 ✓	0	0 ✓	Aspl sept
	Asplenium trichomanes	194	5	5 +	5	3 ✗	•	8	3	2	0	0	Aspl tric
	Asplenium viride	195	4	4 +	6	5	8	8	•	3	0	0	Aspl viri
①	*Aster lanceolatus*	197	7	7 ✓	6	5 +	•	7 +	8	6 +	0	1 +	Aste lanc
	Aster linosyris	1166	8	8	2	3	8	8	2	1	0	0	Aste lino
①	*Aster novae-angliae*	200	7	7 ✓	7	5 +	7	7 ✓	9	6 +	0	0 ✓	Aste n-an
①	*Aster novi-belgii*	4494	9	7 +	6	6 ✓	7	7 ✓	9	6 +	0	1 +	Aste n-be
	Aster tripolium	204	8	9	•	8	7	7	7	6	8	5 +	Aste trip
①	*Aster x salignus*	203	7	7 ✓	6	5 +	8	7 +	9	6 +	0	1 +	Aste sali
	Astragalus alpinus	206	9	9 ✓	4	4 ✓	6	6 ✓	•	2 +	0	0 ✓	Astr alpi
	Astragalus danicus	207	8	8	3	3	9	8 +	2	2	0	0	Astr dani
	Astragalus glycyphyllos	208	6	6 ✓	4	4 ✓	7	7 ✓	3	3 ✓	0	0 ✓	Astr glyc
	Athyrium distentifolium	210	5	6	6	6	6	3 ✶	7	4 ✶	0	0	Athy dist
	Athyrium filix-femina	211	3	5 ✗	7	7	•	5	6	6	0	0	Athy fili
③	*Athyrium flexile*	210.1	–	7 +	–	6 +	–	3 +	–	4 +	–	0	Athy flex
	Atriplex glabriuscula	212	9	9	7	6	7	7	9	8	3	3	Atri glab
	Atriplex laciniata	216	9	9 +	7	6	7	7	8	7	2	3 +	Atri laci
	Atriplex littoralis	217	9	9	•	6	•	7	9	6 ✶	7	4 +	Atri litt
	Atriplex longipes	2286	9	9 ✓	6	6 ✓	•	7 +	8	8 ✓	5	4 +	Atri long
	Atriplex patula	218	6	7	5	5	7	7	7	7	0	2 +	Atri patu
	Atriplex pedunculata	949	9	9 ✓	8	8 ✓	7	7 ✓	8	8 ✓	7	5 +	Atri pedu
	Atriplex portulacoides	950	9	9	7	8	•	8	7	6	8	6 +	Atri port
	Atriplex praecox	2287	–	9 +	–	5 +	–	7 +	–	6 +	–	3 +	Atri prae
	Atriplex prostrata	214	8	8	6	7	•	7	9	7 ✗	0	2 +	Atri pros
	Atropa belladonna	219	6	5	5	4	8	8	8	6 ✗	0	0	Atro bell
①	*Avena fatua*	220	6	7	5	4	7	7	•	7	0	0	Aven fatu
①	*Avena sativa*	2988	–	7	–	5	–	7	–	7	–	0	Aven sati
①	*Avena strigosa*	222	–	7	–	7	–	5	–	5	–	0	Aven stri
①	*Azolla filiculoides*	223	6	7	11	11 +	•	8	8	8	0	0	Azol fili
	Baldellia ranunculoides	224	8	8	10	10 +	•	6 +	2	2 +	1	0	Bald ranu
	Ballota nigra	225	8	7	5	4	•	8	8	6	0	0	Ball nigr
①	*Barbarea intermedia*	226	8	8 ✓	5	5 ✓	•	6 +	7	7 ✓	0	0	Barb inte
②	*Barbarea stricta*	227	8	8 ✓	7	7 ✓	7	7 ✓	8	8 ✓	0	0 ✓	Barb stri
①	*Barbarea verna*	228	8	8 ✓	5	5 ✓	•	6 +	6	6 ✓	0	0	Barb vern
	Barbarea vulgaris	229	8	7	6	6	•	7	6	8 ✗	0	0	Barb vulg
	Bartsia alpina	230	8	8	8	8	7	7	3	2	0	0	Bart alpi
	Bellis perennis	231	8	8	5	5	•	6	6	4 ✗	0	0	Bell pere
	Berberis vulgaris	232	7	7 ✓	4	4 ✓	8	8 ✓	3	3 ✓	0	0 ✓	Berb vulg
	Berula erecta	234	8	7	10	10 +	8	7	6	7	1	0	Beru erec
	Beta vulgaris	235	9	9	6	5	7	7	9	8 +	5	3 +	Beta vulg
	Betula nana	238	8	7	9	8	1	1	2	1	0	0	Betu nana
	Betula pendula	239	7	7 +	•	5	•	4 +	•	4	0	0	Betu pend
	Betula pubescens	240	7	7 +	8	7	3	4	3	4	0	0	Betu pube
	Bidens cernua	241	8	8	9	9	7	7	9	7 ✗	0	0	Bide cern
	Bidens tripartita	242	8	8	9	8	•	7	8	7	0	0	Bide trip
	Blackstonia perfoliata	243	8	8	7	5 +	9	8 +	4	2 ✗	0	0	Blac perf
	Blechnum spicant	244	3	5 ✗	6	6	2	3	3	3	0	0	Blec spic
	Blysmus compressus	245	8	8 ✓	8	8 ✓	8	8 ✓	3	3 ✓	1	0 +	Blys comp
	Blysmus rufus	246	8	8	7	8	7	7	4	4	5	5 +	Blys rufu
	Bolboschoenus maritimus	1860	8	8	10	10 +	8	8	7	7	2	4 +	Bolb mari
	Botrychium lunaria	248	8	8	4	4	•	6	2	2	0	0	Botr luna
	Brachypodium pinnatum	249	6	7	4	3	7	8	4	3	0	0	Brac pinn
	Brachypodium sylvaticum	250	3	6 ✶	5	5	6	6	6	5	0	0	Brac sylv
①	*Brassica napus*	251	–	7	–	4	–	7	–	7	–	0	Bras napu
	Brassica nigra	252	8	8	8	5 ✶	8	7	7	6	0	0	Bras nigr
	Brassica oleracea	253	8	8	5	4	•	7	8	8 +	3	3 +	Bras oler
①	*Brassica rapa*	254	–	7	–	5	–	7	–	6	–	0	Bras rapa
①	*Briza maxima*	255	–	7	–	3	–	4	–	2	–	0	Briz maxi
	Briza media	256	8	8	•	5	•	7	2	3	0	0	Briz medi

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St	Species name	BRC	LO	L	FO	F	RO	R	NO	N	SO	S	Short name
①	*Briza minor*	257	–	7	–	4	–	5	–	5	–	0	Briz mino
	Bromopsis benekenii	259	5	5 ✓	5	5 ✓	7	7 ✓	5	5 ✓	0	0 ✓	Brom bene
	Bromopsis erecta	263	8	7	3	4	8	8	3	3	0	0	Brom erec
①	*Bromopsis inermis*	265	8	8 ✓	4	4 ✓	8	8 ✓	5	5 ✓	0	0	Brom iner
	Bromopsis ramosa	272	6	4 ✗	5	6	7	7	6	7	0	0	Brom ramo
	Bromus commutatus	262	6	7	4	4	7	8	3	6 ✶	0	0	Brom comm
	Bromus hordeaceus	269	7	8	•	4	•	7	3	4	1	0	Brom hord
	Bromus racemosus	271	6	6	8	6 ✗	5	7 ✗	5	8 ✶	0	0	Brom race
①	*Bromus rigidus*	112	–	8	–	4	–	8	–	7	–	0	Brom rigi
	Bryonia dioica	276	7	7	5	5	8	7	6	7	0	0	Bryo cret
①	*Buddleja davidii*	277	8	7	4	5	7	7	4	5	0	0	Budd davi
	Bunium bulbocastanum	282	7	7 ✓	4	4 ✓	9	9 ✓	4	4 ✓	0	0 ✓	Buni bulb
	Bupleurum baldense	285	–	9 +	–	3 +	–	8 +	–	2 +	–	0	Bupl bald
	Bupleurum falcatum	283	6	6 ✓	3	3 ✓	9	9 ✓	3	3 ✓	0	0 ✓	Bupl falc
	Bupleurum tenuissimum	287	9	9 ✓	7	7 ✓	8	8 ✓	4	4 ✓	3	3 ✓	Bupl tenu
	Butomus umbellatus	288	6	7	10	11	•	7	7	7	•	0	Buto umbe
	Buxus sempervirens	289	5	4	4	4	8	8	4	5	0	0	Buxu semp
	Cakile maritima	291	9	9	6	6	•	7	8	7	4	3	Caki mari
	Calamagrostis canescens	292	6	7	9	9	6	7	5	5	0	0	Cala cane
	Calamagrostis epigejos	293	7	7	•	7	•	7	6	6	0	0	Cala epig
	Calamagrostis purpurea	2646	7	7 ✓	8	8 ✓	•	6 +	3	3 ✓	0	0 ✓	Cala purp
③	*Calamagrostis scotica*	295	–	8 +	–	8 +	–	6 +	–	4 +	–	0	Cala scot
	Calamagrostis stricta	294	9	9 ✓	9	9 ✓	•	4 +	2	2 ✓	0	0 ✓	Cala stri
①	*Calendula officinalis*	300	–	8	–	5	–	7	–	7	–	0	Cale offi
	Callitriche brutia	303.2	8	8 ✓	10	9 +	•	5 +	5	5 ✓	1	0 +	Call brut
	Callitriche hamulata	303.1	8	7	10	11	6	6	4	5	0	0	Call hamu
	Callitriche hermaphroditica	302	7	7	12	12	4	7 ✶	3	5 ✗	0	1	Call herm
	Callitriche obtusangula	304	8	7	11	11	7	7	7	6	1	1	Call obtu
	Callitriche platycarpa	307.1	7	6	11	11	7	7	7	7	0	0 +	Call plat
	Callitriche stagnalis	307.2	6	7	10	10	6	6	4	6 ✗	1	1	Call stag
	Callitriche truncata	308	–	7 +	–	12 +	–	7 +	–	7 +	–	0	Call trun
	Calluna vulgaris	309	8	7	•	6	1	2	1	2	0	0	Call vulg
	Caltha palustris	310	7	7	9	9	•	6	6	4 ✗	0	0	Calt palu
①	*Calystegia pulchra*	2266	6	6 ✓	5	5 ✓	7	7 ✓	7	7 ✓	0	0	Caly pulc
	Calystegia sepium	311	8	7	6	8 ✗	7	7	9	7 ✗	0	1	Caly sepi
①	*Calystegia silvatica*	313	–	5 +	–	5 +	–	7 +	–	6 +	–	0	Caly silv
	Calystegia soldanella	312	8	9	4	4	7	7	5	4	0	3 +	Caly sold
	Campanula glomerata	315	7	8	4	4	7	7	3	3	0	0	Camp glom
	Campanula latifolia	316	4	4	6	5	8	7	8	6 ✗	0	0	Camp lati
	Campanula patula	318	8	8 ✓	5	5 ✓	7	7 ✓	5	5 ✓	0	0 ✓	Camp patu
①	*Campanula rapunculoides*	320	6	6 ✓	4	4 ✓	7	7 ✓	4	5 +	0	0	Camp rapu
	Campanula rotundifolia	322	7	7	•	4	•	5	2	2	0	0	Camp rotu
	Campanula trachelium	323	4	4	6	5	8	7	8	6 ✗	0	0	Camp trac
	Capsella bursa-pastoris	325	7	7	5	5	•	7	6	7	0	0	Caps burs
	Cardamine amara	327	7	6	9	9 +	6	7	4	6 ✗	0	0	Card amar
	Cardamine bulbifera	625	3	3 ✓	5	5 ✓	7	7 ✓	6	6 ✓	0	0 ✓	Card bulb
	Cardamine flexuosa	328	6	5	8	7	4	6	5	6	0	0	Card flex
	Cardamine hirsuta	329	6	8 ✗	5	5	5	6	7	6	0	0	Card hirs
	Cardamine impatiens	330	5	6	6	5	7	8	8	7	0	0	Card impa
	Cardamine pratensis	331	4	7 ✶	6	8 ✗	•	5	•	4	0	0	Card prat
	Carduus crispus	335	7	7	6	4 ✗	7	8	9	7 ✗	0	0	Card cris
	Carduus nutans	337	8	7	4	4	8	8	6	5 +	0	0	Card nuta
	Carduus tenuiflorus	339	–	8	–	4	–	7	–	4	–	0	Card tenu
	Carex acuta	340	7	7	9	9	6	7	4	5 +	0	0	Care acta
	Carex acutiformis	341	7	7	9	8	7	7	5	6	0	0	Care acfm
	Carex appropinquata	342	8	7	9	10	9	8 +	4	4	0	0	Care appr
	Carex aquatilis	343	9	8	9	10	7	4 ✶	4	3 +	0	0	Care aqua
	Carex arenaria	344	7	8	3	3 +	2	5 ✶	2	2	1	1 +	Care aren
	Carex atrata	345	9	7 ✗	5	5	6	6	2	3	0	0	Care atra

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St	Species name	BRC	LO	L	FO	F	RO	R	NO	N	SO	S	Short name
	Carex atrofusca	346	–	8	–	9	–	7 +	–	3	–	0	Care atro
	Carex bigelowii	349	8	7	5	5	1	2	3	2	0	0	Care bige
	Carex binervis	350	7	7	7	6	1	3 ✗	1	2	0	0	Care bine
	Carex buxbaumii	352	8	8 ✓	8	8 ✓	7	7 ✓	2	2 ✓	0	0 ✓	Care buxb
	Carex capillaris	353	8	9	8	6 ✗	8	8	2	2	0	0	Care capi
	Carex caryophyllea	355	8	7	4	4	•	7	2	2	0	0	Care cary
	Carex chordorrhiza	356	9	9 ✓	9	9 ✓	4	4 ✓	3	3 ✓	0	0 ✓	Care chor
	Carex curta	359	7	8	9	9	4	3	2	2	0	0	Care curt
	Carex depauperata	362	4	5 +	4	4 ✓	7	7 ✓	4	4 ✓	0	0 ✓	Care depa
	Carex diandra	363	8	8	9	9	6	5	3	3	0	0	Care dian
	Carex digitata	364	3	5 +	5	5 ✓	•	8 +	4	4 ✓	0	0 ✓	Care digi
	Carex dioica	365	9	8	9	9	•	6	2	2	0	0	Care dioi
	Carex distans	366	9	8	6	6	8	7	•	5	5	3 +	Care dstn
	Carex disticha	367	8	7	9	8	8	6 ✗	5	4	0	0	Care dsti
	Carex divisa	368	8	8	9	7 +	8	7	5	6	0	3 +	Care divi
	Carex divulsa	4520	6	7	5	4	5	7 ✗	6	6	0	0	Care divu
	Carex echinata	370	8	8	8	8	3	3	2	2	0	0	Care echi
	Carex elata	371	8	7	10	10	•	7	5	5	0	0	Care elat
	Carex elongata	372	4	5	9	8	7	6	6	6	0	0	Care elon
	Carex ericetorum	373	5	8 ✶	4	4	•	7	2	1	0	0	Care eric
	Carex extensa	374	9	8	7	7	•	7	4	5	6	4 +	Care exte
	Carex filiformis	375	7	7 ✓	7	7 ✓	9	8 +	•	5 +	0	0 ✓	Care fili
	Carex flacca	376	7	7	6	5	8	6 ✗	4	2 ✗	1	0	Care flac
	Carex flava	378	8	7 +	9	9 ✓	8	8 ✓	2	2 ✓	0	0 ✓	Care flav
	Carex hirta	381	7	7	6	7	•	7	5	6	0	0	Care hirt
	Carex hostiana	382	8	8	9	9	6	6	2	2	0	0	Care host
	Carex humilis	383	7	8	2	3	8	8	3	2	0	0	Care humi
	Carex lachenalii	384	–	8 +	–	7 +	–	4 +	–	1 +	–	0	Care lach
	Carex laevigata	385	4	5	9	8	5	5	5	4	0	0	Care laev
	Carex lasiocarpa	386	9	8	9	10 +	4	6 ✗	3	3	0	0	Care lasi
	Carex limosa	388	9	8	9	10 +	2	4 ✗	2	1	0	0	Care limo
	Carex magellanica	403	8	9	9	9 +	3	2 +	2	1	0	0	Care mage
	Carex maritima	389	9	9 ✓	9	8 +	•	7 +	2	2 ✓	0	3 +	Care mari
	Carex microglochin	390	9	9 ✓	9	9 ✓	8	8 ✓	2	2 ✓	0	0 ✓	Care micr
	Carex montana	391	5	7 +	4	6 ✗	6	4 +	3	1 ✗	0	0	Care mont
	Carex muricata	398	–	7	–	4	–	6 +	–	4 +	–	0	Care muri
	Carex nigra	393	8	7	8	8	3	4	2	2	1	0	Care nigr
	Carex norvegica	394	8	8 ✓	9	7 +	4	7 +	2	2 ✓	0	0 ✓	Care norv
	Carex ornithopoda	395	6	8 +	3	3 ✓	9	9 ✓	3	3 ✓	0	0 ✓	Care orni
	Carex otrubae	396	6	6 +	8	8	7	7	6	7	1	2 +	Care otru
	Carex ovalis	397	7	7	7	7	3	5 ✗	3	4	0	0	Care oval
	Carex pallescens	399	7	6 +	6	6	4	5	3	4	0	0	Care pall
	Carex panicea	400	8	8	8	8	•	4	4	2 ✗	1	0	Care pcea
	Carex paniculata	401	7	6	9	9	6	6	4	6 ✗	0	0	Care pnic
	Carex pauciflora	402	9	8	9	9	1	1 +	1	1 +	0	0	Care pauc
	Carex pendula	404	5	5	8	8	6	7	6	6	0	0	Care pend
	Carex pilulifera	405	5	7 ✗	5	5	3	3	3	2	0	0	Care pilu
	Carex pseudocyperus	407	7	7	9	9	6	6	5	6	0	0	Care pseu
	Carex pulicaris	408	8	8	9	7 ✗	4	5	2	2	0	0	Care puli
	Carex punctata	409	9	9 ✓	7	7 ✓	7	7 ✓	3	3 ✓	1	3 +	Care punc
	Carex rariflora	410	–	8	–	9	–	3	–	2	–	0	Care rari
	Carex recta	411	–	8 +	–	9 +	–	7 +	–	5 +	–	3 +	Care rect
	Carex remota	412	3	4	8	8	•	6	•	6	0	0	Care remo
	Carex riparia	413	7	7	9	8	7	7	4	7 ✶	0	0	Care ripa
	Carex rostrata	414	9	8	10	10	3	4	3	2	0	0	Care rost
	Carex rupestris	415	9	8	4	4	6	7	2	2	0	0	Care rupe
	Carex saxatilis	417	–	8	–	9	–	7 +	–	3	–	0	Care saxa
	Carex spicata	357	7	7	4	6 ✗	6	6	4	4	0	0	Care spic
	Carex strigosa	420	3	3 +	7	8	7	7 +	6	6 +	0	0	Care stri

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St	Species name	BRC	LO	L	FO	F	RO	R	NO	N	SO	S	Short name
	Carex sylvatica	421	2	4 ✗	5	5	6	6	5	5	0	0	Care sylv
	Carex vaginata	423	8	7	9	6 +	•	6	2	3	0	0	Care vagi
	Carex vesicaria	424	7	8	9	10	6	5	5	4	0	0	Care vesi
	Carex viridula	7117	–	8 +	–	8 +	–	6 +	–	2 +	–	0	Care viri
⑦	*Carex viridula* subsp.*brachyrrhyncha*	387	9	8	9	9	9	8 +	2	2	0	1	Care vi-b
⑦	*Carex viridula* subsp.*oedocarpa*	361	8	8	9	8	4	4	2	2	0	0	Care vi-o
⑦	*Carex viridula subsp.viridula*	7118	8	8	9	7 ✗	•	7	2	3	2	1	Care vi-v
	Carex vulpina	425	–	7 +	–	9 +	–	8 +	–	6 +	–	0	Care vulp
	Carlina vulgaris	427	7	8	4	4	7	7	3	2	0	0	Carl vulg
	Carpinus betulus	428	4	4	•	5	•	5 +	•	6	0	0	Carp betu
①	*Carpobrotus edulis*	429	–	9 +	–	3 +	–	4 +	–	5 +	–	3 +	Carp edul
	Carum verticillatum	431	7	7	8	8	4	4	3	2	0	0	Caru vert
①	*Castanea sativa*	432	5	5	•	5	4	5	•	5	0	0	Cast sati
	Catabrosa aquatica	433	8	8	9	9	7	7	8	7	1	1	Cata aqua
	Catapodium marinum	434	–	9	–	5	–	7	–	3	–	3	Cata mari
	Catapodium rigidum	435	9	8	2	3	7	7	1	2	0	0	Cata rigi
①	*Centaurea calcitrapa*	439	8	7	5	4	•	7	6	3 ✶	0	0	Cent calc
①	*Centaurea cyanus*	440	7	7 ✓	•	5 +	•	6 +	•	5 +	0	0 ✓	Cent cyan
	Centaurea nigra	444	8	7	5	5	3	6 ✶	4	5	0	0	Cent nigr
	Centaurea scabiosa	446	7	8	3	3	8	8	4	3	0	0	Cent scab
	Centaurium erythraea	5486	8	8	5	5	6	6	6	3 ✶	0	0	Cent eryt
	Centaurium littorale	450	9	9 ✓	7	7 ✓	8	8 ✓	3	3 ✓	2	1 +	Cent litt
	Centaurium pulchellum	453	9	8	•	8	9	8	4	3	1	1	Cent pulc
	Centaurium scilloides	452	–	9 +	–	3 +	–	5 +	–	2 +	–	0	Cent scil
	Centaurium tenuiflorum	454	–	8 +	–	6 +	–	7 +	–	4 +	–	0	Cent tenu
①	*Centranthus ruber*	455	7	8 +	6	4 +	8	8 ✓	5	5 ✓	0	1 +	Cent rube
	Cephalanthera damasonium	457	3	4	4	4	7	7	4	5	0	0	Ceph dama
	Cephalanthera longifolia	458	5	5 ✓	4	4 ✓	6	7 +	4	4 ✓	0	0 ✓	Ceph long
	Cephalanthera rubra	459	4	4 ✓	3	3 ✓	8	8 ✓	4	4 ✓	0	0 ✓	Ceph rubr
	Cerastium alpinum	460	9	9 +	4	5	6	6 +	2	2	0	0	Cera alpi
	Cerastium arcticum	465	–	7 +	–	6	–	4 +	–	2	–	0	Cera arct
	Cerastium arvense	461	8	8	4	4	6	5	4	3	0	0	Cera arve
②	*Cerastium brachypetalum*	463	9	9 ✓	3	3 ✓	8	8 ✓	2	2 ✓	0	0 ✓	Cera brac
	Cerastium cerastoides	464	8	8	8	8	4	5	7	4 ✶	0	0	Cera cera
	Cerastium diffusum	462	8	9	4	4	4	6 ✗	2	3	0	1 +	Cera diff
	Cerastium fontanum	467	6	7	5	5	•	5	5	4	1	0	Cera font
	Cerastium glomeratum	466	7	7	5	5	5	6	5	5	0	0	Cera glom
③	*Cerastium nigrescens*	465.1	–	9 +	–	3 +	–	5 +	–	1 +	–	0	Cera nigr
	Cerastium pumilum	468	8	8	2	2	8	8	2	1	0	0	Cera pumi
	Cerastium semidecandrum	469	8	8	3	3	6	6	•	3	0	0	Cera semi
①	*Cerastium tomentosum*	470	–	8 +	–	3 +	–	7 +	–	5 +	–	1 +	Cera tome
	Ceratocapnos claviculata	555	5	5	5	5	3	4	6	5	0	0	Cera clav
	Ceratophyllum demersum	471	6	7	12	12 +	8	7	8	7	0	1	Cera deme
	Ceratophyllum submersum	472	5	7 ✗	12	12 +	8	8	7	8	0	2 +	Cera subm
	Ceterach officinarum	473	8	7	3	3 +	8	8	2	1	0	0	Cete offi
	Chaenorhinum minus	474	8	8 +	4	4	8	7	5	4	0	0	Chae minu
	Chaerophyllum temulum	476	5	6	5	5	•	7	8	7	0	0	Chae temu
①	*Chamaecyparis lawsoniana*	2398	–	5 +	–	5	–	6	–	4	–	0	Cham laws
	Chamaemelum nobile	119	–	8 +	–	7 +	–	5	–	5 +	–	0	Cham nobi
	Chamerion angustifolium	477	8	6 ✗	5	5	5	6	8	5 ✶	0	0	Cham angu
	Chelidonium majus	480	6	6	5	5	•	8	8	7	0	0	Chel maju
	Chenopodium album	482	•	7	4	5	•	7	7	7	0	1 +	Chen albu
①	*Chenopodium bonus-henricus*	484	8	8	5	5	•	7	9	8	0	0 +	Chen bonu
	Chenopodium chenopodioides	485	8	8 ✓	7	7 ✓	7	7 ✓	9	8 +	1	4 +	Chen chen
	Chenopodium ficifolium	487	7	7	6	6 +	•	6	7	7 +	0	0	Chen fici
②	*Chenopodium glaucum*	488	8	8 ✓	6	6 ✓	•	7 +	9	9 ✓	3	3 ✓	Chen glau
②	*Chenopodium hybridum*	490	7	7	5	4	8	7	8	7	0	0	Chen hybr
	Chenopodium murale	491	8	8	4	6 +	8	6 ✗	9	7 ✗	0	0	Chen mura
	Chenopodium polyspermum	493	6	7	6	6	•	7	8	8	0	0	Chen poly

continued...

