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Diagnostic, constant and dominant species of vegetation classes and alliances of the Czech Republic: a statistical revision

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Masaryk University
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ABSTRACT

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Diagnostic (character, differential) species are species with a distinct concentration of occurrence or abundance in a particular vegetation unit. These species are valuable for identification of earlier described vegetation units in field survey or monitoring projects. The standard vegetation classification of the Czech Republic (MORAVEC et al. 1995) lists groups of diagnostic species for phytosociological alliances and suballiances; however, these lists are based on expert knowledge and involve many inconsistencies. In the present study, we used a geographically stratified data set of 21,794 phytosociological relevés selected from the Czech National Phytosociological Database to define diagnostic species for all phytosociological classes, alliances and suballiances of the standard national vegetation classification in a consistent way, with statistical methods. Diagnostic species were defined from this data set as those exceeding the selected threshold of statistical fidelity to vegetation units. Fidelity was calculated as the Phi coefficient, which measures statistical association between vegetation units and species occurrences. In addition, we determined constant species, i.e. those with frequent occurrence, and dominant species, i.e. those frequently attaining a high cover in particular vegetation units.

Having determined diagnostic species, we were able to evaluate the quality of delimitation of classes, alliances and suballiances of the standard national classification. We used two criteria of quality, sharpness and uniqueness, both based on diagnostic species. Sharpness of a vegetation unit was defined as a proportion or quality of its diagnostic species relative to the average species richness of its relevés. The sharpest vegetation units mainly included the major types of natural and semi-natural vegetation of Central Europe. By contrast, low sharpness was detected for those vegetation units which are either fragmentarily developed in the Czech Republic (though well-developed abroad) or poorly delimited in their entire geographic range. Uniqueness of a vegetation unit corresponded to the relative number of its diagnostic species which were not simultaneously diagnostic for other vegetation units. Low uniqueness indicated those vegetation units which could be possibly merged with some other units. The analysis of sharpness and uniqueness identified well defined and poorly defined vegetation units of the standard national vegetation classification. In such a way, it suggested possibilities of alternative delimitations of some vegetation units in a future revision of this classification.

Keywords: Braun-Blanquet approach, phytosociology, plant communities, vegetation survey.

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INTRODUCTION

Diagnostic species is a central concept in vegetation or habitat classification based on species composition. Diagnostic species, as well as a family of closely related and largely overlapping terms such as character, differential and indicator species, can be broadly defined as species with a distinct concentration of occurrence or abundance in a particular vegetation (habitat, community) type. In addition to the species of high frequency (constant species) and species of high cover-abundance (dominant species), diagnostic species are of crucial importance for identification of earlier described vegetation units in field survey or monitoring projects.

The history of diagnostic species dates back to BROCKMANN-JEROSCH (1907) who defined character species as species restricted to a particular vegetation unit. KOCH (1926) introduced the notion of differential species whose occurrence is markedly concentrated in more than one vegetation unit, but which are still useful for delimitation of these units against some others. The concept of diagnostic (character, differential) species was associated with the concept of fidelity, i.e. species occurrence or abundance concentration in a particular vegetation unit. Early approaches to fidelity determination were intuitive (SZAFER & PAWŁOWSKI 1927) and later attempts to develop a statistical basis for fidelity determination (GOODALL 1953, JUHÁSZ-NAGY 1964) were neglected by most vegetation scientists. Only recently, statistical measures of fidelity are becoming more widespread, mainly due to new software developments (VAN DER MAAREL et al. 1978, BRUELHEIDE 1995, 2000, DUFRÊNE & LEGENDRE 1997, BOTTA-DUKÁT & BORHIDI 1999, CHYTRÝ et al. 2002).