St	Species name	BRC	LO	L	FO	F	RO	R	NO	N	SO	S	Short name
	Chenopodium rubrum	496	8	7	6	7	•	7	9	8	1	1	Chen rubr
②	*Chenopodium urbicum*	498	7	7	4	5	7	7	7	7	0	0	Chen urbi
	Chenopodium vulvaria	500	7	7 ✓	4	4 ✓	7	7 ✓	9	9 ✓	0	0 ✓	Chen vulv
	Chrysanthemum segetum	504	7	7	5	5	5	6	5	5	0	0	Chry sege
	Chrysosplenium alternifolium	505	4	5 +	8	8 +	7	6	5	6	0	0	Chry alte
	Chrysosplenium oppositifolium	506	6	5	9	9 +	5	5	5	5	0	0	Chry oppo
	Cicendia filiformis	507	9	9 ✓	8	8 ✓	3	3 ✓	2	2 ✓	1	0 +	Cice fili
	Cicerbita alpina	508	6	7 +	6	6 ✓	6	6 ✓	8	6 +	0	0 ✓	Cice alpi
①	*Cicerbita macrophylla*	2381	–	7 +	–	5 +	–	6 +	–	6 +	–	0	Cice macr
	Cichorium intybus	509	9	8	4	4	8	7	5	5	0	0	Cich inty
	Cicuta virosa	510	7	7	9	9	5	7 ✗	5	5	0	0	Cicu viro
	Circaea alpina	511	4	4 ✓	7	7 ✓	5	5 ✓	5	5 ✓	0	0 ✓	Circ alpi
	Circaea lutetiana	513	4	4	6	6	7	7	7	6	0	0	Circ lute
⑥	*Circaea x intermedia*	512	–	4	–	6	–	6	–	6	–	0	Circ inte
	Cirsium acaule	514	9	9 +	3	4	8	8	2	3	0	0	Cirs acau
	Cirsium arvense	515	8	8	•	6	•	7	7	6	1	0	Cirs arve
	Cirsium dissectum	516	7	8	8	8	4	4	2	2	0	0	Cirs diss
	Cirsium eriophorum	517	8	8	4	4	9	8 +	5	5 +	0	0	Cirs erio
	Cirsium heterophyllum	518	7	7 +	8	6 ✗	5	6	6	5	0	0	Cirs hete
	Cirsium palustre	520	7	7	8	8	4	5	3	4	0	0	Cirs palu
	Cirsium tuberosum	521	7	8 +	6	6 ✓	8	8 ✓	3	3 ✓	0	0 ✓	Cirs tube
	Cirsium vulgare	522	8	7	5	5	7	6	8	6 ✗	0	0	Cirs vulg
	Cladium mariscus	523	9	8	10	9	9	8 +	3	4	0	0	Clad mari
①	*Claytonia perfoliata*	525	6	6 +	5	6	7	5 ✗	7	5 ✗	0	0	Clay perf
①	*Claytonia sibirica*	524	–	5	–	7	–	6	–	6	–	0	Mont sibi
	Clematis vitalba	528	7	6	5	4	7	8	7	5 ✗	0	0	Clem vita
	Clinopodium acinos	12	9	8	2	2	5	8 ✶	1	1	0	0	Clin acin
	Clinopodium ascendens	296	–	7	–	5 +	–	7	–	6 +	–	0	Cala asce
	Clinopodium calamintha	298	8	8 ✓	3	3 ✓	9	9 ✓	3	3 ✓	0	0 ✓	Clin cala
	Clinopodium menthifolium	297	–	5 +	–	5 +	–	8 +	–	5 +	–	0	Clin ment
	Clinopodium vulgare	530	7	7	4	4	7	7	3	4	0	0	Clin vulg
	Cochlearia anglica	532	8	8	8	8	7	7	7	6	8	6 +	Coch angl
③	*Cochlearia atlantica*	3902	–	8	–	6	–	7	–	5	–	4	Coch atla
	Cochlearia danica	533	9	9	8	6 ✗	8	7	5	5	4	4 +	Coch dani
③	*Cochlearia micacea*	534	–	8 +	–	8 +	–	7 +	–	2 +	–	0	Coch mica
	Cochlearia officinalis	535	8	8	7	6	7	7	6	5	2	3 +	Coch offi
	Cochlearia pyrenaica	5422	8	8 ✓	9	7 +	8	8 ✓	3	3 ✓	0	0 ✓	Coch pyre
	Coeloglossum viride	537	8	7	4	4	4	6 +	2	2	0	0	Coel viri
	Coincya monensis	5396	9	9 ✓	4	4 ✓	6	6 ✓	3	3 ✓	0	0 ✓	Coin mone
③	*Coincya wrightii*	1690	–	9 +	–	4 +	–	4 +	–	3 +	–	0	Coin wrig
	Colchicum autumnale	538	6	6 +	6	6 +	7	6	•	4	0	0	Colc autu
①	*Colutea arborescens*	539	5	7 +	3	4 +	8	8 ✓	2	3 +	0	0 ✓	Colu arbo
	Conium maculatum	540	8	8	6	5	•	7	8	8	0	0	Coni macu
	Conopodium majus	541	8	6 ✗	5	5	4	5	4	5	0	0	Cono maju
①	*Consolida ajacis*	622	6	8 +	4	4 ✓	8	8 ✓	5	4 +	0	0 ✓	Cons ajac
	Convallaria majalis	543	5	5	4	5	•	6	4	5	0	0	Conv maja
	Convolvulus arvensis	544	7	7	4	4	7	8	•	6	0	0	Conv arve
①	*Conyza canadensis*	735	8	7	4	4	•	7	5	6	0	0	Cony cana
	Corallorhiza trifida	545	•	5 +	5	5 ✓	3	5 +	•	4 +	0	0 ✓	Cora trif
①	*Coriandrum sativum*	546	–	8	–	4	–	6	–	5	–	0	Cori sati
	Cornus sanguinea	548	7	7 +	5	5	7	7	•	6	0	0	Corn sang
①	*Cornus sericea*	549	–	6 +	–	7 +	–	5 +	–	6 +	–	0	Corn seri
	Cornus suecica	478	5	6	7	6	2	1	2	2	0	0	Corn suec
①	*Coronopus didymus*	551	9	9 +	5	5	6	6	6	7 +	0	0	Coro didy
	Coronopus squamatus	552	8	7	6	5	7	7	6	7	1	0	Coro squa
	Corrigiola litoralis	553	8	8 ✓	7	7 ✓	5	5 ✓	5	5 ✓	0	0 ✓	Corr lito
	Corylus avellana	557	6	4 ✗	•	5	•	6	5	6	0	0	Cory avel
	Corynephorus canescens	558	8	9	2	1	3	3	2	1 +	0	0	Cory cane
①	*Cotoneaster bullatus*	2928	–	7	–	4	–	7	–	4	–	0	Coto bull

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St	Species name	BRC	LO	L	FO	F	RO	R	NO	N	SO	S	Short name
③	*Cotoneaster cambricus*	561	8	8 ✓	3	3 ✓	7	7 ✓	2	2 ✓	0	0 ✓	Coto camb
①	*Cotoneaster horizontalis*	560	–	8	–	3	–	8	–	4	–	0	Coto hori
①	*Cotoneaster integrifolius*	562	–	7	–	3	–	7	–	4	–	0	Coto intf
①	*Cotoneaster simonsii*	563	–	6	–	5	–	6	–	4	–	0	Coto simo
	Crambe maritima	565	9	9	6	5	7	8	8	7 +	3	3 +	Cram mari
	Crassula aquatica	566	8	8 ✓	7	9 +	•	5 +	2	5 +	0	0 ✓	Cras aqua
①	*Crassula helmsii*	2423	–	7	–	10	–	6	–	7	–	0	Cras helm
	Crassula tillaea	567	8	8	7	7 +	•	4	3	2	0	0	Cras till
	Crataegus laevigata	570	6	5	5	5	7	7	5	5	0	0	Crat laev
	Crataegus monogyna	569	7	6	4	5	8	7	4	6 ✗	0	0	Crat mono
	Crepis biennis	571	7	8	6	5	6	7	5	6	0	0 +	Crep bien
	Crepis capillaris	572	7	7	5	4	6	7	4	4	0	0	Crep capi
	Crepis foetida	573	9	9 ✓	4	4 ✓	7	6 +	3	3 ✓	0	0 ✓	Crep foet
	Crepis mollis	574	8	8 ✓	5	5 ✓	5	7 +	5	5 ✓	0	0 ✓	Crep moll
	Crepis paludosa	576	7	6	8	7	8	6 ✗	6	4 ✗	0	0	Crep palu
	Crepis praemorsa	4518	6	8 +	3	3 ✓	9	9 ✓	3	3 ✓	0	0 ✓	Crep prae
①	*Crepis vesicaria*	578	9	8	4	5	8	7	5	7 ✗	0	0	Crep vesi
	Crithmum maritimum	579	–	9	–	6 +	–	7	–	5	–	5	Crit mari
①	*Crocosmia / crocosmiiflora*	580	–	7 +	–	6 +	–	4 +	–	4 +	–	0	Croc croc
	Cruciata laevipes	875	7	6	6	5	6	7	7	5 ✗	0	0	Cruc laev
	Cryptogramma crispa	586	8	7 +	5	5	3	2	2	3	0	0	Cryp cris
	Cuscuta epithymum	589	•	7	•	6	•	2 +	2	2 +	0	0	Cusc epit
	Cuscuta europaea	590	•	6 +	7	7 ✓	•	6 +	7	7 ✓	0	0 ✓	Cusc euro
①	*Cymbalaria muralis*	592	7	7	6	5 +	8	7	5	6	0	0	Cymb mura
	Cynoglossum germanicum	595	6	6 ✓	5	5 ✓	8	8 ✓	8	7 +	0	0 ✓	Cyno germ
	Cynoglossum officinale	596	8	8	4	4	7	8	7	6 +	0	1	Cyno offi
	Cynosurus cristatus	597	8	7	5	5	•	6	4	4	0	0	Cyno cris
	Cyperus fuscus	599	9	9 ✓	7	8 +	•	5 +	4	4 ✓	0	0 ✓	Cype fusc
	Cyperus longus	600	8	8 ✓	9	9 ✓	•	7 +	5	5 ✓	0	0 ✓	Cype long
	Cypripedium calceolus	601	5	5 ✓	4	4 ✓	8	8 ✓	4	4 ✓	0	0 ✓	Cypr calc
	Cystopteris dickieana	602	5	5 ✓	7	7 ✓	9	8 +	2	2 ✓	0	0 ✓	Cyst dick
	Cystopteris fragilis	603	5	6	7	7 +	8	8 +	4	4	0	0	Cyst frag
	Cystopteris montana	604	4	5 +	7	7 ✓	9	9 ✓	2	2 ✓	0	0 ✓	Cyst mont
	Cytisus scoparius	1822	8	8 +	4	5	3	4	4	4	0	0	Cyti scop
④	*Daboecia cantabrica*	605	–	8 +	–	5 +	–	3 +	–	2 +	–	0	Dabo cant
	Dactylis glomerata	607	7	7	5	5	•	7	6	6	0	0	Dact glom
	Dactylorhiza fuchsii	608	–	7 +	–	8	–	7	–	3	–	0	Dact fuch
	Dactylorhiza incarnata	609	8	8	8	9	7	6	2	2	0	0	Dact inca
	Dactylorhiza lapponica	2964	–	8 +	–	8 +	–	6 +	–	2 +	–	0	Dact lapp
	Dactylorhiza maculata	610	7	7	8	7	•	3	2	2	0	0	Dact macu
	Dactylorhiza majalis	611	8	7	8	7	7	5 ✗	3	3	0	0	Dact maja
	Dactylorhiza praetermissa	612	9	8	9	8	8	7 +	2	3	0	0	Dact prae
	Dactylorhiza purpurella	613	–	8	–	8	–	7	–	2	–	1	Dact purp
	Dactylorhiza traunsteineri	614	8	8	9	8	4	7 ✶	2	2	0	0	Dact trau
	Damasonium alisma	615	–	8 +	–	10 +	–	5 +	–	3 +	–	0	Dama alis
	Danthonia decumbens	1915	8	7	•	6	3	4	2	2	0	0	Dant decu
	Daphne laureola	617	4	4	4	5	8	7	4	5	0	0	Daph laur
	Daphne mezereum	618	4	4	5	5	7	7	5	6	0	0	Daph meze
	Daucus carota	620	8	8	4	4	•	7	4	3	0	2 +	Dauc caro
①	*Daucus carota* (crop)	5475	–	7	–	5	–	7	–	8	–	0	Dauc crop
	Deschampsia cespitosa	627	6	6 +	7	6	•	5	3	4	0	0	Desc cesp
	Deschampsia flexuosa	628	6	6	•	5	2	2	3	3	0	0	Desc flex
	Deschampsia setacea	629	8	8 ✓	9	9 ✓	2	2 ✓	1	1 ✓	0	0 ✓	Desc seta
①	*Descurainia sophia*	630	8	8 +	4	4	•	7	6	6	0	0	Desc soph
	Dianthus armeria	631	6	8 +	5	5 ✓	•	5 +	3	3 ✓	0	0 ✓	Dian arme
	Dianthus deltoides	635	8	8 ✓	3	3 ✓	3	5 +	2	2 ✓	0	0 ✓	Dian delt
	Dianthus gratianopolitanus	637	9	9 ✓	2	2 ✓	7	7 ✓	1	1 ✓	0	0 ✓	Dian grat
	Diapensia lapponica	639	–	9 +	–	3 +	–	4 +	–	1 +	–	0	Diap lapp
	Digitalis purpurea	640	7	6	5	6	3	4	6	5	0	0	Digi purp

continued...

St	Species name	BRC	LO	L	FO	F	RO	R	NO	N	SO	S	Short name
①	*Digitaria ischaemum*	641	7	7	5	4	2	5 ✶	3	5 ✗	0	0	Digi isch
①	*Digitaria sanguinalis*	642	7	7	4	4	5	5	5	5	0	0	Digi sang
	Diphasiastrum alpinum	1213	8	7	5	5	2	2	2	2	0	0	Diph alpi
	Diphasiastrum complanatum	2277	6	6 ✓	4	4 ✓	1	1 ✓	2	2 ✓	0	0 ✓	Diph comp
①	*Diplotaxis muralis*	644	8	8	4	4	8	7	5	6	0	1	Dipl mura
	Diplotaxis tenuifolia	645	8	8	3	5 ✗	•	7	6	6	0	1	Dipl tenu
	Dipsacus fullonum	646.1	9	8	6	7	8	7	7	7	0	0	Dips full
	Dipsacus pilosus	647	7	7 ✓	6	6 ✓	8	8 ✓	7	7 ✓	0	0 ✓	Dips pilo
①	*Disphyma crassifolium*	2387	–	9 +	–	3 +	–	4 +	–	5 +	–	3 +	Disp cras
①	*Doronicum pardalianches*	648	4	4 ✓	5	5 ✓	7	6 +	6	5 +	0	0 ✓	Doro pard
	Draba aizoides	650	8	8	3	4	9	9 +	1	3 ✗	0	0	Drab aizo
	Draba incana	651	–	8 +	–	5	–	7	–	2	–	0	Drab inca
	Draba muralis	652	7	7 +	5	6	8	7	6	6	0	0	Drab mura
	Draba norvegica	653	–	8	–	5	–	7 +	–	3	–	0	Drab norv
	Drosera intermedia	655	9	8	9	9	2	2	2	1	0	0	Dros inte
	Drosera longifolia	654	8	8	9	9	3	2	2	1	0	0	Dros long
	Drosera rotundifolia	657	8	8	9	9	1	2	1	1	0	0	Dros rotu
	Dryas octopetala	658	9	8	4	4	8	7	4	2 +	0	0	Drya octo
	Dryopteris aemula	660	–	5	–	6	–	2	–	3	–	0	Dryo aemu
	Dryopteris affinis	662	3	5 ✗	6	6	5	5	6	5	0	0	Dryo affi
	Dryopteris carthusiana	666	5	6	•	8	4	5	3	4	0	0	Dryo cart
	Dryopteris cristata	663	4	6 ✗	9	9 +	5	4	6	4 ✗	0	0	Dryo cris
	Dryopteris dilatata	661	4	5	6	6	•	4	7	5 ✗	0	0	Dryo dila
	Dryopteris expansa	2274	4	7 ✶	6	6	2	3	2	2	0	0	Dryo expa
	Dryopteris filix-mas	665	3	5 +	5	6	5	5	6	5	0	0	Dryo fili
	Dryopteris oreades	659	–	7	–	5	–	2 +	–	2 +	–	0	Dryo orea
	Dryopteris submontana	667	9	8 +	5	5 ✓	9	9 ✓	3	3 ✓	0	0 ✓	Dryo subm
	Echium plantagineum	669	–	9 +	–	3 +	–	5 +	–	5 +	–	0	Echi plan
	Echium vulgare	670	9	8	4	4	8	7	4	4	0	1	Echi vulg
	Elatine hexandra	671	8	7	9	10 +	3	5 ✗	2	4 +	0	0	Elat hexa
	Elatine hydropiper	672	8	7	8	10 +	2	5 +	3	5 ✗	•	0 +	Elat hydr
	Eleocharis acicularis	673	7	7	10	10 +	•	7	2	5 ✶	0	1	Eleo acic
	Eleocharis austriaca	2267	–	8 +	–	10 +	–	5 +	–	5 +	–	0	Eleo aust
	Eleocharis multicaulis	674	8	8	10	10	•	4	2	1	1	0	Eleo mult
	Eleocharis palustris	675	8	8	10	10	•	6	•	4	0	1	Eleo palu
	Eleocharis parvula	676	7	6	10	10 +	7	7 +	5	5	1	3 +	Eleo parv
	Eleocharis quinqueflora	677	8	9	9	9	7	7	2	2	1	0 +	Eleo quin
	Eleocharis uniglumis	678	7	8	10	9	7	7	5	4	5	3 +	Eleo unig
	Eleogiton fluitans	679	8	8 +	10	11	3	4	2	2	0	0	Eleo flui
①	*Elodea canadensis*	681	7	7	12	12 +	7	7	7	6	0	0 +	Elod cana
①	*Elodea nuttallii*	997	7	6	12	12	•	7	7	7	0	1	Elod nutt
	Elymus caninus	7006	6	7	6	6	7	7	8	8	0	0	Elym cani
	Elytrigia atherica	32	9	9	5	6	7	7	5	6	6	4 +	Elyt athe
	Elytrigia juncea	28	9	9	6	5	7	7	7	6	7	3 ✶	Elyt junc
	Elytrigia repens	33	7	7	•	5	•	7	7	7	0	2 +	Elyt repe
	Empetrum nigrum	684	7	7	6	6	•	2	2	1	0	0	Empe nigr
	Epilobium alsinifolium	690	8	8	9	9	6	6	5	4	0	0	Epil alsi
	Epilobium anagallidifolium	691	8	8	7	8	5	6	4	3	0	0	Epil anag
①	*Epilobium brunnescens*	699	–	7	–	8 +	–	4	–	3	–	0	Epil brun
①	*Epilobium ciliatum*	688	7	7	5	6	7	6	8	6 ✗	0	0	Epil cili
	Epilobium hirsutum	692	7	7	8	8	8	7	8	7	1	0	Epil hirs
	Epilobium lanceolatum	694	8	7 +	4	5	3	6 ✶	3	5 +	0	0	Epil lanc
	Epilobium montanum	695	4	6 ✗	5	6	6	6	6	6	0	0	Epil mont
	Epilobium obscurum	696	7	6	8	8	4	5	4	5	0	0	Epil obsc
	Epilobium palustre	697	7	7	9	8	3	5 ✗	2	3 +	0	0	Epil palu
	Epilobium parviflorum	698	7	7	9	9	8	7	6	5	0	0	Epil parv
	Epilobium roseum	700	7	6	9	8	8	7	8	7	0	0	Epil rose
	Epilobium tetragonum	7292	7	6	8	7	6	5	5	5	0	0	Epil tetr
	Epipactis atrorubens	702	6	7	3	4	8	8 +	2	1	0	0	Epip atro

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St	Species name	BRC	LO	L	FO	F	RO	R	NO	N	SO	S	Short name
	Epipactis helleborine	705	3	4 +	5	5	7	7	5	4	0	0	Epip hell
	Epipactis leptochila	5476	3	3 ✓	4	4 ✓	9	9 ✓	4	4 ✓	0	0 ✓	Epip lept
	Epipactis palustris	708	8	8	9	8	8	7	2	3	0	0	Epip palu
	Epipactis phyllanthes	709	–	3 +	–	5 +	–	7 +	–	4 +	–	0	Epip phyl
	Epipactis purpurata	710	2	2 ✓	6	5 +	8	8 ✓	6	4 +	0	0 ✓	Epip purp
③	*Epipactis youngiana*	2549	–	3 +	–	4 +	–	5 +	–	3 +	–	0	Epip youn
	Epipogium aphyllum	711	2	2 ✓	5	5 ✓	7	7 ✓	4	4 ✓	0	0 ✓	Epip aphy
	Equisetum arvense	712	6	7	•	6	•	6	3	6 ✶	0	0	Equi arve
	Equisetum fluviatile	713	8	8	10	10	•	6	5	4	0	0	Equi fluv
	Equisetum hyemale	714	5	5 ✓	7	7 ✓	7	7 ✓	6	6 ✓	0	0 ✓	Equi hyem
	Equisetum palustre	717	7	7	8	8	•	6	3	3	0	0	Equi palu
	Equisetum pratense	718	5	7 ✗	6	7	7	5 ✗	2	4 ✗	0	0	Equi prat
②	*Equisetum ramosissimum*	719	8	8 ✓	4	4 ✓	8	8 ✓	1	5 +	0	0 ✓	Equi ramo
	Equisetum sylvaticum	720	3	5 ✗	7	8	5	5	4	5	0	0	Equi sylv
	Equisetum telmateia	721	5	6	8	8	8	7	5	6	0	0	Equi telm
	Equisetum variegatum	723	8	8	9	8	8	8	2	3	0	0 +	Equi vari
①	*Eranthis hyemalis*	724	–	3 +	–	5 +	–	7 +	–	6 +	–	0	Eran hyem
	Erica ciliaris	725	–	8	–	7	–	1	–	1	–	0	Eric cili
	Erica cinerea	726	7	7	5	5	2	2	1	2	0	0	Eric cine
④	*Erica erigena*	729	–	8 +	–	8 +	–	2 +	–	2 +	–	0 +	Eric erig
④	*Erica mackaiana*	728	–	8 +	–	8 +	–	2 +	–	1 +	–	0	Eric mack
	Erica tetralix	731	8	8	8	8	1	2	2	1	0	0	Eric tetr
	Erica vagans	732	–	8 +	–	6	–	4	–	1	–	0	Eric vaga
	Erigeron acer	733	9	8	4	5	8	7	2	3	0	0	Erig acer
	Erigeron borealis	734	–	9 +	–	5 +	–	7 +	–	2 +	–	0	Erig bore
①	*Erigeron karvinskianus*	736	–	8 +	–	3 +	–	7 +	–	2 +	–	0	Erig karv
①	*Erinus alpinus*	738	–	8 +	–	3 +	–	8 +	–	2 +	–	0	Erin alpi
	Eriocaulon aquaticum	739	–	8	–	11 +	–	4	–	1	–	0	Erio aqua
	Eriophorum angustifolium	740	8	8	9	9	4	4 +	2	1	0	0	Erio angu
	Eriophorum gracile	742	8	8 ✓	9	9 ✓	4	4 ✓	2	2 ✓	0	0 ✓	Erio grac
	Eriophorum latifolium	743	8	9	9	9	8	7	2	2	0	0	Erio lati
	Eriophorum vaginatum	744	7	8	9	8	2	2	1	1	0	0	Erio vagi
	Erodium cicutarium	746	8	8	4	4	•	6	•	4	0	0	Erod cicu
	Erodium lebelii	747	8	8 ✓	4	4 ✓	7	7 ✓	2	2 ✓	0	0 ✓	Erod lebe
	Erodium maritimum	748	–	9 +	–	4 +	–	6 +	–	6 +	–	3 +	Erod mari
②	*Erodium moschatum*	749	8	7	4	4	7	6	4	5	0	0	Erod mosc
	Erophila glabrescens	4343	–	8 +	–	3 +	–	7 +	–	3 +	–	0	Erop glab
	Erophila majuscula	4344	–	8 +	–	3 +	–	7 +	–	3 +	–	0	Erop maju
	Erophila verna	4342	8	8	•	3	•	6	2	3	0	0	Erop vern
①	*Erucastrum gallicum*	756	8	8 +	4	4	8	7	4	7 ✶	0	0	Eruc gall
	Eryngium campestre	757	9	9 ✓	3	3 ✓	8	8 ✓	3	3 ✓	0	0 ✓	Eryn camp
	Eryngium maritimum	758	9	9	4	4	7	6	4	5	•	3 +	Eryn mari
①	*Erysimum cheiranthoides*	759	7	7	5	5	7	7	7	7	0	0	Erys ches
①	*Erysimum cheiri*	479	8	8	5	4	9	8 +	6	5	0	1	Erys chii
	Euonymus europaeus	762	6	5	5	5	8	8	5	5	0	0	Euon euro
	Eupatorium cannabinum	763	7	7	7	8	7	6	8	7 +	0	0	Eupa cann
	Euphorbia amygdaloides	764	4	4	5	5	8	6 ✗	5	6	0	0	Euph amyg
	Euphorbia cyparissias	767	8	8 ✓	3	3 ✓	•	7 +	3	3 ✓	0	0 ✓	Euph cypa
	Euphorbia exigua	771	6	6	4	4	8	7	4	5	0	0	Euph exig
	Euphorbia helioscopia	772	6	7	5	5	7	6	7	6	0	0	Euph heli
	Euphorbia hyberna	773	–	5 +	–	5 +	–	5 +	–	4 +	–	0	Euph hybe
②	*Euphorbia lathyris*	774	–	6 +	–	5 +	–	7 +	–	5 +	–	0	Euph lath
	Euphorbia paralias	775	–	9	–	4	–	7	–	5	–	3 +	Euph para
	Euphorbia peplis	776	–	9 +	–	4 +	–	7 +	–	5 +	–	3 +	Euph plis
	Euphorbia peplus	777	6	7	4	4	•	7	7	6	0	0	Euph pepl
	Euphorbia platyphyllos	779	6	7 +	5	5 ✓	7	7 ✓	5	5 ✓	0	0 ✓	Euph plat
	Euphorbia portlandica	780	–	8	–	3	–	7	–	3	–	3 +	Euph port
	Euphorbia serrulata	781	5	5 ✓	6	6 ✓	8	8 ✓	7	5 +	0	0 ✓	Euph serr
①	*Euphorbia x pseudovirgata*	2998	8	8 ✓	4	4 ✓	8	8 ✓	•	5 +	•	0	Euph psev

continued...

St	Species name	BRC	LO	L	FO	F	RO	R	NO	N	SO	S	Short name
③	*Euphrasia anglica*	783	–	7 +	–	5 +	–	5 +	–	3 +	–	0	Euph angl
	Euphrasia arctica	7310	–	7 +	–	5 +	–	6 +	–	4 +	–	0	Euph arct
③	*Euphrasia cambrica*	786	–	8 +	–	5 +	–	5 +	–	2 +	–	0	Euph camb
③	*Euphrasia campbelliae*	787	–	8 +	–	6 +	–	4 +	–	2 +	–	0	Euph camp
	Euphrasia confusa	788	–	8	–	5	–	6	–	2	–	0	Euph conf
	Euphrasia foulaensis	791	–	8 +	–	6 +	–	6 +	–	4 +	–	1 +	Euph foul
	Euphrasia frigida	792	7	8	5	6	3	4	2	2	0	0	Euph frig
③	*Euphrasia heslop-harrisonii*	793	–	8 +	–	7 +	–	6 +	–	4 +	–	3 +	Euph hesl
③	*Euphrasia marshallii*	795	–	8 +	–	5 +	–	6 +	–	3 +	–	1 +	Euph mars
	Euphrasia micrantha	796	7	7	5	5	2	2	1	2	0	0	Euph micr
	Euphrasia nemorosa	798	8	7	5	5	4	6 ✗	1	4 +	0	0	Euph nemo
	Euphrasia officinalis agg.	2243	–	8	–	5	–	5	–	3	–	0	Euph offi
	Euphrasia ostenfeldii	789	–	9 +	–	4 +	–	5 +	–	2 +	–	0	Euph oste
③	*Euphrasia pseudokerneri*	801	–	7 +	–	4 +	–	8 +	–	3 +	–	0	Euph psek
③	*Euphrasia rivularis*	803	–	7 +	–	7 +	–	7 +	–	3 +	–	0	Euph rivu
	Euphrasia rostkoviana	7351	6	7 +	•	5 +	•	5 +	4	3 +	0	0 ✓	Euph rost
③	*Euphrasia rotundifolia*	805	–	8 +	–	4 +	–	7 +	–	2 +	–	1 +	Euph rotu
④	*Euphrasia salisburgensis*	806	7	7 ✓	5	5 ✓	8	8 ✓	4	4 ✓	0	0 ✓	Euph sali
	Euphrasia scottica	807	–	8	–	5	–	5	–	2	–	0	Euph scot
	Euphrasia tetraquetra	799	–	8 +	–	6 +	–	6 +	–	3 +	–	3 +	Euph tetr
③	*Euphrasia vigursii*	800	–	7 +	–	5 +	–	4 +	–	3 +	–	0	Euph vigu
⑤	*Exaculum pusillum*	808	–	9 +	–	8 +	–	3 +	–	2 +	–	1 +	Exac pusi
①	*Fagopyrum esculentum*	809	–	8	–	6	–	7	–	7	–	0 +	Fago escu
	Fagus sylvatica	810	3	3 +	5	5	•	5	•	5	0	0	Fagu sylv
	Fallopia convolvulus	1527	7	7	5	4	•	7	6	5	0	0	Fall conv
	Fallopia dumetorum	1529	6	6 ✓	5	5 ✓	•	6 +	7	7 ✓	0	0 ✓	Fall dume
①	*Fallopia japonica*	1528	8	6 +	8	7 +	5	6	7	6	0	0	Reyn japo
①	*Fallopia sachalinensis*	1541	–	6 +	–	5 +	–	6 +	–	7 +	–	0	Fall sach
	Festuca altissima	812	3	3	5	5	4	4	6	5	0	0	Fest alti
	Festuca arenaria	819	8	8 ✓	4	4 ✓	5	5 ✓	3	3 ✓	1	3 +	Fest aren
⑤	*Festuca armoricana*	7359	–	8 +	–	3 +	–	6 +	–	3 +	–	1 +	Fest armo
	Festuca arundinacea	813	8	8	7	6	7	7	5	6	2	1	Fest arun
	Festuca filiformis	822.2	7	8 +	4	4 ✓	3	3 ✓	2	2 ✓	0	0 ✓	Fest fili
	Festuca gigantea	816	4	5	7	6	6	7	6	7	0	0	Fest gig
	Festuca huonii	7361	–	8 +	–	5 +	–	4 +	–	3 +	–	1 +	Fest huon
	Festuca lemanii	5430	8	8 ✓	4	4 ✓	7	7 ✓	•	2 +	0	0 ✓	Fest lema
	Festuca longifolia	817	–	8 +	–	3 +	–	5 +	–	2 +	–	0	Fest long
	Festuca ovina	821	7	7	•	5	3	4	1	2	0	0	Fest ovin
	Festuca pratensis	823	8	7	6	6	•	6	6	6	0	0	Fest prat
	Festuca rubra	824	•	8	6	5	6	6	•	5	0	2 +	Fest rubr
	Festuca vivipara	826	–	8	–	6 +	–	3	–	2	–	0	Fest vivi
①	*Festulolium loliaceum*	815	–	8	–	6	–	7	–	6	–	1	Fest loli
②	Filago gallica	829	9	9 ✓	2	2 ✓	6	5 +	1	2 +	0	0 ✓	Fila gall
	Filago lutescens	827	9	9 +	3	3 +	4	4 +	2	2 +	0	0	Fila lute
	Filago minima	831	9	8	2	3	4	4	1	2	0	0	Fila mini
	Filago pyramidata	832	9	9 +	2	4 ✗	4	7 ✶	1	3 +	0	0	Fila pyra
	Filago vulgaris	830	8	7	3	4 +	•	6	2	4 +	0	0	Fila vulg
	Filipendula ulmaria	833	7	7	8	8	•	6	5	5	0	0	Fili ulma
	Filipendula vulgaris	834	7	7	3	4	8	8 +	2	2	0	0	Fili vulg
①	*Foeniculum vulgare*	835	–	9 +	–	5 +	–	8 +	–	5 +	–	3 +	Foen vulg
①	*Fragaria ananassa*	836	–	6	–	5	–	8	–	7	–	0	Frag anan
	Fragaria vesca	838	7	6	5	5	•	6	6	4 ✗	0	0	Frag vesc
	Frangula alnus	839	6	6	8	8	4	5	•	5	0	0	Fran alnu
	Frankenia laevis	840	–	9	–	8	–	8	–	5	–	5 +	Fran laev
	Fraxinus excelsior	841	4	5	•	6	7	7	7	6	0	0	Frax exce
	Fritillaria meleagris	842	8	8	8	8 +	7	7	5	4	0	0	Frit mele
①	*Fuchsia magellanica*	844	–	6	–	6	–	5	–	5	–	0	Fuch mage
	Fumaria bastardii	845	–	8 +	–	4	–	6	–	6	–	0	Fuma bast
	Fumaria capreolata	847	6	7	5	4	4	6 ✗	7	7	0	0	Fuma capr

continued...

St	Species name	BRC	LO	L	FO	F	RO	R	NO	N	SO	S	Short name
	Fumaria densiflora	849	–	8 +	–	3 +	–	8 +	–	5 +	–	0	Fuma dens
	Fumaria muralis	850	7	7	5	5	4	6 ✗	6	6	0	0	Fuma mura
③	*Fumaria occidentalis*	853	–	7	–	4	–	6	–	5	–	0	Fuma occi
	Fumaria officinalis	854	6	6	5	5	6	7	7	6	0	0	Fuma offi
	Fumaria parviflora	856	6	8 +	4	4 ✓	8	8 ✓	5	5 ✓	0	0 ✓	Fuma parv
	Fumaria purpurea	857	–	7 +	–	4 +	–	6 +	–	5 +	–	0	Fuma purp
	Fumaria reuteri	848	–	8 +	–	4 +	–	6 +	–	5 +	–	0	Fuma reut
	Fumaria vaillantii	858	–	8 +	–	3 +	–	8 +	–	5 +	–	0	Fuma vail
	Gagea bohemica	2290	9	9 ✓	2	2 ✓	5	5 ✓	2	2 ✓	0	0 ✓	Gage bohe
	Gagea lutea	859	4	4 ✓	6	6 ✓	7	7 ✓	7	7 ✓	0	0 ✓	Gage lute
②	*Galanthus nivalis*	860	5	5 ✓	6	6 ✓	7	7 ✓	7	7 ✓	0	0 ✓	Gala niva
①	*Galega officinalis*	861	7	8	6	5	7	7	8	8	0	0	Gale offi
	Galeopsis angustifolia	863	8	8 ✓	2	2 ✓	8	8 ✓	4	4 ✓	0	0 ✓	Gale angu
	Galeopsis bifida	864	7	7 ✓	5	5 ✓	6	6 ✓	6	6 ✓	0	0 ✓	Gale bifi
	Galeopsis segetum	865	7	7 ✓	4	4 ✓	3	3 ✓	3	3 ✓	0	0 ✓	Gale sege
	Galeopsis speciosa	867	7	7	5	5	•	7	8	7	0	0	Gale spec
	Galeopsis tetrahit	869	7	7	5	5	•	6	6	6	0	0	Gale tetr
①	*Galinsoga ciliata*	870	7	7	4	5	6	6	7	6	0	0	Gali cili
①	*Galinsoga parviflora*	871	7	7	5	4	5	6 +	8	7	0	0	Gali parv
	Galium aparine	873	7	6	•	6	6	7	8	8	0	0	Gali apar
	Galium boreale	874	6	7	6	5	8	7 +	2	3	0	0	Gali bore
	Galium constrictum	876	–	8	–	9 +	–	3	–	2 +	–	0	Gali cons
	Galium mollugo	879	7	7	4	4	7	7	•	4	0	0	Gali moll
	Galium odoratum	183	2	3 +	5	5	6	7	5	6	0	0	Gali odor
	Galium palustre	882	6	7	9	9	•	5	4	4	0	0	Gali palu
	Galium parisiense	872	8	8 ✓	3	3 ✓	5	7 +	2	2 ✓	0	0 ✓	Gali pari
	Galium pumilum	883.1	7	7	4	4	4	8 +	2	3	0	0	Gali pumi
	Galium saxatile	878	7	6	5	6	2	3	3	3	0	0	Gali saxa
	Galium spurium	885	7	7 ✓	5	5 ✓	8	8 ✓	5	5 ✓	0	0 ✓	Gali spur
	Galium sterneri	883.2	9	9 +	4	4	5	7 ✗	1	1	0	0	Gali ster
②	*Galium tricornutum*	886	7	7	3	4 +	8	7	3	4 +	0	0	Gali tric
	Galium uliginosum	887	6	7	8	9	•	6	2	4 ✗	0	0	Gali ulig
	Galium verum	888	7	7	4	4	7	6	3	2	0	0	Gali veru
	Gastridium ventricosum	889	–	9 +	–	3 +	–	8 +	–	2 +	–	0	Gast vent
①	*Gaudinia fragilis*	2508	8	8 ✓	5	5 ✓	•	6 +	7	6 +	0	0 ✓	Gaud frag
①	*Gaultheria shallon*	890	–	3 +	–	4 +	–	4 +	–	3 +	–	0	Gaul shal
	Genista anglica	891	8	8 +	5	5	2	3	2	2	0	0	Geni angl
	Genista pilosa	892	7	8	•	5	2	4 +	1	1	0	0 +	Geni pilo
	Genista tinctoria	893	8	8	6	6 +	6	7	1	2	0	0	Geni tinc
	Gentiana nivalis	894	9	9 ✓	5	5 ✓	7	7 ✓	3	3 ✓	0	0 ✓	Gent niva
	Gentiana pneumonanthe	895	8	8 ✓	7	7 ✓	•	4 +	1	1 ✓	0	0 ✓	Gent pneu
	Gentiana verna	896	8	8	4	4	7	8 +	2	1	0	0	Gent vern
	Gentianella amarella	897	–	8	–	4	–	8	–	2	–	0	Gent amar
③	*Gentianella anglica*	899	–	8 +	–	3	–	8	–	2	–	0	Gent angl
	Gentianella campestris	901	8	8	5	6	4	6 ✗	2	3	0	1	Gent camp
	Gentianella ciliata	2629	7	8 +	3	3 ✓	8	8 ✓	2	2 ✓	0	0 ✓	Gent cili
	Gentianella germanica	903	7	7 ✓	4	4 ✓	8	8 ✓	3	3 ✓	0	0 ✓	Gent germ
	Gentianella uliginosa	905	8	8 ✓	6	8 +	7	7 ✓	2	2 ✓	0	0 ✓	Gent ulig
	Geranium columbinum	906	7	7	4	4 +	7	7	7	7	0	0	Gera colu
	Geranium dissectum	907	6	7	5	5	8	7	5	6	0	0	Gera diss
	Geranium lucidum	909	5	6	5	4	7	7	8	6 ✗	0	0	Gera luci
	Geranium molle	911	7	7	4	5	5	6	4	5	0	0	Gera moll
	Geranium pratense	914	8	7	5	6	8	7	7	7	0	0	Gera prat
	Geranium purpureum	915	–	7 +	–	3 +	–	6 +	–	3 +	–	1 +	Gera purp
	Geranium pusillum	916	7	7	4	4	•	7 +	7	7	0	0	Gera pusi
②	*Geranium pyrenaicum*	917	8	8	5	4	7	7	8	6 ✗	0	0	Gera pyre
	Geranium robertianum	918	5	5	•	6	•	6	7	6	0	0	Gera robe
	Geranium rotundifolium	919	7	7 ✓	4	4 ✓	7	7 ✓	6	6 ✓	0	0 ✓	Gera rotu
	Geranium sanguineum	920	7	7	3	4	8	7 +	3	3	0	0	Gera sang

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St	Species name	BRC	LO	L	FO	F	RO	R	NO	N	SO	S	Short name
	Geranium sylvaticum	921	6	6	6	5	6	6	7	5 ✗	0	0	Gera sylv
	Geum rivale	924	6	6	8	7	•	6	4	4	0	0	Geum riva
	Geum urbanum	925	4	4	5	6	•	7	7	7	0	0	Geum urba
①	*Gladiolus communis*	5470	–	7	–	4	–	5	–	4	–	0	Glad comm
	Gladiolus illyricus	926	–	5 +	–	4 +	–	5 +	–	3 +	–	0	Glad illy
	Glaucium flavum	929	9	9	6	5	8	8	7	6	2	3 +	Glau flav
	Glaux maritima	930	6	8 ✗	7	7	7	7	5	5	7	4 +	Glau mari
	Glechoma hederacea	931	6	6	6	6	•	7	7	7	0	0	Glec hede
	Glyceria declinata	932	5	7 ✗	8	8	6	6	5	6	0	0	Glyc decl
	Glyceria fluitans	933	7	7	9	10 +	•	6	7	6	0	0	Glyc flui
	Glyceria maxima	934	9	7 ✗	10	10 +	8	7	9	8 +	0	0	Glyc maxi
	Glyceria notata	936	8	7	10	10 +	8	6	8	7 +	0	0	Glyc nota
⑥	*Glyceria x pedicellata*	935	–	7	–	10 +	–	7	–	6	–	0 +	Glyc pedi
	Gnaphalium luteoalbum	937	7	9 +	7	7 ✓	5	5 ✓	3	3 ✓	0	0 ✓	Gnap lute
	Gnaphalium norvegicum	938	7	8 +	5	5 ✓	4	4 ✓	4	4 ✓	0	0 ✓	Gnap norv
	Gnaphalium supinum	939	7	8	7	7 +	3	3	4	3	0	0	Gnap supi
	Gnaphalium sylvaticum	940	8	7	5	6	4	4	6	3 ✶	0	0	Gnap sylv
	Gnaphalium uliginosum	941	7	7	7	6	4	6 ✗	4	5 +	0	0	Gnap ulig
	Goodyera repens	943	5	5	4	5	•	3 +	2	2	0	0	Good repe
	Groenlandia densa	944	8	8 +	12	12	8	8 +	5	5 +	0	1	Groe dens
	Gymnadenia conopsea	948	7	7	7	6	8	7	3	3	0	0	Gymn cono
	Gymnocarpium dryopteris	2050	3	4	6	5	4	4	5	4	0	0	Gymn dryo
	Gymnocarpium robertianum	2054	7	7 +	5	3 ✗	8	8 +	3	4	0	0	Gymn robe
	Hammarbya paludosa	951	9	9	9	9 +	2	2	2	1	0	0	Hamm palu
	Hedera helix	952	4	4 +	5	5	•	7	•	6	0	0	Hede heli
	Helianthemum apenninum	953	8	8	2	1 +	8	8	1	1	0	0	Heli apen
	Helianthemum canum	954	8	8	2	3	9	8	1	1	0	0	Heli canu
	Helianthemum nummularium	955	7	7	3	4	7	7	2	2	0	0	Heli numm
①	*Helianthus annuus*	957	–	7	–	6	–	5	–	7 +	–	0	Heli annu
①	*Helianthus tuberosus*	960	8	7	6	7	7	8	8	8 +	0	0	Heli tube
	Helictotrichon pratense	961	7	7	3	4	•	7	2	2	0	0	Heli prat
	Helictotrichon pubescens	962	5	7 ✗	3	4	•	7	4	3	0	0	Heli pube
	Helleborus foetidus	963	5	5 ✓	4	4 ✓	8	8 ✓	3	3 ✓	0	0 ✓	Hell foet
	Helleborus viridis	964	3	3 ✓	5	5 ✓	8	8 ✓	6	6 ✓	0	0 ✓	Hell viri
①	*Heracleum mantegazzianum*	966	9	7 +	6	6	•	6 +	8	8	0	0	Hera mant
	Heracleum sphondylium	968	7	7	5	5	•	7	8	7	0	0	Hera spho
	Herminium monorchis	969	7	8 +	5	5 ✓	8	8 ✓	2	2 ✓	0	0 ✓	Herm mono
	Herniaria ciliolata	971	–	9	–	4	–	5 +	–	1	–	2	Hern cili
	Herniaria glabra	973	8	8 ✓	3	5 +	4	6 +	2	2 ✓	0	0 ✓	Hern glab
①	*Hesperis matronalis*	975	6	7	7	7 +	7	7	7	7	0	0	Hesp matr
	Hierochloe odorata	977	6	6 ✓	9	9 ✓	4	7 +	2	2 ✓	0	0 ✓	Hier odor
	Himantoglossum hircinum	978	7	7 ✓	3	3 ✓	9	9 ✓	2	2 ✓	0	0 ✓	Hima hirc
	Hippocrepis comosa	979	7	8	3	3	7	8	2	2	0	0	Hipp como
	Hippophae rhamnoides	980	9	8	4	5	8	7	3	5 ✗	0	3 +	Hipp rham
	Hippuris vulgaris	981	7	7	10	10 +	8	6 ✗	•	4	0	1 +	Hipp vulg
①	*Hirschfeldia incana*	982	–	8 +	–	3 +	–	7 +	–	5 +	–	0	Hirs inca
	Holcus lanatus	983	7	7	6	6	•	6	5	5	1	0	Holc lana
	Holcus mollis	984	5	6	5	6	2	3 +	3	3 +	0	0	Holc moll
②	*Homogyne alpina*	987	6	6 ✓	6	6 ✓	4	4 ✓	2	2 ✓	0	0 ✓	Homo alpi
	Honckenya peploides	988	9	9	6	5	7	7	7	6	5	3 ✗	Honc pepl
	Hordelymus europaeus	989	4	6 ✗	5	4	7	7	6	7	0	0	Hord euro
①	*Hordeum distichon*	8281	–	8 +	–	4	–	7	–	7	–	0	Hord dist
	Hordeum marinum	991	9	9	8	6 ✗	7	8	5	6	6	4 +	Hord mari
	Hordeum murinum	992	8	8	4	4	7	7	5	6	0	0	Hord muri
	Hordeum secalinum	993	8	8	6	6	6	7	5	6	4	1 ✶	Hord seca
①	*Hordeum vulgare*	8282	–	9 +	–	4	–	7	–	7	–	0	Hord vulg
	Hornungia petraea	994	8	9 +	2	2 +	9	8	1	1	0	0	Horn petr
	Hottonia palustris	995	7	7	12	11	5	7 ✗	4	5 +	0	0	Hott palu
②	*Humulus lupulus*	996	7	6	8	7	6	7	8	8 +	0	0	Humu lupu