In the first half of the 20th century, the pioneer times of Central European phytosociology, character species were usually being determined in restricted areas. With further data accumulation, it turned out that most of the earlier defined character species also occurred in very different vegetation types in other areas. These developments resulted in the "crisis of character species" (ELLENBERG 1954) and abandonment of earlier strict demands on the presence of well-defined character species in every vegetation unit. Some authors suggested to remedy this issue by restricting the validity of character species to areas with uniform climate or to broadly-defined vegetation formations such as woodland or herbaceous vegetation. Later on, concepts of diagnostic species (WHITTAKER 1962, WESTHOFF & VAN DER MAAREL 1973) or characteristic species combination (already proposed by BRAUN-BLANQUET 1925) started to gradually replace the concepts of strictly defined character and differential species. Although the definitions of these terms varied slightly among authors, diagnostic species were mostly understood as coupled character and differential species and the characteristic species combination as combined character species, differential species and species with higher constancy. As a result, most of the newly described vegetation units

no longer contained true character species. These developments resulted in an enormous increase of newly described vegetation units which were poorly defined in terms of species composition (PIGNATTI 1968).

In the Czech Republic (and former Czechoslovakia), the first lists of vegetation units were compiled by Jaromír Klika, partly in cooperation with Emil Hadač (KLIKA & NOVÁK 1941, KLIKA & HADAČ 1944, KLIKA 1948, 1955). They included diagnostic species for classes, orders and alliances, without distinguishing character and differential species. In the next survey of vegetation units, HOLUB et al. (1967) listed "groups of indicator species" (including character species, differential species and species of higher constancy) for alliances and suballiances but not for classes and orders. The latest list of vegetation units, published in two editions (MORAVEC et al. 1983, 1995), lists "groups of diagnostic species" for alliances and suballiances (again, not for classes and orders). The authors claim that these groups contain only character and differential species (MORAVEC et al. 1983: 5) but it is evident that for some alliances, they also contain species with a high frequency which are hardly character or differential species. An obvious disadvantage of all the lists published so far has been a high degree of subjectivity in selection of diagnostic species and inability to differentiate between true diagnostic species and species with high frequency but low diagnostic value. As a result, it is difficult to distinguish well and poorly delimited vegetation units.

The purpose of the present paper is to revise the previous lists of diagnostic species for the Czech Republic and eliminate inconsistencies using a formal, statistical approach for determining diagnostic species, which is based entirely on the data. We focus on the phytosociological ranks of classes, alliances and suballiances, but not on orders due to their negligible practical value in the vegetation classification hierarchy at the national scale. As most classes in the Czech Republic include only one to three orders and most orders include only one to three alliances, it is clear that the orders just contribute to an unnecessary complexity of the classification hierarchy.

We use three starting points. The first is the Czech National Phytosociological Database (CHYTRÝ 1997, CHYTRÝ & RAFAJOVÁ 2003) which includes more than 50 thousand phytosociological relevés and reasonably represents the variability of vegetation in the Czech Republic. The second starting point is the standard list of Czech vegetation units by MORAVEC et al. (1995), with some units revised by MORAVEC (1998–2000). We do not attempt to create a new classification of Czech vegetation in the current study. Rather, we want to determine or revise diagnostic species for the vegetation units delimited in the standard list and to discriminate between well-defined and poorly-defined units. As a link between the relevés stored in the database and the standard vegetation classification, we take the assignment of relevés to the vegetation units by their original authors. In such a way, we hope to summarize collective ideas of the Czech vegetation scientists about the delimitation of vegetation units. The third starting point is the statistical approach to determination of diagnostic species by measuring fidelity, as proposed by CHYTRÝ et al. (2002). Statistical fidelity measurements enable us to calculate species concentration in vegetation units, and to compare diagnostic values among species in a particular vegetation unit.