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St	Species name	BRC	LO	L	FO	F	RO	R	NO	N	SO	S	Short name
	Huperzia selago	1217	4	7 ✶	6	6	3	2	5	2 ✶	0	0	Hupe sela
①	*Hyacinthoides hispanica*	686	–	5 +	–	4 +	–	6 +	–	6 +	–	0	Hyac hisp
	Hyacinthoides non-scripta	687	5	5	5	5	7	5 ✗	6	6	0	0	Hyac non •
	Hydrilla verticillata	2291	6	6 ✓	12	12 ✓	9	9 ✓	3	3 ✓	0	0 ✓	Hydr vert
	Hydrocharis morsus-ranae	998	7	7	11	11	7	7	6	7	0	0	Hydr mors
	Hydrocotyle vulgaris	999	7	8	9	8	3	6 ✶	2	3	1	1 +	Hydr vulg
	Hymenophyllum tunbrigense	1000	5	4 +	7	6	3	2	•	3	0	0	Hyme tunb
	Hymenophyllum wilsonii	1001	–	5	–	5	–	3	–	3	–	0	Hyme wils
	Hyoscyamus niger	1002	8	8 ✓	4	4 ✓	7	7 ✓	9	9 ✓	0	0 ✓	Hyos nige
	Hypericum androsaemum	1003	–	5	–	6	–	6	–	5	–	0	Hype andr
①	*Hypericum calycinum*	1004	–	5	–	7	–	5	–	5	–	0	Hype caly
①	*Hypericum canadense*	2265	–	8	–	9	–	2	–	2	–	0	Hype cana
	Hypericum elodes	1008	8	8	9	10	2	3	1	2	0	0	Hype elod
	Hypericum hirsutum	1010	7	6	5	5	8	7	7	5 ✗	0	0	Hype hirs
	Hypericum humifusum	1011	7	7	7	6 +	4	4	3	3	0	0	Hype humi
	Hypericum linariifolium	1012	–	7 +	–	3 +	–	3 +	–	2 +	–	0	Hype lina
	Hypericum maculatum	1006	8	6 ✗	6	6	3	5 ✗	2	5 ✶	0	0	Hype macu
	Hypericum montanum	1013	5	7 ✗	4	4	7	8	3	2	0	0	Hype mont
	Hypericum perforatum	1014	7	7	4	4	6	7	4	5	0	0	Hype perf
	Hypericum pulchrum	1015	4	6 ✗	5	5	3	4	2	3	0	0	Hype pulc
	Hypericum tetrapterum	1016	7	7	8	8	7	6	5	4	0	0	Hype tetr
	Hypericum undulatum	1017	–	8	–	8	–	4	–	2	–	0	Hype undu
	Hypochaeris glabra	1018	9	8 +	3	4	3	4 +	1	2 +	0	0	Hypo glab
	Hypochaeris maculata	1019	7	8	4	4	6	8 ✗	2	3	0	0	Hypo macu
	Hypochaeris radicata	1020	8	8	5	4	4	5	3	3	1	0	Hypo radi
	Iberis amara	1022	7	7 ✓	4	4 ✓	8	8 ✓	3	3 ✓	0	0 ✓	Iber amar
	Ilex aquifolium	1023	4	5	5	5	4	5	5	5	0	0	Ilex aqui
	Illecebrum verticillatum	1024	8	8 ✓	7	7 ✓	3	3 ✓	2	2 ✓	0	0 ✓	Ille vert
①	*Impatiens capensis*	1025	–	7	–	9	–	7	–	6	–	0	Impa cape
①	*Impatiens glandulifera*	1026	5	6	8	8	7	7	7	7	0	0	Impa glan
	Impatiens noli-tangere	1027	4	4 ✓	7	7 ✓	7	7 ✓	6	6 ✓	0	0 ✓	Impa noli
①	*Impatiens parviflora*	1028	4	4	5	5 +	•	7	6	8	0	0	Impa parv
	Inula conyzae	1030	6	7	4	3	7	8	3	3	0	0	Inul cony
	Inula crithmoides	1031	–	9	–	6	–	7	–	5	–	5 +	Inul crit
①	*Inula helenium*	1033	7	6	5	6 +	7	6	5	5 +	0	0	Inul hele
④	*Inula salicina*	1034	8	8 ✓	6	6 ✓	9	9 ✓	3	3 ✓	1	0 +	Inul sali
	Iris foetidissima	1036	–	5	–	4	–	8	–	5	–	0	Iris foet
①	*Iris germanica*	1037	8	8 ✓	3	4 +	8	6 +	2	4 +	0	0 ✓	Iris germ
	Iris pseudacorus	1038	7	7	9	9	•	6	7	6	0	1 +	Iris pseu
	Isoetes echinospora	1043	7	7	12	12	6	5	1	2	0	0	Isoe echi
	Isoetes histrix	1044	–	8	–	7 +	–	5	–	1	–	0 +	Isoe hist
	Isoetes lacustris	1045	7	7	12	12	4	4	1	1	0	0	Isoe lacu
	Isolepis cernua	1046	–	8	–	8	–	5	–	3	–	0	Isol cern
	Isolepis setacea	1047	6	7	9	9	5	5	3	3	0	0	Isol seta
	Jasione montana	1048	7	7	3	4	3	4	2	2	0	0	Jasi mont
①	*Juglans regia*	1049	6	6	6	4 ✗	7	8	7	7	0	0	Jugl regi
	Juncus acutiflorus	1050	9	8	8	8	5	4	3	2	0	0	Junc acfl
	Juncus acutus	1052	–	9 +	–	8	–	7	–	3	–	3 +	Junc acus
	Juncus alpinoarticulatus	1053	8	9	9	9 +	8	7	2	2	0	0	Junc alpi
	Juncus ambiguus	1057.1	9	9 +	8	8	4	7 ✶	3	5 ✗	4	4 +	Junc ambi
	Juncus articulatus	1054	8	8	9	9	•	6	2	3	1	1	Junc arti
	Juncus balticus	1055	8	8 ✓	8	8 ✓	2	5 +	2	2 ✓	1	1 ✓	Junc balt
	Juncus biglumis	1056	–	9 +	–	9 +	–	8 +	–	2 +	–	0	Junc bigl
	Juncus bufonius	1057.2	7	7	7	7	3	6 ✶	4	5	0	1	Junc bufo
	Juncus bulbosus	1058	6	7	10	10	5	4	2	2	0	0	Junc bulb
	Juncus capitatus	1060	8	8	7	6	4	5	3	1 ✗	0	0 +	Junc capi
	Juncus castaneus	1061	–	8	–	8	–	7 +	–	3	–	0	Junc cast
	Juncus compressus	1062	8	8 ✓	8	8 ✓	7	7 ✓	5	5 ✓	1	1 ✓	Junc comp
	Juncus conglomeratus	1063	8	7	7	7	4	4	3	3	0	0	Junc cong

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St	Species name	BRC	LO	L	FO	F	RO	R	NO	N	SO	S	Short name
	Juncus effusus	1067	8	7	7	7	3	4	4	4	0	0	Junc effu
	Juncus filiformis	1068	7	7	9	10 +	4	6 +	3	4 +	0	0	Junc fili
	Juncus foliosus	1057.3	–	8 +	–	8 +	–	6 +	–	6 +	–	0	Junc foli
	Juncus gerardii	1069	8	8	•	7	7	7	•	6	7	3 +	Junc gera
	Juncus inflexus	1070	8	7	7	7	8	7	4	5 +	1	1 +	Junc infl
	Juncus maritimus	1072	9	8	7	8	7	8	6	5	6	5	Junc mari
	Juncus pygmaeus	1073	9	9 ✓	7	7 ✓	4	4 ✓	2	2 ✓	0	0 ✓	Junc pygm
	Juncus squarrosus	1075	8	7	7	7	1	2	1	2	0	0	Junc squa
	Juncus subnodulosus	1076	8	8	8	9	9	8 +	3	4	2	0 ✗	Junc subn
①	*Juncus tenuis*	1077	6	7 +	6	7	5	5	5	4	0	0 +	Junc tenu
	Juncus trifidus	1078	8	8	4	5	4	2 ✗	2	2	0	0	Junc trif
	Juncus triglumis	1079	8	8	9	9	6	6	2	2	0	0	Junc trig
	Juniperus communis	1080	8	8 +	4	5	•	5 +	•	3	0	0	Juni comm
	Kickxia elatine	1082	7	7	4	4	7	6	3	5 ✗	0	0	Kick elat
	Kickxia spuria	1083	7	7	4	4	7	7	3	5 ✗	0	0	Kick spur
	Knautia arvensis	1084	7	7	4	3	•	8	4	4	0	0	Knau arve
	Kobresia simpliciuscula	1085	9	8	9	8 +	8	8	1	1 +	0	0	Kobr simp
	Koeleria macrantha	1087	7	8	3	4	8	7	2	2	0	0	Koel macr
	Koeleria vallesiana	1088	9	8	1	1 +	9	8	1	1	0	0	Koel vall
	Koenigia islandica	1089	–	8	–	9 +	–	6	–	1 +	–	0	Koen isla
①	*Laburnum anagyroides*	1091	7	6	3	5 ✗	8	7	3	7 ✶	0	0	Labu anag
	Lactuca saligna	1092	9	8	4	4	8	7	5	6	1	3 +	Lact sali
	Lactuca serriola	1094	9	8	4	5	•	7	4	6 +	0	0	Lact serr
	Lactuca virosa	1095	7	8 +	4	4 ✓	7	7 ✓	7	7 ✓	0	0 ✓	Lact viro
①	*Lagarosiphon major*	1096	–	6 +	–	12 +	–	7 +	–	6 +	–	0	Laga majo
	Lamiastrum galeobdolon	862	3	4	5	5	7	7	5	6	0	0	Lami gale
	Lamium album	1098	7	7	5	5	•	7	9	8	0	0	Lami albu
	Lamium amplexicaule	1099	6	7	4	4	7	7	7	6	0	0	Lami ampl
	Lamium confertum	1102	–	7 +	–	5 +	–	7 +	–	7 +	–	0	Lami conf
	Lamium hybridum	1100	7	7	5	5	7	7	7	6	0	0	Lami hybr
①	*Lamium maculatum*	1101	5	5 ✓	6	6 ✓	7	7 ✓	8	8 ✓	•	0	Lami macu
	Lamium purpureum	1103	7	6	5	5	7	7	7	7	0	0	Lami purp
	Lapsana communis	1104	5	6	5	4	•	7	7	7	0	0	Laps comm
①	*Larix decidua*	1105	8	7 +	4	4 ✓	•	6 +	3	3 ✓	•	0	Lari deci
①	*Larix kaempferi*	2302	–	7 +	–	6 +	–	5 +	–	3 +	–	0	Lari kaem
①	*Larix x marschlinsii*	2303	–	7 +	–	6 +	–	5 +	–	3 +	–	0	Lari mars
	Lathraea squamaria	1107	3	3 ✓	6	6 ✓	7	7 ✓	6	6 ✓	0	0 ✓	Lath squa
②	*Lathyrus aphaca*	1108	7	7 ✓	3	3 ✓	8	8 ✓	3	4 +	0	0 ✓	Lath apha
	Lathyrus japonicus	1110	8	9	4	5	7	7	3	6 ✶	1	3 +	Lath japo
①	*Lathyrus latifolius*	1111	7	7 ✓	4	4 ✓	9	8 +	3	3 ✓	•	0	Lath lati
	Lathyrus linifolius	1112	•	6	5	5	3	4	2	3	0	0	Lath lini
	Lathyrus nissolia	1114	7	8	4	6 ✗	7	7	4	6 ✗	0	0	Lath niss
	Lathyrus palustris	1115	8	7	8	9	8	7	3	4 +	0	0	Lath palu
	Lathyrus pratensis	1116	7	7	6	6	7	6	6	5	0	0	Lath prat
	Lathyrus sylvestris	1117	7	7 ✓	4	4 ✓	8	8 ✓	2	2 ✓	0	0 ✓	Lath sylv
①	*Lathyrus tuberosus*	1118	7	6	4	5	8	7	4	6 ✗	0	0	Lath tube
	Lavatera arborea	1119	–	9	–	6	–	7	–	8 +	–	3 +	Lava arbo
	Lavatera cretica	1120	–	9 +	–	4 +	–	5 +	–	5 +	–	0	Lava cret
	Leersia oryzoides	1123	8	8 ✓	10	10 ✓	8	8 ✓	8	7 +	0	0 ✓	Leer oryz
	Legousia hybrida	1124	7	7	4	4	7	7	3	4	0	0	Lego hybr
	Lemna gibba	1125	8	7	11	11	8	7	8	8	1	1	Lemn gibb
	Lemna minor	1126	7	7	11	11 +	•	7	6	6	1	0	Lemn mino
①	*Lemna minuta*	2300	–	7 +	–	11 +	–	7 +	–	7 +	–	0	Lemn minu
	Lemna trisulca	1128	7	7	12	12 +	7	7	5	5 +	1	0 +	Lemn tris
	Leontodon autumnalis	1129	7	8	5	6	5	6	5	4	0	1	Leon autu
	Leontodon hispidus	1130	8	8	5	4	7	7	6	3 ✶	0	0	Leon hisp
	Leontodon saxatilis	1131	8	8	6	5	6	6	5	3 +	1	0	Leon saxa
	Lepidium campestre	1133	7	7	4	4	8	7	6	6	0	0	Lepi camp
①	*Lepidium draba*	333	8	8	3	4	8	8	4	6 ✗	0	1	Card drab

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St	Species name	BRC	LO	L	FO	F	RO	R	NO	N	SO	S	Short name
	Lepidium heterophyllum	1139	8	7	5	4	6	5	5	4 +	0	0	Lepi hete
	Lepidium latifolium	1135	9	8	5	5	7	7	5	8 ✶	4	3 +	Lepi lati
	Lepidium ruderale	1137	9	9 ✓	4	4 ✓	•	7 +	6	7 +	0	0 ✓	Lepi rude
	Leucanthemum vulgare	502	7	8	4	4	•	7	3	4	0	0	Leuc vulg
①	*Leucanthemum x superbum*	2621	9	7 +	4	4 ✓	7	7 ✓	3	5 +	•	0	Leuc supe
	Leucojum aestivum	1140	7	7 ✓	9	9 ✓	7	7 ✓	8	8 ✓	0	0 ✓	Leuc aest
②	*Leucojum vernum*	1141	6	6 ✓	6	6 ✓	7	7 ✓	8	6 +	0	0 ✓	Leuc vern
	Leymus arenarius	682	9	9	6	5	7	7	6	6	1	3 +	Leym aren
	Ligusticum scoticum	1143	–	8	–	6	–	7	–	5	–	3	Ligu scot
①	*Ligustrum ovalifolium*	2250	–	7	–	5	–	7	–	8	–	0	Ligu oval
	Ligustrum vulgare	1144	7	6	4	5	8	7	3	5 ✗	0	0	Ligu vulg
①	*Lilium martagon*	1145	4	3	5	4	7	7	5	6	0	0	Lili mart
⑤	*Limonium auriculae-ursifolium*	1150	–	9 +	–	4 +	–	6 +	–	3 +	–	4 +	Limo auri
	Limonium bellidifolium	1147	–	9	–	8	–	8	–	5	–	5 +	Limo bell
	Limonium binervosum	2532	–	9	–	8	–	8	–	5	–	5 +	Limo bine
③	*Limonium britannicum*	2533	–	9 +	–	4 +	–	7 +	–	5 +	–	4 +	Limo brit
③	*Limonium dodartiforme*	2534	–	9 +	–	3 +	–	7 +	–	3 +	–	4 +	Limo doda
	Limonium humile	1149	–	9	–	8	–	7	–	5	–	6 +	Limo humi
③	*Limonium loganicum*	2535	–	9 +	–	3 +	–	4 +	–	3 +	–	4 +	Limo loga
⑤	*Limonium normannicum*	2562	–	9 +	–	5 +	–	6 +	–	3 +	–	4 +	Limo norm
③	*Limonium paradoxum*	1151	–	9 +	–	4 +	–	7 +	–	3 +	–	4 +	Limo para
③	*Limonium parvum*	2536	–	9 +	–	3 +	–	8 +	–	3 +	–	4 +	Limo parv
③	*Limonium procerum*	2537	–	9 +	–	3 +	–	8 +	–	3 +	–	5 +	Limo proc
③	*Limonium recurvum*	1152	–	9 +	–	3 +	–	7 +	–	3 +	–	5 +	Limo recu
③	*Limonium transwallianum*	1153	–	9 +	–	3 +	–	8 +	–	3 +	–	4 +	Limo tran
	Limonium vulgare	1154	9	9	7	8	7	8	5	6	8	6 +	Limo vulg
	Limosella aquatica	1155	7	8	8	8	7	5 ✗	3	5 ✗	0	0	Limo aqua
	Limosella australis	1157	–	7 +	–	10 +	–	7 +	–	4 +	–	1 +	Limo aust
⑤	*Linaria pelisseriana*	1159	–	8 +	–	3 +	–	5 +	–	4 +	–	0	Lina peli
①	*Linaria purpurea*	1160	–	8	–	5	–	7	–	6 +	–	0	Lina purp
	Linaria repens	1161	7	8	4	5	4	7 +	6	5	0	0	Lina repe
	Linaria vulgaris	1164	8	7	4	4	7	8	5	6	0	0	Lina vulg
	Linnaea borealis	1165	5	5 ✓	5	5 ✓	2	2 ✓	2	2 ✓	0	0 ✓	Linn bore
	Linum bienne	1168	–	8 +	–	4	–	7	–	5	–	0	Linu bien
	Linum catharticum	1169	7	8	•	5	7	7	2	2	1	0	Linu cath
	Linum perenne	1167	7	7	3	3	8	8	2	2	0	0	Linu pere
①	*Linum usitatissimum*	1170	–	7	–	4	–	7	–	5	–	0	Linu usit
	Liparis loeselii	1171	8	8	9	8	9	8	2	3	0	0 +	Lipa loes
	Listera cordata	1172	3	3 +	7	6	2	2	2	2	0	0	List cord
	Listera ovata	1173	6	6	6	5 +	7	7	7	5 +	0	0	List ovat
	Lithospermum arvense	278	5	8 +	•	4	7	7	5	5 +	0	0	Lith arve
	Lithospermum officinale	1174	6	6 ✓	5	5 ✓	8	8 ✓	5	5 ✓	0	0 ✓	Lith offi
	Lithospermum purpurocaeruleum	279	5	5 ✓	4	4 ✓	7	7 ✓	4	4 ✓	0	0 ✓	Lith purp
	Littorella uniflora	1175	7	8	10	10	7	5 ✗	2	3	1	0	Litt unif
	Lloydia serotina	1176	9	7 +	5	5 ✓	5	5 ✓	1	1 ✓	0	0 ✓	Lloy sero
	Lobelia dortmanna	1177	7	8	10	12 ✗	5	5	1	1	0	0	Lobe dort
	Lobelia urens	1178	–	8	–	8	–	4	–	2	–	0	Lobe uren
①	*Lobularia maritima*	1179	–	9 +	–	3 +	–	7 +	–	4 +	–	3 +	Lobu mari
	Loiseleuria procumbens	1180	9	9 +	5	5	3	2	1	2	0	0	Lois proc
①	*Lolium multiflorum*	1182	7	7	4	5	7	7	8	7	0	0	Loli mult
	Lolium perenne	1183	8	8	5	5	7	6	7	6	0	0	Loli pere
	Lonicera periclymenum	1188	6	5	•	6	3	5 ✗	4	5	0	0	Loni peri
②	*Lonicera xylosteum*	1189	5	5 ✓	5	5 ✓	7	7 ✓	6	6 ✓	0	0 ✓	Loni xylo
	Lotus angustissimus	1190	–	8 +	–	3 +	–	4 +	–	3 +	–	0	Lotu angu
	Lotus corniculatus	1191	7	7	4	4	7	6 +	3	2	0	1 +	Lotu corn
	Lotus glaber	1193	7	7	7	7	8	7 +	4	5	4	1 ✶	Lotu tenu
	Lotus pedunculatus	1194	7	7	8	8	6	6	4	4	0	0	Lotu pedu
	Lotus subbiflorus	1192	–	7	–	5	–	6	–	5	–	0	Lotu subb
	Ludwigia palustris	1042	8	8 ✓	9	9 ✓	4	4 ✓	4	4 ✓	0	0 ✓	Ludw palu

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St	Species name	BRC	LO	L	FO	F	RO	R	NO	N	SO	S	Short name
①	*Lupinus arboreus*	1196	–	9	–	4	–	7	–	3 +	–	0 +	Lupi arbo
①	*Lupinus polyphyllus*	2428	7	7 ✓	5	5 ✓	4	5 +	•	5 +	•	0	Lupi poly
	Luronium natans	1198	8	8 +	11	11 +	5	5 +	3	3 +	0	0 +	Luro nata
	Luzula arcuata	1199	–	9 +	–	5 +	–	2 +	–	2 +	–	0	Luzu arcu
	Luzula campestris	1201	7	7	4	4	3	5 ✗	3	2	0	0	Luzu camp
	Luzula forsteri	1202	4	4 ✓	4	4 ✓	5	5 ✓	2	2 ✓	0	0 ✓	Luzu fors
	Luzula multiflora	1204	7	7	5	6	5	3 ✗	3	3	0	0	Luzu mult
	Luzula pallidula	1206	7	7 ✓	5	7 +	3	5 +	2	2 ✓	0	0 ✓	Luzu pall
	Luzula pilosa	1207	2	5 ✶	5	5	5	5 +	4	3	0	0	Luzu pilo
	Luzula spicata	1208	8	8	4	5	4	3	1	2 +	0	0	Luzu spic
	Luzula sylvatica	1209	4	5	5	5	4	4	4	4	0	0	Luzu sylv
	Lychnis alpina	2221	–	8 +	–	3 +	–	4 +	–	2 +	–	0	Lych alpi
	Lychnis flos-cuculi	1210	7	7	7	9 ✗	•	6	•	4	0	0	Lych flos
	Lychnis viscaria	2222	7	8	3	3	4	4	2	2	0	0	Lych visc
①	*Lycium barbarum*	1212	9	8 +	5	5 ✓	7	7 ✓	4	4 ✓	0	0 ✓	Lyci barb
①	*Lycium chinense*	1211	–	8	–	5	–	7	–	4	–	1	Lyci chin
①	*Lycopersicon esculentum*	4359	–	7	–	5	–	7	–	8	–	0	Lyco escu
	Lycopodiella inundata	1216	8	9	9	9	3	2 +	1	1	0	0	Lyco inun
	Lycopodium annotinum	1214	3	6 +	6	6 ✓	3	3 ✓	3	3 ✓	0	0 ✓	Lyco anno
	Lycopodium clavatum	1215	8	7 +	4	5	2	1	2	2	0	0	Lyco clav
	Lycopus europaeus	1219	7	7	9	8	7	7	7	6	0	0	Lyco euro
①	*Lysichiton americanus*	2619	–	4 +	–	9 +	–	6 +	–	8 +	–	0	Lysi amer
	Lysimachia nemorum	1221	2	5 ✶	7	7	7	4 ✶	7	5 ✗	0	0	Lysi nemo
	Lysimachia nummularia	1222	4	5	6	7	•	5	•	5	0	0	Lysi numm
①	*Lysimachia punctata*	1223	6	6 ✓	7	6 +	8	7 +	4	5 +	•	0	Lysi punc
	Lysimachia thyrsiflora	1350	7	8	9	10	•	4	4	3	0	0	Lysi thyr
	Lysimachia vulgaris	1225	6	7	8	9	•	7	•	5	0	0	Lysi vulg
	Lythrum hyssopifolia	1226	8	8 +	7	6	3	6 ✶	4	4	2	0 ✗	Lyth hyss
	Lythrum portula	1444	8	8	7	8	3	5 ✗	2	3 +	0	0	Lyth port
	Lythrum salicaria	1227	7	7	8	9	6	7	•	5	1	0	Lyth sali
①	*Mahonia aquifolium*	1228	–	5 +	–	4	–	6 +	–	5 +	–	0	Maho aqui
	Maianthemum bifolium	1229	3	3 ✓	5	5 ✓	3	3 ✓	3	3 ✓	0	0 ✓	Maia bifo
①	*Malus domestica*	1230.1	–	7 +	–	5	–	6 +	–	7 +	–	0	Malu dome
	Malus sylvestris	1230.2	7	7 +	5	5	7	6	5	6	0	0	Malu sylv
	Malva moschata	1232	8	7	4	3	7	7	4	4	0	0	Malv mosc
	Malva neglecta	1233	8	7	5	4	7	8	9	7 +	0	0	Malv negl
①	*Malva pusilla*	1235	8	8	4	5	5	5 +	5	5 +	1	0	Malv pusi
	Malva sylvestris	1236	8	8	4	4	7	8	8	7	0	0	Malv sylv
	Marrubium vulgare	1238	9	9 +	4	5	8	7	8	8 +	0	0	Marr vulg
①	*Matricaria discoidea*	1242	8	7	5	5	7	7	8	7	0	0	Matr disc
	Matricaria recutita	1239	7	7	5	5	5	7 ✗	5	7 ✗	0	0	Matr recu
②	*Matthiola incana*	1244	–	9 +	–	3 +	–	8 +	–	2 +	–	3 +	Matt inca
	Matthiola sinuata	1245	–	9 +	–	3 +	–	7 +	–	2 +	–	1 +	Matt sinu
	Meconopsis cambrica	1246	–	4	–	5	–	7	–	5 +	–	0	Meco camb
	Medicago arabica	1247	8	7	4	5	8	6 ✗	5	5	0	0	Medi arab
	Medicago lupulina	1250	7	7	4	4	8	8	•	4	0	0	Medi lupu
	Medicago minima	1251	9	9 ✓	3	3 ✓	8	7 +	2	2 ✓	0	0 ✓	Medi mini
	Medicago polymorpha	1249	9	9 +	3	4	7	5 ✗	5	5	0	0	Medi poly
	Medicago sativa	1252	8	7	4	4	7	6	•	5	0	0	Medi sati
	Melampyrum arvense	1254	7	7 ✓	4	4 ✓	8	8 ✓	3	3 ✓	0	0 ✓	Mela arve
	Melampyrum cristatum	1255	7	6 +	3	3 ✓	8	8 ✓	2	2 ✓	0	0 ✓	Mela cris
	Melampyrum pratense	1256	•	5	•	5	3	2	2	3	0	0	Mela prat
	Melampyrum sylvaticum	1257	4	4 ✓	5	5 ✓	2	2 ✓	2	2 ✓	0	0 ✓	Mela sylv
	Melica nutans	1262	4	4	4	5	•	7	3	3 +	0	0	Meli nuta
	Melica uniflora	1263	3	4	5	5	6	7	6	5	0	0	Meli unif
①	*Melilotus albus*	1264	9	9 ✓	3	3 ✓	7	7 ✓	4	4 ✓	•	0	Meli albu
①	*Melilotus altissimus*	1265	8	8	7	6	7	7	7	7	2	0 +	Meli alti
①	*Melilotus officinalis*	1267	8	8 ✓	3	5 +	8	7 +	3	5 +	•	0	Meli offi
	Melittis melissophyllum	1269	5	5 +	4	4	6	7	3	5 ✗	0	0	Meli meli

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St	Species name	BRC	LO	L	FO	F	RO	R	NO	N	SO	S	Short name
	Mentha aquatica	1272	7	7	9	8	7	7	5	5	0	0	Ment aqua
	Mentha arvensis	1273	7	6	7	7 +	•	7	•	6	0	0	Ment arve
	Mentha pulegium	1280	8	8 ✓	7	7 ✓	7	5 +	7	7 ✓	1	0 +	Ment pule
①	*Mentha spicata*	1285	7	7	8	8	9	7 +	7	7 +	0	0	Ment spic
	Mentha suaveolens	1282	8	7	8	8 +	6	6	5	6	1	0	Ment suav
	Menyanthes trifoliata	1289	8	8	9	10	•	4	3	3	0	0	Meny trif
	Mercurialis annua	1290	7	7	4	5	7	7	8	7 +	0	0	Merc annu
	Mercurialis perennis	1291	2	3 +	•	6	8	7	7	7	0	0	Merc pere
	Mertensia maritima	1292	–	8	–	5 +	–	7	–	7	–	3 +	Mert mari
	Meum athamanticum	1294	8	8 ✓	5	5 ✓	3	4 +	3	3 ✓	0	0 ✓	Meum atha
	Mibora minima	1295	8	9 +	3	3 ✓	4	7 +	3	1 +	0	0 ✓	Mibo mini
	Milium effusum	1296	4	4	5	5	5	6	5	5	0	0	Mili effu
⑤	*Milium vernale*	1297	–	9 +	–	3 +	–	6 +	–	2 +	–	0	Mili vern
①	*Mimulus guttatus*	4328	7	7	9	9 +	•	6	6	6	0	0	Mimu gutt
①	*Mimulus luteus*	1299	–	7	–	9 +	–	5	–	5	–	0	Mimu lute
①	*Mimulus moschatus*	1300	–	7 +	–	8 +	–	5 +	–	5 +	–	0	Mimu mosc
①	*Mimulus x robertsii*	4331	–	7	–	8	–	7	–	5	–	0	Mimu robe
	Minuartia hybrida	1303	9	9 ✓	3	3 ✓	8	8 ✓	3	3 ✓	0	0 ✓	Minu hybr
④	*Minuartia recurva*	2270	8	8 ✓	4	4 ✓	3	3 ✓	1	1 ✓	0	0 ✓	Minu recu
	Minuartia rubella	1301	–	8 +	–	4 +	–	7 +	–	1 +	–	0	Minu rube
	Minuartia sedoides	501	9	8	4	5	4	4	1	2	0	0	Minu sedo
	Minuartia stricta	1302	9	9	9	9	2	8 ✶	1	2	0	0	Minu stri
	Minuartia verna	1304	9	8	3	4 +	•	7	1	1	0	0	Minu vern
	Misopates orontium	128	7	7	5	5	5	6	5	6	0	0	Miso oron
	Moehringia trinervia	1305	4	4	5	5	6	7	7	6	0	0	Moeh trin
	Moenchia erecta	1306	9	9 ✓	2	4 +	4	4 ✓	1	3 +	0	0 ✓	Moen erec
	Molinia caerulea	1307	7	7 +	7	8	•	3	2	2	0	0	Moli caer
	Moneses uniflora	1308	4	4 +	5	5 +	4	4 +	2	1	0	0	Mone unif
	Monotropa hypopitys	1310	4	4 ✓	5	5 ✓	3	6 +	2	2 ✓	0	0 ✓	Mono hypo
	Montia fontana	1312	8	7	9	8	5	5	4	3	0	0	Mont font
②	*Muscari neglectum*	1313	7	7 ✓	3	3 ✓	7	7 ✓	5	5 ✓	0	0 ✓	Musc negl
	Mycelis muralis	1315	4	4	5	5	•	7	6	5	0	0	Myce mura
	Myosotis alpestris	1316	8	8	5	4	9	8 +	4	2 +	0	0	Myos alpe
	Myosotis arvensis	1317	6	7	5	5	•	6	6	6	0	0	Myos arve
	Myosotis discolor	1321	8	7	4	5	4	5	2	3 +	0	0	Myos disc
	Myosotis laxa	1319	7	7	9	9	4	6 ✗	7	5 ✗	0	0	Myos laxa
	Myosotis ramosissima	1320	9	8	2	3	7	6	1	3 ✗	0	0	Myos ramo
	Myosotis scorpioides	1322	7	7	8	9	•	6	5	6	0	0	Myos scor
	Myosotis secunda	1323	–	6	–	9	–	5	–	4	–	0	Myos secu
⑤	*Myosotis sicula*	1324	–	8 +	–	7 +	–	6 +	–	3 +	–	0	Myos sicu
	Myosotis stolonifera	1318	–	8	–	9	–	5	–	4	–	0	Myos stol
	Myosotis sylvatica	1325	6	6 +	5	5	•	7	7	5 ✗	0	0	Myos sylv
	Myosoton aquaticum	1326	7	7	8	8	7	7	8	8	0	0	Myos aqua
	Myosurus minimus	1327	8	8 ✓	7	7 ✓	6	6 ✓	5	5 ✓	0	0 ✓	Myos mini
	Myrica gale	1328	8	8	9	9	3	3	3	2	0	0	Myri gale
	Myriophyllum alterniflorum	1330	7	7	12	12 +	6	5	3	3	0	0	Myri alte
①	*Myriophyllum aquaticum*	4433	–	7	–	12	–	5	–	3	–	0	Myri aqua
	Myriophyllum spicatum	1331	5	7 ✗	12	12 +	9	7 ✗	7	7	•	0 +	Myri spic
	Myriophyllum verticillatum	1332	5	7 ✗	12	12 +	7	7	8	7	0	0	Myri vert
①	*Myrrhis odorata*	1333	7	7	5	6	7	7	7	7	0	0	Myrr odor
	Najas flexilis	1334	5	6 +	12	12	8	7 +	5	4	0	1	Naja flex
	Najas marina	1336	5	5 ✓	12	12 ✓	9	9 ✓	6	6 ✓	1	0 +	Naja mar
	Narcissus pseudonarcissus	1343	8	7 +	6	5	4	6 ✗	4	5	0	0	Narc pseu
	Nardus stricta	1344	8	7	•	7	2	3	2	2	0	0	Nard stri
	Narthecium ossifragum	1345	8	8	9	9	2	2	1	1	0	0	Nart ossi
	Neotinea maculata	1351	–	8 +	–	4 +	–	8 +	–	2 +	–	0	Neot macu
	Neottia nidus-avis	1352	2	2 +	5	4	7	7	5	5	0	0	Neot nidu
	Nepeta cataria	1353	8	7	4	4	7	7	7	6	0	0	Nepe cata
	Nuphar lutea	1356	8	7	11	11	7	7	6	6	0	1	Nuph lute

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St	Species name	BRC	LO	L	FO	F	RO	R	NO	N	SO	S	Short name
	Nuphar pumila	1357	8	7	11	11 +	4	6 ✗	2	4 ✗	0	0	Nuph pumi
	Nymphaea alba	1358	8	7	11	11	7	6	5	4	0	0	Nymp alba
	Nymphoides peltata	1360	8	8 +	11	11 +	8	7	7	6	0	0 +	Nymp pelt
	Odontites vernus	1361	6	7	5	5	6	6	5	5	0	0	Odon vern
	Oenanthe aquatica	1362	7	7	10	10 +	7	7	6	6	0	0 +	Oena aqua
	Oenanthe crocata	1363	–	7	–	8	–	6 +	–	7	–	1	Oena croc
	Oenanthe fistulosa	1364	7	7	9	9	8	7	5	6	0	0	Oena fist
	Oenanthe fluviatilis	1365	8	8 ✓	11	11 ✓	8	8 ✓	7	6 +	0	0 ✓	Oena fluv
	Oenanthe lachenalii	1366	8	8	8	8	8	8	7	5 ✗	3	3	Oena lach
	Oenanthe pimpinelloides	1367	–	7 +	–	7 +	–	6 +	–	3 +	–	0	Oena pimp
	Oenanthe silaifolia	1368	8	8 ✓	8	9 +	7	7 ✓	5	5 ✓	2	0 +	Oena sila
①	*Oenothera biennis*	1370	9	9 ✓	4	4 ✓	•	6 +	4	4 ✓	0	0 ✓	Oeno bien
①	*Oenothera cambrica*	2368	–	9	–	4	–	6	–	3	–	0	Oeno camb
①	*Oenothera glazioviana*	1371	–	9	–	4	–	6	–	5	–	0	Oeno glaz
②	*Oenothera x fallax*	2369	–	8 +	–	3 +	–	6 +	–	5 +	–	0	Oeno fall
②	*Onobrychis viciifolia*	1375	8	7	3	4	8	8	3	3	0	0	Onob vici
	Ononis reclinata	1376	–	9 +	–	2 +	–	8 +	–	2 +	–	1 +	Onon recl
	Ononis repens	1377	8	8	4	4	7	6	2	3	0	0	Onon repe
	Ononis spinosa	1378	8	8	4	4	7	8	3	3	1	0	Onon spin
	Onopordum acanthium	1379	9	8	4	4 +	7	6	8	7	0	0	Onop acan
	Ophioglossum azoricum	1381.1	–	8 +	–	6 +	–	5 +	–	2 +	–	1 +	Ophi azor
	Ophioglossum lusitanicum	1380	–	8 +	–	6 +	–	5 +	–	2 +	–	0	Ophi lusi
	Ophioglossum vulgatum	1381.2	7	8	7	7	7	7	2	3	1	0	Ophi vulg
	Ophrys apifera	1382	7	8	4	4	9	8	2	3	0	0	Ophr apif
	Ophrys fuciflora	1383	8	8 ✓	4	4 ✓	9	9 ✓	2	2 ✓	0	0 ✓	Ophr fuci
	Ophrys insectifera	1384	7	8	4	5 +	9	9 +	3	2	0	0	Ophr inse
	Ophrys sphegodes	1385	8	8 ✓	4	4 ✓	9	9 ✓	3	3 ✓	0	0 ✓	Ophr sphe
⑤	*Orchis laxiflora*	1386	9	9 ✓	9	9 ✓	8	8 ✓	2	2 ✓	1	1 ✓	Orch laxi
	Orchis mascula	1387	6	6	4	5	8	7 +	•	4	0	0	Orch masc
	Orchis militaris	1388	7	7 ✓	3	3 ✓	9	9 ✓	2	2 ✓	0	0 ✓	Orch mili
	Orchis morio	1389	7	8 +	4	4 ✓	7	7 ✓	3	3 ✓	0	0 ✓	Orch mori
	Orchis purpurea	1390	5	5 ✓	4	4 ✓	8	8 ✓	3	3 ✓	0	0 ✓	Orch purp
	Orchis simia	1391	8	8 ✓	3	3 ✓	8	8 ✓	2	2 ✓	0	0 ✓	Orch simi
	Orchis ustulata	1392	7	8 ✓	4	4 ✓	•	8 +	3	2 +	0	0 ✓	Orch ustu
	Oreopteris limbosperma	2051	4	6 ✗	6	6	3	4	5	3 ✗	0	0	Oreo limb
	Origanum vulgare	1393	7	6	3	4	8	7	3	4	0	0	Orig vulg
	Ornithogalum angustifolium	1396	6	8 ✗	5	3 ✗	7	6 +	7	4 +	0	0	Orni angu
	Ornithogalum pyrenaicum	1395	4	5 +	5	5 ✓	6	7 +	5	5 ✓	0	0 ✓	Orni pyre
	Ornithopus perpusillus	1397	7	7	3	4	2	4 ✗	2	3	0	0	Orni perp
	Ornithopus pinnatus	1398	–	8 +	–	3 +	–	3 +	–	2 +	–	0	Orni pinn
	Orobanche alba	1399	8	8 ✓	3	3 ✓	9	7 +	•	2 +	0	0 ✓	Orob alba
	Orobanche artemisiae-campestris	1405	7	8 +	4	4 ✓	7	8 +	5	5 ✓	0	0 ✓	Orob arte
	Orobanche caryophyllacea	1400	8	8 ✓	3	3 ✓	9	9 ✓	2	2 ✓	0	0 ✓	Orob cary
	Orobanche elatior	1401	7	8	4	3	8	8	3	3	0	0	Orob elat
	Orobanche hederae	1402	4	4 ✓	5	5 ✓	6	6 ✓	•	5 +	0	0 ✓	Orob hede
	Orobanche minor	1404	6	7	5	4	7	8	5	6	0	0	Orob mino
	Orobanche purpurea	1406	7	7 ✓	4	4 ✓	7	7 ✓	2	2 ✓	0	0 ✓	Orob purp
	Orobanche rapum-genistae	1408	•	7 +	5	5 ✓	3	3 ✓	2	2 ✓	0	0 ✓	Orob rapu
	Orobanche reticulata	1409	7	7 ✓	4	6 +	8	7 +	2	6 +	0	0 ✓	Orob reti
	Orthilia secunda	1410	4	5 +	5	5	•	5 +	2	3	0	0	Orth secu
	Osmunda regalis	1411	5	6	8	9	4	5	5	4	0	0	Osmu rega
	Otanthus maritimus	1412	–	9 +	–	2 +	–	5 +	–	2 +	–	3 +	Otan mari
	Oxalis acetosella	1413	1	4 +	5	6	4	4	6	4 ✗	0	0	Oxal acet
①	*Oxalis articulata*	1415	–	7	–	3	–	4	–	2	–	0	Oxal arti
①	*Oxalis corniculata*	1414	7	7	4	4	•	6	6	5	0	0	Oxal corn
①	*Oxalis debilis*	2519	–	7 +	–	4	–	6 +	–	8 +	–	0	Oxal debi
①	*Oxalis exilis*	1414.3	–	7	–	4	–	6	–	4	–	0	Oxal exil
①	*Oxalis incarnata*	2518	–	6	–	5	–	6	–	5	–	0	Oxal inca
①	*Oxalis latifolia*	2520	–	6	–	5	–	6	–	5	–	0	Oxal lati

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St	Species name	BRC	LO	L	FO	F	RO	R	NO	N	SO	S	Short name
①	*Oxalis pes-caprae*	2523	–	7	–	4	–	6	–	5	–	0	Oxal pes–
①	*Oxalis stricta*	1416	7	6 +	5	5 ✓	6	6 ✓	5	5 ✓	0	0 ✓	Oxal stri
	Oxyria digyna	1420	8	7	5	6	3	5 +	3	3	0	0	Oxyr digy
	Oxytropis campestris	1421	9	9 ✓	4	4 ✓	6	8 +	2	2 ✓	0	0 ✓	Oxyt camp
	Oxytropis halleri	1422	–	9 +	–	3 +	–	8 +	–	2 +	–	0	Oxyt hall
①	*Panicum miliaceum*	4435	–	9 +	–	3 +	–	7 +	–	6 +	–	0 +	Pani milia
	Papaver argemone	1424	6	7	4	4	5	6 +	5	5	0	0	Papa arge
	Papaver dubium	7046	6	7	4	5	5	6	5	5	0	0	Papa dubi
	Papaver hybridum	1427	7	7 ✓	5	4 +	7	8 +	5	4 +	0	0 ✓	Papa hybr
	Papaver rhoeas	1430	6	7	5	5	7	7	6	6	0	0	Papa rhoe
①	*Papaver somniferum*	1431	–	7 +	–	4	–	7 +	–	8 +	–	0	Papa somn
	Parapholis incurva	1432	–	9	–	6	–	7	–	4	–	4 +	Para incu
	Parapholis strigosa	1433	8	8	7	6	7	7	4	6 ✗	5	5 +	Para stri
	Parentucellia viscosa	1434	–	7	–	7	–	7	–	5	–	0 +	Pare visc
	Parietaria judaica	1435	6	7	7	4 ✶	8	8	7	5 ✗	0	1	Pari juda
	Paris quadrifolia	1436	3	3 ✓	6	6 ✓	7	7 ✓	7	6 +	0	0 ✓	Pari quad
	Parnassia palustris	1437	8	8	8	8 +	7	7	2	3	0	0	Parn palu
	Pastinaca sativa	1440	8	7	4	4	8	7	5	5	0	0	Past sati
	Pedicularis palustris	1441	8	8	9	8	•	5	2	2	0	0	Pedi palu
	Pedicularis sylvatica	1442	7	8	8	8	1	3 ✗	2	2	0	0	Pedi sylv
①	*Pentaglottis sempervirens*	1443	–	6	–	5	–	6	–	7	–	0	Pent semp
	Persicaria amphibia	1521	7	7	11	10	6	6	4	6 ✗	0	0	Pers amph
	Persicaria bistorta	1525	7	6	7	7 +	5	6	5	6	0	0	Pers bist
	Persicaria hydropiper	1530	7	7	7	7	5	6	5	6	0	0	Pers hydr
	Persicaria lapathifolia	1531	6	7	8	6 ✗	•	7	8	7	0	0	Pers lapa
	Persicaria laxiflora	1535	7	7	8	8	6	6 +	7	9 ✗	0	0	Poly mite
	Persicaria maculosa	1537	6	7	5	6	7	6	7	7	0	0	Pers macu
	Persicaria minor	1534	7	7 ✓	8	8 ✓	5	5 ✓	8	8 ✓	0	0 ✓	Pers mino
	Persicaria vivipara	1543	7	8	5	6	4	6 ✗	2	2	0	0	Pers vivi
①	*Persicaria wallichii*	1538	–	8 +	–	4 +	–	5 +	–	6 +	–	0	Pers wall
①	*Petasites albus*	1445	4	5 +	6	5	•	5 +	5	7 +	0	0	Peta albu
①	*Petasites fragrans*	1446	–	5 +	–	5 +	–	6 +	–	6 +	–	0	Peta frag
	Petasites hybridus	1447	7	6	8	7	7	7	8	7	0	0	Peta hybr
	Petrorhagia nanteuilii	1090.1	–	9 +	–	2 +	–	6 +	–	1 +	–	3 +	Petr nant
	Petrorhagia prolifera	1090.2	8	8 ✓	3	3 ✓	5	5 ✓	2	2 ✓	0	0 ✓	Petr prol
①	*Petroselinum crispum*	1449	–	8 +	–	4 +	–	7 +	–	5	–	1 +	Petr cris
	Petroselinum segetum	1450	–	8 +	–	5	–	8	–	6 +	–	0	Petr sege
	Peucedanum officinale	1451	7	7 ✓	4	5 +	8	8 ✓	2	4 +	0	0 ✓	Peuc offi
	Peucedanum palustre	1453	7	7	9	9	•	7	4	5	0	0	Peuc palu
	Phalaris arundinacea	1454	7	7	8	8	7	7	7	7	0	1 +	Phal arun
①	*Phalaris canariensis*	1455	–	8 +	–	4	–	7	–	6	–	0	Phal cana
①	*Phalaris minor*	1456	–	8 +	–	5	–	6	–	5	–	0	Phal mino
	Phegopteris connectilis	2053	2	4 +	6	6	4	4	6	4 ✗	0	0	Pheg conn
	Phleum alpinum	1460	8	8 ✓	5	5 ✓	6	6 ✓	7	4 +	0	0 ✓	Phle alpi
	Phleum arenarium	1459	9	9 +	3	3	7	5 ✗	3	3	1	1 +	Phle aren
	Phleum bertolonii	1461	–	8 +	–	4 +	–	7 +	–	4 +	–	0	Phle bert
	Phleum phleoides	1462	8	8 ✓	3	3 ✓	8	8 ✓	2	2 ✓	0	0 ✓	Phle phle
	Phleum pratense	2247	7	8	5	5	•	7	7	6	0	0	Phle prat
	Phragmites australis	1465	7	7	10	10 +	7	7	7	6	0	2 +	Phra aust
	Phyllitis scolopendrium	1466	4	4	5	5	8	7	4	5 +	0	0	Phyl scol
	Phyllodoce caerulea	1467	–	7 +	–	4 +	–	3 +	–	2 +	–	0	Phyl caer
	Physospermum cornubiense	616	–	6 +	–	5 +	–	4 +	–	4 +	–	0	Phys corn
	Phyteuma orbiculare	1469	8	7	5	4	8	8	3	3	0	0	Phyt orbi
	Phyteuma spicatum	1468	•	5 +	5	5 ✓	6	6 ✓	5	5 ✓	0	0 ✓	Phyt spic
①	*Picea abies*	1470	5	7 +	•	6	•	3	•	4	0	0	Pice abie
①	*Picea sitchensis*	2401	–	7 +	–	7	–	2	–	2	–	0	Pice sitc
②	*Picris echioides*	1471	7	7	5	5	8	7	6	6	0	0	Picr echi
	Picris hieracioides	1472	8	8	4	4	8	8	4	3	0	0	Picr hier
①	*Pilosella aurantiaca*	4516	8	8 ✓	5	4 +	4	6 +	2	2 ✓	0	0 ✓	Pilo aura