To provide a more comprehensive characterization of each vegetation unit, we also add constant species, i.e. species with high occurrence frequency in the given vegetation unit, and dominant species, i.e. species which often attain high cover values in the given vegetation unit. Some species may be both diagnostic and constant; however, quite often a species may be diagnostic but not constant if it is rather rare in the vegetation unit and almost absent elsewhere, or conversely, a species may be constant but not diagnostic if it is common both in the vegetation unit and elsewhere. Dominant species can be also diagnostic or constant at the same time, but it is not always the case.

The present study has the following objectives: (1) to provide reliable floristic criteria for identification of the major syntaxa of the currently accepted standard vegetation classification of the Czech Republic; (2) to define syntaxonomical affinities of the species of Czech flora; (3) to evaluate the quality of delimitation of the currently accepted syntaxa, in particular to identify poorly delimited syntaxa which could be possibly eliminated from the future schemes of vegetation classification in this country.

DATA SET

The basic source of the data was the Czech National Phytosociological Database (www.sci.muni.cz/botany/database.htm; CHYTRÝ 1997, CHYTRÝ & RAFAJOVÁ 2003). On 1 July 2002, when the data set for analysis was selected, there were 53,097 relevés from the territory of the Czech Republic available in the database program TURBOVEG (HENNEKENS & SCHAMINÉE 2001). If possible, these relevés were assigned to syntaxa according to the original papers, using the syntaxonomic scheme and nomenclature as accepted by MORAVEC et al. (1995) and MORAVEC (1998–2000) (Appendix 1). From this database, we first eliminated 636 relevés taken in plots of extreme size, i.e. $< 50 \text{ m}^2$ or $> 1000 \text{ m}^2$ for forests, $< 10 \text{ m}^2$ or $> 100 \text{ m}^2$ for scrub, and $< 4 \text{ m}^2$ or $> 100 \text{ m}^2$ for herbaceous vegetation. Second, we deleted 12,740 relevés not assigned to syntaxa or lacking sufficiently accurate indication of locality. Geographical distribution of the remaining relevés was irregular: besides several over-sampled areas there were areas with few or no available relevés (CHYTRÝ & RAFAJOVÁ 2003). To avoid the overriding influence of the over-sampled areas on the results, we made a geographically stratified selection of the data, taking only one relevé of each syntaxon per grid square of 1.25 longitudinal \times 0.75 latitudinal minute (ca. 1.5×1.4 km). These grid squares were derived by dividing the standard grid square used for floristic mapping in Central Europe into 8×8 smaller fields. If two or more relevés of the same association were encountered in the same grid square, selection priority was given to the relevés with recorded cryptogams and to newer relevés. If this selection still yielded more than one relevé, one of them was selected at random. This selection yielded 21,794 relevés which were used for the determination of diagnostic, constant, and dominant species.

We deleted all occurrences of juvenile trees or shrubs in the herb layer and merged tree-layer and shrub-layer records. We also merged shrub-layer and herb-layer records for low woody or tall herbaceous species (e.g. *Calluna vulgaris*, *Cotoneaster* spp., *Daphne mezereum*, *Prunus fruticosa*, *Reynoutria* spp., *Rosa gallica*, *Rubus* spp., *Sambucus ebulus*), and tree-layer, shrub-layer, and herb-layer records for lianas (e.g. *Clematis vitalba*, *Hedera helix*, *Humulus lupulus*, *Solanum dulcamara*). As a result, every species was represented only once in the data set, which means that our analysis does not consider multiple occurrences of a single species in several vegetation layers. Further, we deleted crop plants which were recorded in some relevés of weed vegetation.

Bryophytes, macrolichens and macroalgae were retained in the data set, despite the fact that they were not recorded in some relevés. This must be taken into account in interpretation of the results. Assuming that the percentage of relevés without or with poor cryptogam records is roughly constant across the syntaxa, the effect of missing cryptogam data may only slightly influence the fidelity values for cryptogams, most probably by a moderate underestimation for constant species. However, it is clear that the values of constancy and dominance for all cryptogams will be strongly underestimated.