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St	Species name	BRC	LO	L	FO	F	RO	R	NO	N	SO	S	Short name
	Pilosella flagellaris	3083	–	8 +	–	4 +	–	7 +	–	4 +	–	0	Pilo flag
	Pilosella officinarum	976	7	8	4	4	•	7	2	2	0	0	Pilo offi
	Pilosella peleteriana	3144	–	8	–	3	–	8 +	–	2	–	0	Pilo pele
	Pilularia globulifera	1474	8	8	9	10	4	4	2	2	0	0	Pilu glob
	Pimpinella major	1475	7	7	5	5	7	7	6	6	0	0	Pimp majo
	Pimpinella saxifraga	1476	7	7	3	4	•	7	2	3	0	0	Pimp saxi
④	*Pinguicula grandiflora*	1478	–	7 +	–	8 +	–	4 +	–	2 +	–	0	Ping gran
	Pinguicula lusitanica	1480	–	8	–	8	–	4	–	2	–	0	Ping lusi
	Pinguicula vulgaris	1481	8	8	8	8	7	6 +	2	2	0	0	Ping vulg
①	*Pinus contorta*	2402	–	7 +	–	5 +	–	5 +	–	2	–	0	Pinu cont
①	*Pinus nigra*	1482	7	7 +	3	3 +	9	5 ✶	2	2 +	0	0	Pinu nigr
	Pinus sylvestris	1484	7	7 +	•	6	•	2 +	•	2	0	0	Pinu sylv
①	*Pisum sativum*	4365	–	7	–	4	–	7	–	7	–	0	Pisu sati
	Plantago coronopus	1485	8	8	7	6	7	6	4	4	4	2 +	Plan coro
	Plantago lanceolata	1487	6	7	•	5	•	6	•	4	0	0	Plan lanc
	Plantago major	1488	8	7	5	5	•	6	6	7	0	0	Plan majo
	Plantago maritima	1489	8	8	7	7	8	6 ✗	5	4	7	3 +	Plan mari
	Plantago media	1490	7	8	4	4	7	7	3	3	0	0	Plan medi
	Platanthera bifolia	1492	6	6 +	5	6 +	7	6 +	•	2	0	0	Plat bifo
	Platanthera chlorantha	1493	6	5 +	7	5 ✗	7	7	•	4 +	0	0	Plat chlo
	Poa alpina	1494	7	7 ✓	5	5 ✓	•	7 +	7	3 +	0	0 ✓	Poa alpi
	Poa angustifolia	1506.2	7	7	•	5	•	7	3	5 ✗	0	0	Poa angu
	Poa annua	1495	7	7	6	5	•	6	8	7 +	1	1 +	Poa annu
	Poa bulbosa	1497	8	8 ✓	3	3 ✓	5	5 ✓	2	2 ✓	0	0 ✓	Poa bulb
①	*Poa chaixii*	1498	6	5	5	5	3	6 ✶	4	5 +	0	0	Poa chai
	Poa compressa	1499	9	9 +	3	4	9	7 ✗	3	4 +	0	0	Poa comp
	Poa flexuosa	1500	8	8 ✓	5	5 ✓	3	3 ✓	2	2 ✓	0	0 ✓	Poa flex
	Poa glauca	1501	–	7	–	5	–	6	–	3	–	0	Poa glau
	Poa humilis	1506.5	9	8	5	6	6	6	3	4	3	2	Poa humi
	Poa infirma	1502	–	8 +	–	4 +	–	5 +	–	5 +	–	0	Poa infi
	Poa nemoralis	1504	5	4	5	5	5	6	4	5	0	0	Poa nemo
①	*Poa palustris*	1505	7	7 ✓	9	9 ✓	8	7 +	7	6 +	0	0 ✓	Poa palu
	Poa pratensis	1506.4	6	7	5	5	•	6	6	5	0	0	Poa prat
	Poa trivialis	1507	6	7	7	6	•	6	7	6	1	0	Poa triv
	Polemonium caeruleum	1508	6	5	7	5 ✗	8	7	6	6	0	0	Pole caer
	Polycarpon tetraphyllum	1509	9	9 +	3	4	5	6	•	4	0	0	Poly tetr
	Polygala amarella	1510	9	9 ✓	9	6 +	9	9 ✓	1	1 ✓	0	0 ✓	Poly amar
	Polygala calcarea	1512	7	7	3	3	9	8	2	2	0	0	Poly calc
	Polygala serpyllifolia	1514	8	8	6	7	2	2	2	2	0	0	Poly serp
	Polygala vulgaris	1515	7	8	4	5	3	6 ✶	2	3	0	0	Polg vulg
	Polygonatum multiflorum	1516	2	4 ✗	5	5	6	7	5	6	0	0	Poly mult
	Polygonatum odoratum	1518	7	5 +	3	3 ✓	7	7 ✓	3	3 ✓	0	0 ✓	Poly odor
	Polygonatum verticillatum	1519	4	4 ✓	5	5 ✓	4	5 +	5	5 ✓	0	0 ✓	Poly vert
	Polygonum arenastrum	1520	–	7	–	5	–	7	–	6	–	0	Poly aren
	Polygonum aviculare	1523	7	7	4	5	•	6	6	7	1	0	Poly avic
	Polygonum boreale	2269	–	7 +	–	5 +	–	6 +	–	6 +	–	0	Poly bore
	Polygonum maritimum	1533	–	9 +	–	3 +	–	5 +	–	4 +	–	3 +	Poly mari
	Polygonum oxyspermum	1539	9	9 +	7	6	7	7	8	8	1	3 +	Poly oxys
	Polygonum rurivagum	1540	7	8 +	5	4 +	8	8 ✓	7	5 +	0	0 ✓	Poly ruri
	Polypodium cambricum	1544.1	–	6 +	–	5 +	–	7 +	–	3 +	–	0	Poly camb
	Polypodium interjectum	1544.3	5	5 ✓	5	5 ✓	•	5 +	•	3 +	0	0 ✓	Poly inte
	Polypodium vulgare	1544.2	5	5	4	5	2	4 +	2	3 +	0	0	Polp vulg
	Polypogon monspeliensis	1545	–	8 +	–	8 +	–	7 +	–	6 +	–	3 +	Poly mons
	Polystichum aculeatum	1546	3	5 ✗	6	5	6	7	7	5 ✗	0	0	Poly acul
	Polystichum lonchitis	1547	6	6	5	5	8	7	3	3	0	0	Poly lonc
	Polystichum setiferum	1548	3	4	6	5	5	5 +	5	6	0	0	Poly seti
①	*Populus alba*	1549	5	6 +	7	6 +	8	7 +	6	6 ✓	•	0	Popu alba
	Populus nigra	4313	5	6	8	8 +	7	7	7	7	0	0	Popu nigr
	Populus tremula	1555	6	6 +	5	5	•	5	•	6	0	0	Popu trem

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St	Species name	BRC	LO	L	FO	F	RO	R	NO	N	SO	S	Short name
①	*Populus x canescens*	1551	–	6 +	–	6 +	–	6 +	–	5 +	–	0	Popu cane
	Potamogeton acutifolius	1557	7	7 ✓	11	12 +	5	7 +	6	6 ✓	0	0 ✓	Pota acut
	Potamogeton alpinus	1558	7	7	12	12	6	6	6	5	0	1	Pota alpi
	Potamogeton berchtoldii	1559	6	7	12	12	7	6	5	5	1	0	Pota berc
	Potamogeton coloratus	1561	8	7	11	11 +	8	8 +	8	5 ✶	0	0	Pota colo
	Potamogeton compressus	1562	6	7	12	12	8	7	4	4 +	0	0 +	Pota comp
	Potamogeton crispus	1563	6	7	12	12 +	7	7	5	6	1	1	Pota cris
	Potamogeton epihydrus	1565	–	8 +	–	12 +	–	5 +	–	1 +	–	0	Pota epih
	Potamogeton filiformis	1566	8	7	12	12	4	7 ✶	3	5 ✗	0	1	Pota fili
	Potamogeton friesii	1567	5	7 ✗	11	12	7	7	6	5	0	0 +	Pota frie
	Potamogeton gramineus	1568	8	7	12	12	5	6	5	3 ✗	0	0	Pota gram
	Potamogeton lucens	1569	6	7	12	12 +	6	6	7	6	0	0 +	Pota luce
	Potamogeton natans	1570	6	7	11	11 +	7	6	5	4	0	0	Pota nata
	Potamogeton nodosus	1572	6	6 ✓	12	12 ✓	8	8 ✓	5	5 ✓	0	0 ✓	Pota nodo
	Potamogeton obtusifolius	1573	6	7	12	12	6	6	6	5 +	0	0	Pota obtu
	Potamogeton pectinatus	1574	6	6	12	12 +	8	7	8	7 +	1	2 +	Pota pect
	Potamogeton perfoliatus	1575	6	7	12	12	7	6	6	5	1	1	Pota perf
	Potamogeton polygonifolius	1576	7	8	10	10 +	3	4	2	2	0	0	Pota poly
	Potamogeton praelongus	1577	8	7	12	12	8	7 +	4	5	0	1	Pota prae
	Potamogeton pusillus	1578	6	7	12	12	6	7	•	6	1	1	Pota pusi
	Potamogeton rutilus	1579	7	7	12	12	8	7 +	5	5 +	0	0	Pota ruti
	Potamogeton trichoides	1581	8	6 ✗	11	12	5	7 ✗	4	6 ✗	0	0 +	Pota tric
⑥	*Potamogeton x nitens*	1571	–	7	–	12	–	6	–	5	–	1	Pota nite
⑥	*Potamogeton x zizii*	1582	–	7	–	12	–	6	–	4	–	0	Pota zizi
	Potentilla anglica	1583	7	7	5	5	8	5 ✶	4	5	0	0	Pote angl
	Potentilla anserina	1584	7	8	6	7	•	7	7	6	1	2 +	Pote anse
	Potentilla argentea	1585	9	8	2	3	3	5 ✗	1	2	0	0	Pote arge
	Potentilla crantzii	1587	9	8	5	5	8	8 +	2	2	0	0	Pote cran
	Potentilla erecta	1588	6	7	•	7	•	3	2	2	0	0	Pote erec
	Potentilla fruticosa	1589	–	8 +	–	6 +	–	8 +	–	2 +	–	0	Pote frut
	Potentilla neumanniana	1597	8	7	3	3	7	8	2	1	0	0	Pote neum
	Potentilla palustris	1592	8	8	9	10	3	5 ✗	2	3	0	0	Pote palu
	Potentilla reptans	1594	6	7	6	5	7	7	5	5	0	0	Pote rept
	Potentilla rupestris	1595	7	7 ✓	4	4 ✓	6	6 ✓	2	2 ✓	0	0 ✓	Pote rupe
	Potentilla sterilis	1596	5	5	5	5	6	5	6	5	0	0	Pote ster
	Primula elatior	1600	6	4 ✗	6	5	7	7	7	6	0	0	Prim elat
	Primula farinosa	1603	8	9	8	8	9	9 +	2	2	0	0	Prim fari
③	*Primula scotica*	1604	–	9 +	–	4 +	–	7 +	–	2 +	–	1 +	Prim scot
	Primula veris	1605	7	7	4	4	8	7	3	3	0	0	Prim veri
	Primula vulgaris	1607	6	5	5	5	7	6	5	4	0	0	Prim vulg
	Prunella vulgaris	1610	7	7	5	5	7	6 +	•	4	0	0	Prun vulg
	Prunus avium	1611	4	4	5	5	7	6	5	6	0	0	Prun aviu
①	*Prunus cerasifera*	1612	–	6	–	5	–	7	–	6	–	0	Prun cfer
①	*Prunus cerasus*	1613	–	6	–	5	–	6	–	5	–	0	Prun csus
①	*Prunus domestica*	1614	–	7	–	5	–	7	–	6 +	–	0	Prun dome
①	*Prunus laurocerasus*	1615	–	4 +	–	6	–	5	–	6	–	0	Prun laur
	Prunus padus	1616	5	5 +	8	6 ✗	7	6	6	7	0	0	Prun padu
	Prunus spinosa	1617	7	6	4	5	7	7	•	6	0	1 +	Prun spin
①	*Pseudofumaria lutea*	556	6	6 ✓	6	6 ✓	9	8 +	5	5 ✓	•	0	Pseu lute
	Pseudorchis albida	947	8	8 ✓	5	5 ✓	2	6 +	2	2 ✓	0	0 ✓	Pseu albi
①	*Pseudotsuga menziesii*	1618	–	6	–	6	–	4	–	4	–	0	Pseu menz
	Pteridium aquilinum	1619	6	6	5	5	3	3	3	3	0	0	Pter aqui
	Puccinellia distans	1620	8	8	6	8 ✗	7	7	4	7 ✶	7	4 +	Pucc dist
	Puccinellia fasciculata	1621	–	8	–	7	–	7	–	7	–	4 +	Pucc fasc
	Puccinellia maritima	1622	9	9	8	8	7	7 +	5	6	8	5 +	Pucc mari
	Puccinellia rupestris	1624	–	9 +	–	7 +	–	7 +	–	5 +	–	5 +	Pucc rupe
	Pulicaria dysenterica	1625	8	7	7	7	7	7	5	4	0	0	Puli dyse
	Pulicaria vulgaris	1626	9	9 ✓	8	8 ✓	6	6 ✓	7	7 ✓	1	0 +	Puli vulg
	Pulmonaria longifolia	1627	–	6 +	–	4 +	–	6 +	–	5 +	–	0	Pulm long

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St	Species name	BRC	LO	L	FO	F	RO	R	NO	N	SO	S	Short name
	Pulmonaria obscura	5437	4	4 ✓	6	6 ✓	8	8 ✓	7	7 ✓	0	0 ✓	Pulm obsc
	Pulsatilla vulgaris	106	7	7	2	3	7	8	2	3	0	0	Puls vulg
	Pyrola media	1630	4	5	4	4	5	5 +	2	2	0	0	Pyro medi
	Pyrola minor	1631	6	5	5	5	3	4	2	2 +	0	0	Pyro mino
	Pyrola rotundifolia	5438	4	6 +	6	7	5	7 ✗	3	3	0	0	Pyro rotu
①	*Pyrus communis*	5479	–	7 +	–	5 +	–	6 +	–	7 +	–	0	Pyru cult
	Pyrus cordata	1634	–	6 +	–	5 +	–	5 +	–	4 +	–	0	Pyru cord
①	*Quercus cerris*	1635	6	6	4	4	6	6 +	•	6	0	0	Quer cerr
①	*Quercus ilex*	1637	4	6 +	3	3 ✓	•	7 +	•	4 +	0	1 +	Quer ilex
	Quercus petraea	1638	6	6 +	5	6	•	3	•	4	0	0	Quer petr
	Quercus robur	1640	7	7 +	•	5	•	5	•	4	0	0	Quer robu
	Radiola linoides	1641	8	8 +	7	7 +	3	4 +	2	2	0	1 +	Radi lino
	Ranunculus acris	1642	7	7	6	6	•	6	•	4	0	0	Ranu acri
	Ranunculus aquatilis	1643.1	–	7	–	10	–	7	–	5	–	0	Ranu aqua
	Ranunculus arvensis	1644	6	7	4	5	8	7	•	6	0	0	Ranu arve
	Ranunculus auricomus	1645	5	6	•	7	7	6	•	5	0	0	Ranu auri
	Ranunculus baudotii	1646	8	7	10	11	9	7 ✗	7	6	6	4 +	Ranu baud
	Ranunculus bulbosus	1647	8	7	3	4	7	7	3	4	0	0	Ranu bulb
	Ranunculus circinatus	1648	6	7	12	12 +	7	7	8	7	1	0 +	Ranu circ
	Ranunculus ficaria	1649	4	6 ✗	6	6	7	6	7	6	0	0	Ranu fica
	Ranunculus flammula	1651	7	7	9	9	3	5 ✗	2	3	1	0	Ranu flam
	Ranunculus fluitans	1652	8	7	12	12	•	7 +	8	6 +	0	0	Ranu flui
	Ranunculus hederaceus	1653	8	7	9	9	3	5 +	•	5	0	0	Ranu hede
	Ranunculus lingua	1655	7	7	10	10	6	6	7	7 +	0	0	Ranu ling
①	*Ranunculus muricatus*	1657	–	7	–	4	–	5	–	5	–	0	Ranu muri
	Ranunculus omiophyllus	1654	–	7	–	9	–	5	–	4	–	0	Ranu omio
	Ranunculus ophioglossifolius	1658	–	7 +	–	8 +	–	7 +	–	5 +	–	0	Ranu ophi
⑤	*Ranunculus paludosus*	1650	–	8 +	–	7 +	–	6 +	–	3 +	–	0	Ranu palu
	Ranunculus parviflorus	1659	–	7	–	5	–	6	–	5	–	0	Ranu parv
	Ranunculus peltatus	1643.2	6	7	12	11	5	5 +	6	6	0	0 +	Ranu pelt
	Ranunculus penicillatus	1643.3	8	7	11	12 +	7	8	•	5 +	0	0	Ranu peni
	Ranunculus repens	1660	6	6 +	7	7 +	•	6	7	7 +	1	0	Ranu repe
	Ranunculus reptans	1661	8	8 ✓	10	10 ✓	8	6 +	2	2 ✓	0	0 ✓	Ranu rept
	Ranunculus sardous	1662	8	8 +	8	7 +	•	6	7	7 +	1	2 +	Ranu sard
	Ranunculus sceleratus	1663	9	8	9	8	7	8	9	8	2	2 +	Ranu scel
	Ranunculus trichophyllus	1664	7	7	12	12 +	8	6 ✗	7	6 +	0	0 +	Ranu tric
	Ranunculus tripartitus	1665	9	9 ✓	10	10 ✓	6	6 ✓	3	3 ✓	0	0 ✓	Ranu trip
①	*Raphanus maritimus*	1666	–	7	–	4	–	7	–	5	–	3 +	Raph mari
	Raphanus raphanistrum	5481	6	7	5	5	4	6 ✗	6	6	0	0	Raph raph
	Reseda lutea	1672	7	7	3	4	8	7	5	5	0	0	Rese ltea
	Reseda luteola	1673	8	7	4	4	9	8	6	6 +	0	0	Rese lola
	Rhamnus cathartica	1675	7	7 +	4	5 +	8	7	4	6 ✗	0	0	Rham cath
	Rhinanthus angustifolius	1683	7	7 ✓	6	6 ✓	7	7 ✓	2	2 ✓	0	0 ✓	Rhin angu
	Rhinanthus minor	1678	–	7	–	5	–	6	–	4	–	0	Rhin mino
①	*Rhododendron ponticum*	1687	–	5	–	5	–	3	–	3	–	0	Rhod pont
	Rhynchospora alba	1691	8	8	9	9 +	3	2	2	1	0	0	Rhyn alba
	Rhynchospora fusca	1692	8	9	9	9 +	1	3 ✗	2	1	0	0	Rhyn fusc
	Ribes alpinum	1693	5	5 ✓	•	5 +	8	8 ✓	7	6 +	0	0 ✓	Ribe alpi
②	*Ribes nigrum*	1694	4	5	9	9	6	6	5	6	0	0	Ribe nigr
②	*Ribes rubrum*	1696	4	5	8	7	6	7	6	6	0	0	Ribe rubr
	Ribes spicatum	1695	4	4 ✓	8	6 +	7	7 ✓	7	6 +	0	0 ✓	Ribe spic
	Ribes uva-crispa	1697	4	5	•	5	•	7	6	6	0	0	Ribe uva-
①	*Robinia pseudoacacia*	1698	5	7 +	4	4 ✓	•	6 +	8	6 +	•	0	Robi pseu
	Romulea columnae	1700	–	9 +	–	4 +	–	5 +	–	2 +	–	0	Romu colu
	Rorippa amphibia	1701	7	8	10	10 +	7	7	8	8	0	0	Rori amph
	Rorippa islandica	2546	–	8 +	–	8 +	–	7 +	–	6 +	–	0	Rori isla
	Rorippa microphylla	1346	•	7	10	10 +	•	7 +	•	6	•	0	Nast micr
	Rorippa nasturtium-aquaticum	1348	7	7	10	10 +	7	7	7	7	0	0	Rori nast
	Rorippa palustris	1703	7	8	8	8	•	7	8	7	0	0	Rori palu