All the species with a single occurrence in the data set were deleted in order to eliminate the effect of random events on the results. No relevés were available for the alliances *Charion canescentis*, *Isoëtium lacustris*, *Salicion eleagno-daphnoidis*, *Balloto nigrae-Robinion* and *Scleranthion annui*, therefore these alliances were not included in the analysis. Some alliances, e.g. *Androsacion alpinae*, *Salicion herbaceae*, *Nitellion flexilis*, and *Charion fragilis* were represented by only one or two relevés. These alliances were retained in the analysis, but the results yielded for them may be unreliable due to random effects.

A crucial procedure was equalization of taxonomic concepts used by different authors. In those taxa which are frequently recorded *sensu lato* or where the identifications of *sensu stricto* taxa tend to be erroneous, we subsumed all the *sensu stricto* records under the superior *sensu lato* taxon. In spite of this fact, it is important to note that the results yielded for taxonomically critical species can be biased and should be interpreted with caution. Nomenclature follows KUBÁT (2002), FREY et al. (1995), and VĚZDA & LIŠKA (1999).

The following broadly-conceived taxa were defined (including the taxa which did not appear in the output):

- Achillea millefolium* agg. – including *A. asplenifolia*, *A. collina*, *A. millefolium*,
A. pannonica, *A. pratensis*, *A. setacea*
- Aethusa cynapium* agg. – *A. cynapioides*, *A. cynapium*
- Alchemilla vulgaris* agg. – all *Alchemilla* species except *A. glaucescens*
- Anthoxanthum odoratum* agg. – *A. alpinum*, *A. odoratum*
- Arabis hirsuta* agg. – *A. hirsuta*, *A. nemorensis*, *A. sagittata*, *A. sudetica*
- Arenaria serpyllifolia* agg. – *A. leptoclados*, *A. patula*, *A. serpyllifolia*
- Arum maculatum* agg. – *A. cylindraceum*, *A. maculatum*
- Aster novi-belgii* agg. – *A. lanceolatus*, *A. novi-belgii*

Bolboschoenus maritimus agg. – all *Bolboschoenus* species except *B. glaucus*
Campanula rotundifolia agg. – *C. gentilis*, *C. moravica*, *C. rotundifolia* (*C. bohemica*
 and *C. gelida* were treated as separate species)
Cardamine pratensis agg. – *C. dentata*, *C. matthioli*, *C. pratensis*
Carex atrata agg. – *C. aterrima*, *C. atrata*
Carex muricata agg. – *C. chabertii*, *C. contigua*, *C. divulsa*, *C. muricata*, *C. pairae*,
C. polyphylla
Cerastium pumilum agg. – *C. glutinosum*, *C. pumilum*
Chenopodium album agg. – *C. album*, *C. opulifolium*, *C. pedunculare*, *C. strictum*,
C. suecicum
Cladonia chlorophaea agg. – *C. chlorophaea*, *C. cryptochlorophaea*, *C. grayi*,
C. merochlorophaea
Cladonia gracilis agg. – *C. gracilis*, *C. macroceras*
Cladonia pyxidata agg. – *C. pocillum*, *C. pyxidata*
Dactylorhiza fuchsii agg. – *D. fuchsii*, *D. maculata*
Dianthus carthusianorum agg. – *D. carthusianorum*, *D. pontederacae*
Dorycnium pentaphyllum agg. – *D. germanicum*, *D. herbaceum*
Dryopteris filix-mas agg. – *D. affinis*, *D. filix-mas*
Eleocharis palustris agg. – *E. mamillata*, *E. palustris*, *E. uniglumis*
Erophila verna agg. – *E. spathulata*, *E. verna*
Erysimum hieracifolium agg. – *E. durum*, *E. hieracifolium*
Euphrasia stricta agg. – *E. stricta*, *E. tatarica*
Festuca rubra agg. – *F. diffusa*, *F. nigrescens*, *F. rubra*
Galeobdolon luteum agg. – *G. argentatum*, *G. luteum*, *G. montanum*
Galium mollugo agg. – *G. album*, *G. mollugo*
Galium palustre agg. – *G. elongatum*, *G. palustre*
Galium pumilum agg. – *G. austriacum*, *G. pumilum*, *G. sudeticum*, *G. valdepilosum*
Galium verum agg. – *G. x pomeranicum*, *G. verum*, *G. wirtgenii*
Gentianella germanica agg. – *G. germanica*, *G. lutescens*, *G. praecox*
Glechoma hederacea agg. – *G. hederacea*, *G. hirsuta*
Gymnadenia conopsea agg. – *G. conopsea*, *G. densiflora*
Hieracium sabaudum agg. – *H. racemosum*, *H. sabaudum*
Hypnum cupressiforme agg. – *H. cupressiforme*, *H. lacunosum*
Juncus bufonius agg. – *J. bufonius*, *J. minutulus*, *J. ranarius*
Knautia arvensis agg. – *K. arvensis*, *K. kitaibelii*
Leucanthemum vulgare agg. – *L. ircutianum*, *L. vulgare*
Leucobryum glaucum agg. – *L. glaucum*, *L. juniperoideum*
Luzula campestris agg. – *L. campestris*, *L. divulgata*, *L. multiflora*, *L. pallescens*,
L. sudetica
Malus sylvestris agg. – *M. domestica*, *M. sylvestris*
Molinia caerulea agg. – *M. arundinacea*, *M. caerulea*
Montia fontana agg. – *M. fontana*, *M. hallii*

Myosotis palustris agg. – *M. brevisetacea*, *M. caespitosa*, *M. nemorosa*, *M. palustris*
Oenothera biennis agg. – *O. acutifolia*, *O. biennis*, *O. glazioviana*, *O. salicifolia*
Onobrychis viciifolia agg. – *O. arenaria*, *O. viciifolia*
Ornithogalum umbellatum agg. – *O. kochii*, *O. umbellatum*
Oxycoccus palustris agg. – *O. microcarpus*, *O. palustris*
Papaver dubium agg. – *P. confine*, *P. dubium*, *P. lecoqii*
Paraleucobryum longifolium agg. – *P. longifolium*, *P. sauteri*
Phleum pratense agg. – *P. bertolonii*, *P. pratense*
Pinus mugo agg. – *P. mugo*, *P. x pseudopumilio*
Plagiomnium affine agg. – *P. affine*, *P. elatum*, *P. ellipticum*, *P. medium*, *P. rostratum*
Poa pratensis agg. – *P. angustifolia*, *P. pratensis*
Polygala vulgaris agg. – *P. multicaulis*, *P. vulgaris*
Polygonum aviculare agg. – *P. arenastrum*, *P. aviculare*, *P. rurivagum*
Polypodium vulgare agg. – *P. interjectum*, *P. vulgare*
Polytrichum formosum agg. – *P. formosum*, *P. longisetum*, *P. pallidisetum*
Puccinellia distans agg. – *P. distans*, *P. limosa*
Pulmonaria officinalis agg. – *P. obscura*, *P. officinalis*
Quercus petraea agg. – *Q. dalechampii*, *Q. petraea*, *Q. polycarpa*
Quercus pubescens agg. – *Q. pubescens*, *Q. virgiliana*
Ranunculus auricomus agg. – *R. auricomus*, *R. cassubicus*, *R. fallax*
Rhizomnium punctatum agg. – *R. magnifolium*, *R. pseudopunctatum*, *R. punctatum*
Rosa canina agg. – *R. canina*, *R. dumalis*, *R. elliptica*
Rubus fruticosus agg. – all *Rubus* species except for *R. caesius*, *R. chamaemorus*,
R. idaeus, *R. saxatilis*
Salix repens – *S. repens*, *S. rosmarinifolia*
Scilla bifolia agg. – all native *Scilla* species
Senecio nemorensis agg. – *S. germanicus*, *S. hercynicus*, *S. ovatus*
Sorbus aria agg. – *S. aria*, *S. graeca*
Sphagnum capillifolium agg. – *S. capillifolium*, *S. rubellum*
Sphagnum recurvum agg. – *S. angustifolium*, *S. brevifolium*, *S. fallax*, *S. flexuosum*
Stellaria media agg. – *S. media*, *S. neglecta*, *S. pallida*
Symphytum officinale agg. – *S. bohemicum*, *S. officinale*
Veronica chamaedrys agg. – *V. chamaedrys*, *V. vindobonensis*
Veronica hederifolia agg. – *V. hederifolia*, *V. sublobata*, *V. triloba*