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St	Species name	BRC	LO	L	FO	F	RO	R	NO	N	SO	S	Short name
	Rorippa sylvestris	1704	6	8 ✗	8	8	8	7	6	7	0	0	Rori sylv
	Rosa agrestis	1706	8	8 ✓	3	3 ✓	8	8 ✓	3	3 ✓	0	0 ✓	Rosa agre
	Rosa arvensis	1707	5	6	5	4	7	7	5	5	0	0	Rosa arve
	Rosa caesia	7533	8	8 ✓	3	3 ✓	8	7 +	3	3 ✓	0	0 ✓	Rosa caes
	Rosa canina	1708	–	6	–	5	–	7	–	6	–	0	Rosa cani
	Rosa micrantha	1712	8	6 +	3	3 ✓	8	7 +	3	3 ✓	0	0 ✓	Rosa micr
	Rosa mollis	1722	6	5	3	5 ✗	8	7	2	4 +	0	0	Rosa moll
	Rosa obtusifolia	1713	7	7 ✓	4	4 ✓	8	8 ✓	4	4 ✓	0	0 ✓	Rosa obtu
	Rosa pimpinellifolia	1719	8	8 +	4	3	8	6 +	3	3	0	0	Rosa pimp
	Rosa rubiginosa	1714	7	7 ✓	3	3 ✓	8	8 ✓	3	3 ✓	0	0 ✓	Rosa rubi
	Rosa sherardii	1718	–	6 +	–	5 +	–	6 +	–	4 +	–	0	Rosa sher
	Rosa stylosa	1720	8	7 +	4	4 ✓	8	8 ✓	4	4 ✓	0	0 ✓	Rosa styl
	Rosa tomentosa	1721	8	7 +	4	4 ✓	7	7 ✓	4	4 ✓	0	0 ✓	Rosa tome
	Rubia peregrina	1725	6	6	4	4	•	8	3	5 ✗	0	0	Rubi pere
	Rubus caesius	1726	6	7	•	7	8	7	7	6 +	0	0	Rubu caes
	Rubus chamaemorus	1727	9	9 +	8	7	2	1	1	1	0	0	Rubu cham
	Rubus fruticosus	1728	–	6	–	6	–	6	–	6	–	0	Rubu frut
	Rubus idaeus	1729	7	6	•	5	•	5	6	5	0	0	Rubu idae
	Rubus saxatilis	1730	7	7 +	6	5	7	7 +	4	4 +	0	0	Rubu saxa
①	*Rubus spectabilis*	1731	–	6 +	–	6 +	–	5	–	5	–	0	Rubu spec
	Rumex acetosa	1734	8	7	•	5	•	5	6	4 ✗	0	0	Rume acsa
	Rumex acetosella	1735	8	7	3	5 ✗	2	4 ✗	2	3	0	0	Rume acel
	Rumex aquaticus	1739	7	7 ✓	8	8 ✓	7	7 ✓	8	7 +	0	0 ✓	Rume aqua
	Rumex conglomeratus	1741	8	8	7	8	•	7 +	8	7 +	0	0 +	Rume cong
	Rumex crispus	1742	7	8	7	6	•	7	6	6	0	2 +	Rume cris
	Rumex hydrolapathum	1745	7	7	10	10 +	7	7	7	6	0	0	Rume hydr
	Rumex longifolius	1746	8	7	5	6	•	7	8	7	0	0	Rume long
	Rumex maritimus	1747	8	8 +	9	9	8	7	9	7 ✗	2	0 ✗	Rume mari
	Rumex obtusifolius	1748	7	7	6	5	•	7	9	9 +	0	0	Rume obtu
	Rumex palustris	1749	8	7	9	8	9	7 ✗	8	8	0	0	Rume palu
①	*Rumex pseudoalpinus*	1737	8	7 +	6	6 ✓	7	7 ✓	9	9 ✓	•	0	Rume pseu
	Rumex pulcher	1751	8	7	3	6 ✶	7	7	7	7	0	0	Rume pulc
	Rumex rupestris	1752	–	7	–	8 +	–	5	–	5 +	–	0	Rume rupe
	Rumex sanguineus	1753	4	5 +	8	7	7	7	7	7	0	0	Rume sang
	Ruppia cirrhosa	1759	•	7	12	12 +	8	7	•	5	9	4 +	Rupp cirr
	Ruppia maritima	1758	•	9	10	11 +	8	8 +	•	8	9	4 +	Rupp mari
	Ruscus aculeatus	1760	–	4	–	5	–	4	–	4	–	0	Rusc acul
	Sagina apetala	2559	8	9	7	4 ✶	4	6 ✗	4	3	0	0 +	Sagi apet
	Sagina maritima	1765	8	9	7	7	8	7	3	4	4	4 +	Sagi mari
	Sagina nivalis	1764	–	8 +	–	7 +	–	8 +	–	1 +	–	0	Sagi niva
	Sagina nodosa	1766	8	8	8	7	8	7	5	3 ✗	2	1	Sagi nodo
	Sagina procumbens	1767	7	7	5	6	7	6	6	5	2	1	Sagi proc
	Sagina saginoides	1768	7	8	6	7	5	6	4	2 ✗	0	0	Sagn sagi
	Sagina subulata	1769	8	8	7	6	•	6	•	4	0	0	Sagi subu
	Sagittaria sagittifolia	1771	7	7	10	11	7	7	6	6	0	0	Sagt sagi
	Salicornia dolichostachya	1774	–	9 +	–	8 +	–	8 +	–	6 +	–	9 +	Sali doli
	Salicornia europaea	1775	9	9	8	8	8	8	4	6 ✗	9	9 +	Sali euro
	Salicornia fragilis	1776	9	9 ✓	7	8 +	7	8 +	3	6 +	7	9 +	Salc frag
	Salicornia nitens	1778	–	9 +	–	7 +	–	8 +	–	6 +	–	9 +	Sali nite
	Salicornia obscura	1779	–	9 +	–	8 +	–	8 +	–	6 +	–	9 +	Sali obsc
	Salicornia pusilla	1780	–	9 +	–	6 +	–	8 +	–	6 +	–	5 +	Sali pusi
	Salicornia ramosissima	1781	9	9 ✓	8	7 +	8	8 ✓	5	5 ✓	9	9 ✓	Sali ramo
	Salix alba	1784	5	6	8	7	8	8 +	7	8	0	0	Sali alba
	Salix arbuscula	1785	–	8	–	5	–	7 +	–	2	–	0	Sali arbu
	Salix aurita	1787	7	7	8	8	4	4	3	3	0	0	Sali auri
	Salix caprea	1788	7	7 +	6	7	7	7 +	7	7 +	0	0	Sali capr
	Salix cinerea	1789	7	7 +	9	8	5	6	4	5	0	0	Sali cine
②	*Salix fragilis*	1793	5	6	8	8	6	7	6	7	0	0	Sali frag
	Salix herbacea	1794	7	8	7	5 ✗	3	3	4	2 ✗	0	0	Sali herb

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St	Species name	BRC	LO	L	FO	F	RO	R	NO	N	SO	S	Short name
	Salix lanata	1795	–	8 +	–	6 +	–	7 +	–	3	–	0	Sali lana
	Salix lapponum	1796	–	8 +	–	6	–	6 +	–	3	–	0	Sali lapp
	Salix myrsinifolia	1797	7	6	7	8 +	8	5 ✶	6	4 ✗	0	0	Sali myrf
	Salix myrsinites	1798	–	8 +	–	5	–	6	–	2	–	0	Sali myrs
	Salix pentandra	1799	7	7 +	8	8 +	6	6 +	4	4	0	0	Sali pent
	Salix phylicifolia	1800	–	7	–	8	–	5	–	4	–	0	Sali phyl
	Salix purpurea	1801	8	8 +	•	9	8	7 +	•	5	0	0	Sali purp
	Salix repens	1802	8	8	7	7	•	6	•	3	0	0	Sali repe
	Salix reticulata	1803	8	7	6	6	9	8 +	3	3	0	0	Sali reti
②	*Salix triandra*	1804	7	7 ✓	8	8 ✓	7	7 ✓	5	5 ✓	0	0 ✓	Sali tria
②	*Salix viminalis*	1805	7	7 +	8	8	7	6	•	6	0	0	Sali vimi
	Salsola kali	1806	9	9 +	•	6	7	7	8	8	6	3 +	Sals kali
	Salvia pratensis	1810	8	8 ✓	3	3 ✓	8	8 ✓	4	4 ✓	0	0 ✓	Salv prat
	Salvia verbenaca	1812	–	8 +	–	3	–	7	–	2	–	0 +	Salv verb
②	*Sambucus ebulus*	1814	8	7 +	5	5 ✓	8	8 ✓	7	7 ✓	0	0 ✓	Samb ebul
	Sambucus nigra	1815	7	6	5	5	•	7	9	7 ✗	0	0	Samb nigr
①	*Sambucus racemosa*	1816	6	6	5	5	5	6	8	7	0	0	Samb race
	Samolus valerandi	1817	8	8	8	8	7	8	5	5	4	2 ✗	Samo vale
	Sanguisorba minor	5442	7	7	3	4	8	8	2	3	0	0	Sang mino
	Sanguisorba officinalis	1818	7	7	6	7	•	6	5	5 +	0	0	Sang offi
	Sanicula europaea	1819	4	4	5	5	8	7 +	6	5	0	0	Sani euro
②	*Saponaria officinalis*	1821	7	8	5	5	7	6	5	6 +	0	0	Sapo offi
	Sarcocornia perennis	1777	–	9	–	8	–	8	–	6	–	6 +	Sarc pere
	Saussurea alpina	1825	9	8 +	5	6	5	6	3	3	0	0	Saus alpi
	Saxifraga aizoides	1826	8	8	9	9 +	8	6 ✗	3	2	0	0	Saxi aizo
	Saxifraga cernua	1827	–	6 +	–	6 +	–	7 +	–	1 +	–	0	Saxi cern
	Saxifraga cespitosa	1828	–	7 +	–	5 +	–	7 +	–	1 +	–	0	Saxi cesp
	Saxifraga granulata	1830	•	8 +	4	5	5	6	3	4 +	0	0	Saxi gran
	Saxifraga hirculus	1832	9	8	9	9	4	6 ✗	2	2 +	0	0	Saxi hirc
④	*Saxifraga hirsuta*	1833	–	6 +	–	7 +	–	5 +	–	2 +	–	0	Saxi hirs
	Saxifraga hypnoides	1835	–	7	–	5	–	6	–	3	–	0	Saxi hypn
	Saxifraga nivalis	1836	–	6 +	–	6 +	–	7 +	–	3	–	0	Saxi niva
	Saxifraga oppositifolia	1837	8	8	5	6	8	8 +	2	2	0	0	Saxi oppo
	Saxifraga rivularis	1838	–	6 +	–	9 +	–	5 +	–	2 +	–	0	Saxi rivu
	Saxifraga rosacea	5482	7	7 ✓	4	4 ✓	8	8 ✓	•	4 +	0	0 ✓	Saxi rosa
④	*Saxifraga spathularis*	1840	–	6 +	–	8	–	3	–	2	–	0	Saxi spat
	Saxifraga stellaris	1842	8	8	9	8	5	5	•	3	0	0	Saxi stel
	Saxifraga tridactylites	1843	8	7	2	2	7	7	1	2	0	0	Saxi trid
	Scabiosa columbaria	1846	8	8 +	3	3	8	8	3	2	0	0	Scab colu
	Scandix pecten-veneris	1847	7	7	3	4	8	7	4	4	0	0	Scan pect
	Scheuchzeria palustris	1848	9	9	9	10 +	3	3	1	1	0	0	Sche palu
	Schoenoplectus lacustris	1851	8	8	11	11	7	7	6	6	1	0 +	Scho lacu
⑤	*Schoenoplectus pungens*	1849	8	8 ✓	10	10 ✓	7	7 ✓	7	7 ✓	1	1 ✓	Scho pung
	Schoenoplectus tabernaemontani	1852	8	9	10	10 +	9	8	6	7 +	3	3 +	Scho tabe
	Schoenoplectus triqueter	1853	8	8 ✓	10	10 ✓	7	7 ✓	7	7 ✓	2	3 +	Scho triq
	Schoenus ferrugineus	1854	9	8	8	9	7	7	2	2	0	0	Scho ferr
	Schoenus nigricans	1855	9	8	9	8	9	7 +	2	2	1	0	Scho nigr
	Scilla autumnalis	1856	–	9	–	3	–	6	–	1	–	0 +	Scil autu
	Scilla verna	1857	–	8	–	5	–	5	–	3	–	3 +	Scil vern
	Scirpoides holoschoenus	985	8	8 ✓	8	8 ✓	7	7 ✓	8	6 +	0	0 ✓	Scir holo
	Scirpus sylvaticus	1861	6	6	8	8	4	6 ✗	4	6 ✗	0	0	Scir sylv
	Scleranthus annuus	1862	6	7	5	4	2	4 +	5	4	0	0	Scle annu
	Scleranthus perennis	1863	8	8	2	3	4	4	1	2	0	0	Scle pere
	Scorzonera humilis	1864	7	8 +	7	7 ✓	5	5 ✓	2	2 ✓	0	0 ✓	Scor humi
	Scrophularia auriculata	1865	8	7	9	8	6	7	7	7	0	0	Scro auri
	Scrophularia nodosa	1867	4	5	6	6	6	7	7	6	0	0	Scro nodo
	Scrophularia scorodonia	1868	–	7 +	–	4 +	–	6 +	–	6 +	–	0	Scro scor
	Scrophularia umbrosa	1869	7	7 ✓	9	9 ✓	8	7 +	7	7 ✓	0	0 ✓	Scro umbr
①	*Scrophularia vernalis*	1870	5	5 ✓	5	5 ✓	7	7 ✓	7	7 ✓	•	0	Scro vern

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St	Species name	BRC	LO	L	FO	F	RO	R	NO	N	SO	S	Short name
	Scutellaria galericulata	1872	7	7	9	8	7	6	6	5	0	0	Scut gale
	Scutellaria minor	1874	7	7	9	9	2	4 ✗	3	2	0	0	Scut mino
①	*Secale cereale*	4369	–	8	–	5	–	7	–	7	–	0	Seca cere
	Sedum acre	1875	8	8	2	2 +	•	7	1	2	1	1 +	Sedu acre
②	*Sedum album*	1876	9	8	2	3	•	6	1	2	0	0	Sedu alu
	Sedum anglicum	1877	–	8	–	3 +	–	4	–	2	–	1	Sedu angl
	Sedum forsterianum	1879	8	7	3	3 +	4	5	1	1	0	0	Sedu fors
	Sedum rosea	1882	7	7	6	6	4	6 ✗	•	3	0	0 +	Sedu rose
①	*Sedum rupestre*	1881	7	7 ✓	2	2 ✓	5	5 ✓	1	4 +	•	0	Sedu rupe
	Sedum telephium	1885	7	7	4	5	7	7	•	5	0	1	Sedu tele
	Sedum villosum	1886	9	8	9	9	4	6 ✗	1	2 +	0	0	Sedu vill
	Selaginella selaginoides	1888	8	8	7	7	7	6 +	3	2	0	0	Sela sela
	Selinum carvifolia	1889	7	7 ✓	7	7 ✓	5	8 +	3	4 +	0	0 ✓	Seli carv
①	*Sempervivum tectorum*	1890	8	8 ✓	2	2 ✓	4	4 ✓	•	1 +	0	0 ✓	Semp tect
	Senecio aquaticus	1891	7	7	8	8	4	6 ✗	5	5	0	0	Sene aqua
③	*Senecio cambrensis*	2294	–	8 +	–	5 +	–	7 +	–	7 +	–	0	Sene camb
①	*Senecio cineraria*	1892	–	9 +	–	3 +	–	7 +	–	3 +	–	3 +	Sene cine
	Senecio erucifolius	1896	8	7	3	5 ✗	8	7	4	5	0	0	Sene eruc
①	*Senecio fluviatilis*	1897	7	7 ✓	9	8 +	7	6 +	8	7 +	0	0 ✓	Sene fluv
	Senecio jacobaea	1899	8	7	4	4	7	6	5	4	0	0	Sene jaco
	Senecio paludosus	1900	7	7 ✓	9	9 ✓	•	7 +	6	6 ✓	0	0 ✓	Sene palu
①	*Senecio smithii*	4436	–	8	–	7 +	–	6 +	–	7 +	–	0	Sene smit
①	*Senecio squalidus*	1902	8	8	5	4	7	7	8	7	0	0	Sene squa
	Senecio sylvaticus	1903	8	7	5	5	5	5	8	6 +	0	0	Sene sylv
	Senecio viscosus	1904	8	8	3	5 ✗	•	7	4	6 ✗	0	1	Sene visc
	Senecio vulgaris	1905	7	7	5	5	•	7	8	7 +	0	0	Sene vulg
	Seriphidium maritimum	172	9	9	5	7 ✗	•	8	7	6	5	5 +	Seri mari
	Serratula tinctoria	1906	6	7 +	•	6	7	6	3	2	0	0	Serr tinc
	Seseli libanotis	1907	7	7	3	4	8	8 +	2	3 +	0	0	Sese liba
	Sesleria caerulea	1908	8	7	8	6 +	8	8 +	2	2	0	0	Sesl caer
	Sherardia arvensis	1912	6	7	4	4	7	6	5	4	0	0	Sher arve
	Sibbaldia procumbens	1913	7	8	7	5 ✗	2	4 ✗	4	3	0	0	Sibb proc
	Sibthorpia europaea	1914	–	5	–	7 +	–	5 +	–	5 +	–	0	Sibt euro
	Silaum silaus	1916	7	8	•	5	7	7	3	4 +	0	0	Sila sila
	Silene acaulis	1917	9	8	4	5	8	6 +	1	1 +	0	0	Sile acau
	Silene conica	1921	9	8	2	3	5	4	2	2	0	0	Sile coni
	Silene dioica	1259	•	5	6	6	7	6	8	7	0	0	Sile dioi
	Silene gallica	1918	7	7	4	4	7	5 ✗	6	5	0	0	Sile gall
	Silene latifolia	1258	8	7	4	4	•	7	7	6	0	0	Sile lati
	Silene noctiflora	1261	7	7	3	4	8	7	5	6	0	0	Sile noct
	Silene nutans	1928	7	8	3	3	7	8	3	4	0	0	Sile nuta
	Silene otites	1929	8	8	2	3	7	7 +	2	2	0	0	Sile otit
	Silene uniflora	1926	9	8	5	6	8	6 ✗	2	4 ✗	0	3 +	Sile unif
	Silene vulgaris	1923	8	7	4	4	7	8	4	5 +	0	0	Sile vulg
①	*Silybum marianum*	1930	–	8 +	–	4 +	–	8 +	–	6 +	–	1 +	Sily mari
④	*Simethis planifolia*	1931	–	7 +	–	5 +	–	4 +	–	3 +	–	0	Sime plan
①	*Sinapis alba*	1932	–	7	–	4	–	7	–	6	–	0	Sina alba
	Sinapis arvensis	1933	–	8 +	–	5	–	7	–	7	–	0	Sina arve
	Sison amomum	1934	–	7	–	4	–	7	–	5 +	–	0	Siso amom
①	*Sisymbrium altissimum*	1935	8	8	4	5	7	6	4	4	0	0 +	Sisy alti
	Sisymbrium officinale	1938	8	7	4	4	•	7	7	7	0	0	Sisy offi
①	*Sisymbrium orientale*	1939	–	7	–	4 +	–	7	–	5	–	0	Sisy orie
④	*Sisyrinchium bermudiana*	1942	–	8 +	–	8 +	–	6 +	–	3 +	–	0	Sisy berm
	Sium latifolium	1944	7	7	10	10 +	7	7	7	7 +	0	0	Sium lati
①	*Smyrnium olusatrum*	1945	–	7	–	5	–	7	–	7	–	0	Smyr olus
	Solanum dulcamara	1947	7	7	8	8	•	7	8	7 +	0	0	Sola dulc
	Solanum nigrum	1949	7	7	5	5	7	7	8	8 +	0	0	Sola nigr
①	*Solanum sarachoides*	1946	8	7	3	4	7	7	5	7 ✗	0	0	Sola sara
①	*Solanum tuberosum*	4360	–	7	–	4	–	6 +	–	7	–	0	Sola tube

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①	*Soleirolia soleirolii*	965	–	4 +	–	8 +	–	7 +	–	6 +	–	0	Sole sole
①	*Solidago canadensis*	2251	8	8	•	5	•	6 +	6	6 +	0	0	Soli cana
①	*Solidago gigantea*	2434	8	8 ✓	6	5 +	•	5 +	7	6 +	•	0	Soli giga
	Solidago virgaurea	1951	5	5	5	5	•	4	4	3	0	0	Soli virg
	Sonchus arvensis	1952	7	8	5	6	7	7	•	6	1	1	Sonc arve
	Sonchus asper	1953	7	7	6	5	7	7	7	6	1	0	Sonc aspe
	Sonchus oleraceus	1954	7	7	4	5	8	7	8	7 +	0	0	Sonc oler
	Sonchus palustris	1955	7	7 +	8	8 +	7	7	7	7 +	1	1 +	Sonc palu
③	*Sorbus anglica*	1956	–	6 +	–	4 +	–	8 +	–	4 +	–	0	Sorb angl
	Sorbus aria	1958	6	6 +	4	4	7	7 +	3	4	0	0	Sorb aria
③	*Sorbus arranensis*	1959	–	7 +	–	4 +	–	4 +	–	3 +	–	0	Sorb arra
	Sorbus aucuparia	1960	6	6 +	•	6	4	3	•	4	0	0	Sorb aucu
③	*Sorbus bristoliensis*	1961	–	6 +	–	4 +	–	8 +	–	4 +	–	0	Sorb bris
③	*Sorbus devoniensis*	1962	–	6 +	–	5 +	–	6 +	–	5 +	–	0	Sorb devo
	Sorbus domestica	1963	4	6 +	4	4 ✓	8	8 ✓	3	3 ✓	0	0 ✓	Sorb dome
③	*Sorbus eminens*	1964	–	6 +	–	5 +	–	7 +	–	5 +	–	0	Sorb emin
③	*Sorbus hibernica*	1965	–	6 +	–	5 +	–	7 +	–	5 +	–	0	Sorb hibe
①	*Sorbus intermedia*	1966	6	6	•	6	•	8	•	7 +	0	0	Sorb inte
③	*Sorbus lancastriensis*	1967	–	8 +	–	4 +	–	7 +	–	3 +	–	0	Sorb lanc
③	*Sorbus leptophylla*	1969	–	5 +	–	5 +	–	7 +	–	5 +	–	0	Sorb lept
③	*Sorbus leyana*	1970	–	7 +	–	5 +	–	8 +	–	4 +	–	0	Sorb leya
③	*Sorbus minima*	1971	–	6 +	–	4 +	–	8 +	–	3 +	–	0	Sorb mini
③	*Sorbus porrigentiformis*	1972	–	7 +	–	5 +	–	7 +	–	5 +	–	0	Sorb porr
③	*Sorbus pseudofennica*	1973	–	7 +	–	4 +	–	4 +	–	3 +	–	0	Sorb pseu
	Sorbus rupicola	1974	–	8 +	–	4 +	–	7 +	–	3 +	–	0	Sorb rupi
③	*Sorbus subcuneata*	1976	–	6 +	–	5 +	–	4 +	–	4 +	–	0	Sorb subc
	Sorbus torminalis	1977	4	4	4	5	7	6 +	4	5 +	0	0	Sorb torm
③	*Sorbus vexans*	1979	–	6 +	–	5 +	–	4 +	–	4 +	–	0	Sorb vexa
③	*Sorbus wilmottiana*	2272	–	6 +	–	4 +	–	8 +	–	3 +	–	0	Sorb wilm
	Sparganium angustifolium	1980	8	8 +	11	11	3	4 +	1	2 +	0	0	Spar angu
	Sparganium emersum	1983	7	7	10	11	6	7	7	6	0	0 +	Spar emer
	Sparganium erectum	1981	7	7	10	10 +	7	7	7	7	0	0	Spar erec
	Sparganium natans	1982	7	7	11	11	5	6	3	3	0	0	Spar nata
①	*Spartina alterniflora*	1984	–	9 +	–	10	–	8 +	–	7	–	7 +	Spar alte
③	*Spartina anglica*	2278	–	9	–	9	–	8	–	6	–	7 +	Spar angl
	Spartina maritima	1985	–	9 +	–	9	–	8	–	5	–	6 +	Spar mari
	Spergula arvensis	1987	–	7	–	4	–	5 +	–	5	–	0	Sper arve
	Spergularia bocconei	1989	–	9 +	–	4 +	–	6 +	–	7 +	–	0	Sper bocc
	Spergularia marina	1990	7	8	7	8	9	8	•	6	9	5 +	Sper mari
	Spergularia media	1991	7	8 +	7	8	7	8	5	5	8	5 +	Sper medi
	Spergularia rubra	1992	7	8	5	3 ✗	3	4	4	2 ✗	0	0	Sper rubr
	Spergularia rupicola	1993	–	9	–	6	–	6 +	–	5	–	3 +	Sper rupi
	Spiranthes romanzoffiana	1996	–	8 +	–	8 +	–	6 +	–	4 +	–	0	Spir roma
	Spiranthes spiralis	1997	8	8	4	4	5	6	2	3	0	0	Spir spir
	Spirodela polyrhiza	1127	7	7	11	11	6	7	6	7	1	1 +	Spir poly
	Stachys alpina	1998	7	7 ✓	5	5 ✓	9	8 +	8	7 +	0	0 ✓	Stac alpi
	Stachys arvensis	2001	7	8 +	5	5	3	5 +	6	5	0	0	Stac arve
	Stachys germanica	2002	7	7 ✓	3	3 ✓	8	8 ✓	5	5 ✓	0	0 ✓	Stac germ
	Stachys officinalis	237	7	7 +	•	5	•	5	3	3	0	0	Stac offi
	Stachys palustris	2003	7	7	7	8	7	7	6	7	0	0	Stac palu
	Stachys sylvatica	2005	4	6 ✗	7	6	7	7	7	8	0	0	Stac sylv
⑥	*Stachys x ambigua*	1999	–	7 +	–	6	–	6	–	6	–	1	Stac ambi
	Stellaria graminea	2009	6	7	5	6	4	5	3	4 +	0	0	Stel gram
	Stellaria holostea	2010	5	5	5	5	6	6	5	6	0	0	Stel holo
	Stellaria media	2012	6	7	•	5	7	6	8	7	0	0	Stel medi
	Stellaria neglecta	2013	–	6 +	–	7	–	6 +	–	7	–	0	Stel negl
	Stellaria nemorum	2014	4	4 +	7	6	5	6 +	7	7 +	0	0	Stel nemo
	Stellaria pallida	2008	–	7 +	–	4 +	–	4 +	–	4 +	–	0	Stel pall
	Stellaria palustris	2015	5	7 ✗	9	8	4	6 ✗	2	4 +	0	0	Stel palu

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	Stellaria uliginosa	2007	5	7 ✗	8	8	4	5	4	5	0	0	Stel ulig
	Stratiotes aloides	2017	7	7	11	11	8	7	6	6	0	1	Stra aloi
	Suaeda maritima	2019	8	9	8	8	7	8	7	6	8	7 +	Suae mari
	Suaeda vera	2018	–	9	–	7	–	8	–	5	–	5 +	Suae vera
	Subularia aquatica	2020	8	7	10	11	2	5 ✶	1	2	0	0	Subu aqua
	Succisa pratensis	2021	7	7	7	7	•	5 +	2	2	0	0	Succ prat
①	*Symphoricarpos albus*	2022	–	5	–	5	–	6	–	7	–	0	Symp albu
	Symphytum officinale	2024	7	7	7	7	•	7	8	8 +	0	0	Symp offi
①	*Symphytum orientale*	2026	–	6 +	–	4 +	–	7 +	–	6 +	–	0	Symp orie
	Symphytum tuberosum	2028	4	6 ✗	6	6 +	7	6	5	6	0	0	Symp tube
①	*Symphytum uplandicum*	2025	–	6	–	5	–	7	–	7	–	0	Symp upla
①	*Syringa vulgaris*	2029	–	6	–	5	–	6	–	5	–	0	Syri vulg
	Tamus communis	2032	6	6	5	5	8	7	5	6	0	0	Tamu comm
①	*Tanacetum parthenium*	503	–	7	–	4	–	7	–	6 +	–	0	Tana part
	Tanacetum vulgare	2033	8	7	5	6	8	7	5	7 ✗	0	0	Tana vulg
	Taraxacum officinale agg.	2034	7	7	5	5	•	7	7	6 +	1	1 +	Tara offi
	Taxus baccata	2039	4	4 +	5	4	7	7	•	5	0	0	Taxu bacc
	Teesdalia nudicaulis	2041	8	8	3	3	1	2 +	1	2	0	0	Tees nudi
①	*Tellima grandiflora*	2435	–	3 +	–	8 +	–	6 +	–	4 +	–	0	Tell gran
	Tephroseris integrifolia	5397	7	7	4	3	8	8	•	3	0	0	Teph inte
	Teucrium botrys	2043	9	9 ✓	2	2 ✓	8	8 ✓	2	2 ✓	0	0 ✓	Teuc botr
	Teucrium chamaedrys	2044	7	8 +	2	2 ✓	8	8 ✓	1	1 ✓	0	0 ✓	Teuc cham
	Teucrium scordium	2045	7	7 ✓	8	8 ✓	8	8 ✓	4	4 ✓	1	1 ✓	Teuc scum
	Teucrium scorodonia	2046	6	6 +	4	4	2	4 ✗	3	3	0	0	Teuc scor
	Thalictrum alpinum	2047	–	8	–	7	–	6	–	3	–	0	Thal alpi
	Thalictrum flavum	2048	7	7	8	8 +	8	7	5	5	0	0	Thal flav
	Thalictrum minus	2049	6	7	3	4	8	6 ✗	3	3	0	0	Thal minu
	Thelypteris palustris	2052	5	6 +	8	8 +	5	7 ✗	6	5	0	0	Thel palu
	Thesium humifusum	2055	–	8 +	–	3	–	8	–	3	–	0	Thes humi
	Thlaspi arvense	2058	6	7	5	4	7	7	6	6	0	0	Thla arve
	Thlaspi caerulescens	2057	8	8	5	4	6	6	1	1	0	0	Thla caer
	Thlaspi perfoliatum	2059	8	8 ✓	4	4 ✓	8	8 ✓	2	2 ✓	0	0 ✓	Thla perf
①	*Thuja plicata*	2403	–	4	–	5	–	5 +	–	4	–	0	Thuj spp.
	Thymus polytrichus	2060	8	8	3	4	8	6 +	1	2	0	0	Thym poly
	Thymus pulegioides	2061	8	8	4	4	•	8	1	2 +	0	0	Thym pule
	Thymus serpyllum	2062	7	8	2	2 +	5	5 +	1	2	0	0	Thym serp
	Tilia cordata	2063	5	5 +	5	5	•	6	5	5	0	0	Tili cord
	Tilia platyphyllos	2064	4	4	6	5	•	7	7	6	0	0	Tili plat
⑥	*Tilia x vulgaris*	2065	–	5	–	5	–	6	–	6	–	0	Tili vulg
	Tofieldia pusilla	2066	8	8	8	9	7	7	1	2	0	0	Tofi pusi
①	*Tolmiea menziesii*	2436	–	3	–	6	–	7	–	7 +	–	0	Tolm menz
②	*Tordylium maximum*	2067	7	7 ✓	3	3 ✓	5	6 +	5	5 ✓	0	0 ✓	Tord maxi
②	*Torilis arvensis*	2068	7	8 +	4	4 ✓	9	8 +	4	4 ✓	0	0 ✓	Tori arve
	Torilis japonica	2069	6	7	5	5	8	7	8	7	0	0	Tori japo
	Torilis nodosa	2070	8	8	4	5	7	7	6	6	0	1 +	Tori nodo
	Tragopogon pratensis	2074	7	8	4	4	7	7	6	5 +	0	0	Trag prat
	Trichomanes speciosum	2075	–	2 +	–	7 +	–	7 +	–	3 +	–	0	Tric spec
	Trichophorum cespitosum	1858	8	8	9	8	1	2	1	1	0	0	Tric cesp
	Trientalis europaea	2076	5	5	•	6	3	3	2	3	0	0	Trie euro
	Trifolium arvense	2077	8	9	3	3 +	2	5 +	1	2 +	0	1	Trif arve
	Trifolium bocconei	2079	–	9 +	–	4 +	–	5 +	–	2 +	–	0	Trif bocc
	Trifolium campestre	2080	8	8	4	4	6	6	3	4	0	0	Trif camp
	Trifolium dubium	2081	6	7	4	4	6	6	4	5	0	0	Trif dubi
	Trifolium fragiferum	2083	8	8	7	7	8	7	7	6 +	4	2 +	Trif frag
	Trifolium glomeratum	2084	–	9 +	–	3 +	–	5 +	–	2 +	–	0	Trif glom
①	*Trifolium hybridum*	5459	7	7	6	5	7	7	5	6	0	0	Trif hybr
	Trifolium incarnatum	7649	–	8	–	2 +	–	5 +	–	2 +	–	1	Trif inca
	Trifolium medium	2087	7	7	4	4	6	6	3	4	0	0	Trif medi
	Trifolium micranthum	2088	9	8 +	7	5 ✗	•	5	•	5	0	0	Trif micr

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St	Species name	BRC	LO	L	FO	F	RO	R	NO	N	SO	S	Short name
	Trifolium occidentale	2268	–	9	–	4	–	6	–	2	–	3 +	Trif occi
	Trifolium ochroleucon	2090	7	7 ✓	4	5 +	8	8 ✓	2	2 ✓	0	0 ✓	Trif ochr
	Trifolium ornithopodioides	2103	9	9 ✓	3	6 +	•	5 +	•	3 +	0	0 ✓	Trif orni
	Trifolium pratense	2091	7	7	5	5	•	7	•	5	0	0	Trif prat
	Trifolium repens	2092	8	7	5	5	6	6	6	6	1	0	Trif repe
	Trifolium scabrum	2094	9	9	2	3	9	7 ✗	1	2	0	1	Trif scab
	Trifolium squamosum	2095	–	9	–	6 +	–	7 +	–	6	–	3 +	Trif squa
	Trifolium striatum	2097	8	8	3	3	2	5 +	1	2	1	0	Trif stri
	Trifolium strictum	2098	–	9 +	–	2 +	–	5 +	–	2 +	–	0	Trif strc
	Trifolium subterraneum	2099	–	8 +	–	3	–	4	–	2	–	0	Trif subt
	Trifolium suffocatum	2100	–	8 +	–	4 +	–	4	–	2	–	0	Trif suff
	Triglochin maritimum	2101	8	8	7	7	•	7	5	5	8	4 +	Trig mari
	Triglochin palustre	2102	8	8	9	9	•	6	1	2	3	2 +	Trig palu
	Trinia glauca	2104	9	9 +	1	2	8	8	1	1	0	0	Trin glau
	Tripleurospermum inodorum	1241.1	7	8 +	•	5	6	6	6	6	0	0	Trip inod
	Tripleurospermum maritimum	1241.3	7	8 +	•	5	6	6	6	6	0	1	Trip mari
	Trisetum flavescens	2105	7	7	•	4	•	7	5	4	0	0	Tris flav
①	*Triticum aestivum*	4367	–	8 +	–	5	–	7	–	7	–	0	Trit aest
	Trollius europaeus	2106	9	7 +	7	7	6	6	5	4	0	0	Trol euro
①	*Tsuga heterophylla*	2404	–	6	–	6	–	3	–	3	–	0	Tsug hete
	Tuberaria guttata	956	9	9 ✓	2	2 ✓	5	5 ✓	1	1 ✓	0	0 ✓	Tube gutt
	Tussilago farfara	2109	8	7	6	6 +	8	6 ✗	•	6	0	0	Tuss farf
	Typha angustifolia	2110	8	8 +	10	10	7	7	7	7	1	1	Typh angu
	Typha latifolia	2111	8	8	10	10	7	7	8	7	1	0	Typh lati
	Ulex europaeus	2112	7	7	5	5	3	5 ✗	2	3	0	0	Ulex euro
	Ulex gallii	2113	–	7	–	6	–	3	–	2 +	–	0	Ulex gall
	Ulex minor	2114	–	8	–	6	–	1	–	2 +	–	0	Ulex mino
	Ulmus glabra	2119	4	4	6	5	7	7	7	6	0	0	Ulmu glab
	Ulmus minor	2115	5	5 +	•	5	8	7	•	7	0	0	Ulmu mino
③	*Ulmus plotii*	2121	–	5 +	–	5 +	–	7 +	–	7 +	–	0	Ulmu plot
②	*Ulmus procera*	2122	–	5	–	5	–	8	–	6	–	0	Ulmu proc
	Umbilicus rupestris	2125	–	6	–	4	–	5	–	4	–	0	Umbi rupe
	Urtica dioica	2126	•	6	6	6	7	7	9	8 +	0	0	Urti dioi
	Urtica urens	2128	7	8 +	5	5	•	6 +	8	8 +	0	0	Urti uren
	Utricularia australis	2131	9	7 +	12	12 ✓	5	5 ✓	3	3 ✓	0	0 ✓	Utri aust
	Utricularia intermedia	4333	8	8	12	12	8	4 ✶	1	2	0	0	Utri inte
	Utricularia minor	2130	8	8	12	12	6	4 ✗	2	2	0	0	Utri mino
	Utricularia ochroleuca	4334	7	8 +	12	12 ✓	3	3 ✓	1	1 ✓	0	0 ✓	Utri ochr
	Utricularia stygia	4335	–	8 +	–	12 +	–	5 +	–	2 +	–	0	Utri styg
	Utricularia vulgaris	2133	7	7	12	12 +	5	7 +	4	4 +	0	0	Utri vulg
	Vaccinium microcarpum	1418	8	7	9	8 +	1	1	1	1	0	0	Vacc micr
	Vaccinium myrtillus	2136	5	6	•	6	2	2	3	2	0	0	Vacc myrt
	Vaccinium oxycoccos	1419	7	8	9	9	•	2	1	1	0	0	Vacc oxyc
	Vaccinium uliginosum	2137	6	7	•	6	1	2 +	3	2	0	0	Vacc ulig
	Vaccinium vitis-idaea	2138	5	6	4	5	2	2	1	2	0	0	Vacc viti
	Valeriana dioica	2139	7	8	8	8	5	6	2	3	0	0	Vale dioi
	Valeriana officinalis	2140	7	6	8	8 +	7	6	5	5 +	0	0	Vale offi
①	*Valeriana pyrenaica*	2141	–	5	–	7	–	5	–	5	–	0	Vale pyre
	Valerianella carinata	2142	7	8 +	4	4 ✓	8	8 ✓	•	4 +	0	0 ✓	Vale cari
	Valerianella dentata	2143	7	8 +	4	4	7	7	•	4	0	0	Vale dent
②	*Valerianella eriocarpa*	2144	7	8 +	4	3 +	8	8 ✓	3	3 ✓	0	0 ✓	Vale erio
	Valerianella locusta	2145	7	8	5	4	7	6 +	6	4 ✗	0	0	Vale locu
	Valerianella rimosa	2146	6	8 +	4	4 ✓	7	8 +	5	3 +	0	0 ✓	Vale rimo
	Verbascum lychnitis	2149	7	7 ✓	3	3 ✓	7	7 ✓	3	3 ✓	0	0 ✓	Verb lych
	Verbascum nigrum	2150	7	7	5	4	7	7 +	7	6	0	0	Verb nigr
	Verbascum pulverulentum	2153	8	8 ✓	3	3 ✓	9	7 +	5	5 ✓	0	0 ✓	Verb pulv
	Verbascum thapsus	2157	8	7	4	4	7	7	7	5 ✗	0	0	Verb thap
	Verbascum virgatum	2158	–	8 +	–	4 +	–	5 +	–	5 +	–	0	Verb virg
②	*Verbena officinalis*	2159	9	8 +	5	5 ✓	7	7 ✓	7	6 +	0	0 ✓	Verb offi

continued...

St	Species name	BRC	LO	L	FO	F	RO	R	NO	N	SO	S	Short name
	Veronica agrestis	2161	6	7	6	6 +	7	6	7	7 +	0	0	Vero agre
	Veronica alpina	2162	7	8	6	6 +	•	5	3	2	0	0	Vero alpi
	Veronica anagallis-aquatica	2163	7	7	9	10 +	•	7	6	7	0	0	Vero anag
	Veronica arvensis	2165	7	8 +	•	4	6	6	•	5	0	0	Vero arve
	Veronica beccabunga	2166	7	7	10	10 +	7	6	6	6	0	0	Vero becc
	Veronica catenata	2167	8	8	9	10 +	7	7	7	8	0	0	Vero cate
	Veronica chamaedrys	2168	6	6 +	5	5	•	6	•	5	0	0	Vero cham
①	*Veronica filiformis*	2169	7	7	5	6 +	5	7 ✗	7	7	0	0	Vero fili
	Veronica fruticans	2170	8	8	4	5	•	7	2	2	0	0	Vero frut
	Veronica hederifolia	2171	6	6 +	5	5	7	7	7	6	0	0	Vero hede
	Veronica montana	2172	4	4	7	6	5	6	6	6	0	0	Vero mont
	Veronica officinalis	2173	6	6	4	5	3	4	4	4	0	0	Vero offi
①	*Veronica persica*	2175	6	6	5	5	7	7	7	7 +	0	0	Vero pers
	Veronica polita	2176	5	7 ✗	4	4	8	7	7	5 ✗	0	0	Vero poli
②	*Veronica praecox*	2177	8	8 ✓	2	2 ✓	8	8 ✓	1	1 ✓	0	0 ✓	Vero prae
	Veronica scutellata	2179	8	8	9	9	3	5 ✗	3	3	0	0	Vero scut
	Veronica serpyllifolia	2180	•	7	5	5	5	6	5	5	0	0	Vero serp
	Veronica spicata	2181	7	8	3	3	7	7 +	2	2	0	0	Vero spic
	Veronica triphyllos	2182	6	7	4	4	•	7	4	3 +	0	0	Vero trip
	Veronica verna	2183	8	8 ✓	2	2 ✓	4	5 +	1	1 ✓	0	0 ✓	Vero vern
	Viburnum lantana	2184	7	7 +	4	5	8	7	4	5	0	0	Vibu lant
	Viburnum opulus	2185	6	6 +	•	7	7	6	6	6	0	0	Vibu opul
	Vicia bithynica	2187	–	7 +	–	4 +	–	6 +	–	4 +	–	0	Vici bith
	Vicia cracca	2189	7	7	6	6	•	7	•	5	1	0	Vici crac
①	*Vicia faba*	4366	–	8 +	–	4	–	7	–	7	–	0	Vici faba
	Vicia hirsuta	2191	7	7	4	5	•	6	4	6 ✗	0	0	Vici hirs
	Vicia lathyroides	2194	8	8	2	3	3	5 ✗	2	3	0	0	Vici lath
	Vicia lutea	2195	7	7 ✓	4	4 ✓	7	7 ✓	5	5 ✓	1	1 ✓	Vici lute
	Vicia orobus	2196	7	7 ✓	5	5 ✓	5	5 ✓	3	4 +	0	0 ✓	Vici orob
	Vicia parviflora	2201	7	7 ✓	4	5 +	6	7 +	6	5 +	0	0 ✓	Vici parv
	Vicia sativa	2516	5	7 ✗	•	4	•	7	•	4	0	0	Vici sati
	Vicia sepium	2198	•	6	5	5	6	6	5	6	0	0	Vici sepi
	Vicia sylvatica	2199	7	7	4	5	8	7	•	5 +	0	0	Vici sylv
	Vicia tetrasperma	2202	6	7	5	5	5	7 ✗	5	6	0	0	Vici tetr
①	*Vicia villosa*	2203	7	7	4	4	6	6	5	5	0	0	Vici vill
①	*Vinca major*	2204	–	5	–	6	–	7	–	6	–	0	Vinc majo
①	*Vinca minor*	2205	4	4	5	6	7	7	6	7	0	0	Vinc mino
	Viola arvensis	2206	6	8 +	•	4	•	6	•	6	0	0	Viol arve
	Viola canina	2207	7	8	4	4	3	5 ✗	2	2	0	0	Viol cani
	Viola hirta	2210	6	7	3	4	8	8	3	2	0	0	Viol hirt
	Viola kitaibeliana	2213	–	9 +	–	3 +	–	5 +	–	2 +	–	1 +	Viol kita
	Viola lactea	2211	–	7	–	6 +	–	2	–	2 +	–	0	Viol lact
	Viola lutea	2212	8	8	4	5	8	5 ✶	1	2	0	0	Viol lute
	Viola odorata	2214	5	5	5	5	•	7	8	7	0	0	Viol odor
	Viola palustris	2215	6	7	9	9 +	2	3	3	2	0	0	Viol palu
	Viola persicifolia	2216	6	7 +	8	8 ✓	6	7 +	3	3 ✓	0	0 ✓	Viol pers
	Viola reichenbachiana	2217	4	4 +	5	6	7	7 +	6	5	0	0	Viol reic
	Viola riviniana	2218	5	6	4	5	4	5	•	4	0	0	Viol rivi
	Viola rupestris	2219	6	8 ✗	3	3 +	8	8 +	2	2 +	0	0	Viol rupe
	Viola tricolor	2220	7	8	4	4	•	6	•	4	0	0	Viol tric
	Viscum album	2223	7	7 ✓	•	5 +	•	6 +	•	5 +	0	0 ✓	Visc albu
	Vulpia bromoides	2226	9	8	3	4	4	5	1	3 ✗	0	0	Vulp brom
	Vulpia ciliata	5468	–	9 +	–	2 +	–	7 +	–	2 +	–	1 +	Vulp cili
	Vulpia fasciculata	2227	–	9 +	–	3	–	7 +	–	2 +	–	1 +	Vulp fasc
	Vulpia myuros	2228	8	8 +	2	3 +	5	6	1	3 +	0	0	Vulp myur
	Vulpia unilateralis	2263	–	9 +	–	3 +	–	8 +	–	2 +	–	0	Vulp unil
	Wahlenbergia hederacea	2230	6	6 +	9	8	4	3	3	3 +	0	0	Wahl hede
	Wolffia arrhiza	2231	7	7	11	11 +	7	7 +	6	7	0	0	Wolf arrh
	Woodsia alpina	2232	9	7 +	4	4 ✓	4	8 +	2	2 ✓	0	0 ✓	Wood alpi

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St	Species name	BRC	LO	L	FO	F	RO	R	NO	N	SO	S	Short name
	Woodsia ilvensis	2233	7	7 ✓	3	3 ✓	3	5 +	2	2 ✓	0	0 ✓	Wood ilve
	Zannichellia palustris	2237	6	7	12	12 +	8	8 +	8	7 +	5	2 +	Zann palu
①	*Zea mays*	4439	–	8	–	3	–	8	–	7	–	0	Zea mays
	Zostera angustifolia	2238	–	7 +	–	12 +	–	8 +	–	5 +	–	8 +	Zost angu
	Zostera marina	2239	6	6 +	12	12 +	7	8 +	6	6 +	8	8 +	Zost mari
	Zostera noltii	2240	7	8	12	12 +	7	8 +	5	5 +	8	8 +	Zost nolt

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