Nomenclature of syntaxa, their order and numbering of classes follows MORAVEC et al. (1995), except for the classes *Quercus-Fagetea* and *Quercetia robori-petraeae*, where the nomenclature and delimitation of the units is according to MORAVEC (1998–2000). However, different coding of alliances and suballiances is used, consisting of a two-digit code of class, followed by a one-letter code of order, and a one-letter code of alliance. For example, 21BE is the code of the fifth alliance of the second order of the 21st class. Another capital letter may be added for suballiances, e.g. 26AAB.

DATA ANALYSIS

Determination of diagnostic species

In our statistical approach, we do not distinguish between character and differential species as there is a continual transition between the two. By definition, species indicated as diagnostic for a single vegetation unit can be called character species, while those indicated as diagnostic for more than one vegetation unit should be considered as differential species. However, there is a continuum in fidelity (diagnostic capacity) of species to vegetation units. By applying a stringent criterion for species to be diagnostic (i.e. a high fidelity threshold) we receive a few well-defined diagnostic species. On the other hand, a lax criterion (i.e. a low fidelity threshold) yields more diagnostic species, including those with relatively poor diagnostic capacity. In such a way, with stringent criteria, a species can be diagnostic for a single vegetation unit and considered as its character species. By applying less stringent criteria, however, the same species may appear as diagnostic for several vegetation units, thus switching its status from character to differential species.

The data were analysed in the program JUICE, version 5.1e (TICHÝ 2002), with some routines added, which were developed *ad hoc* for the purpose of the current analysis. Diagnostic species were determined by calculating the Phi coefficient of association between species and vegetation units. The Phi coefficient (SOKAL & ROHLF 1995, CHYTRÝ et al. 2002) is a statistical measure of association between two categories, which can be used as a two-sided measure of fidelity. It is defined as

$$\Phi = \frac{N \cdot n_p - n \cdot N_p}{\sqrt{n \cdot N_p \cdot (N - n) \cdot (N - N_p)}} \quad (\text{Eq. 1})$$

where N is the number of relevés in the data set, N_p is the number of relevés in the particular vegetation unit, n is the number of occurrences of the species in the data set, and n_p is the number of occurrences of the species in the particular vegetation unit. As the Phi coefficient considers only presence/absence, fidelity values calculated using this coefficient are not influenced by species cover or abundance. The values of the Phi coefficient range from -1 to 1 , but they were multiplied by 100 in the output. The highest Phi value of 1 is yielded if the species occurs in all relevés of the vegetation unit and is absent elsewhere. A positive value lower than 1 means that the species is absent from

some relevés of the vegetation unit or present in some relevés outside the vegetation unit. A value of 0 is yielded when the species percentage frequency in the vegetation unit equals the percentage frequency in the rest of the data set. Negative values represent negative fidelity which is not important in the context of the present study. An advantage of the Phi coefficient over some other statistical fidelity measures is its independence of data set size and its robustness with respect to the varying number of relevés per vegetation unit. The threshold value of Phi for species to be considered as diagnostic was set to 0.18. This value was selected subjectively after inspecting the preliminary results, taking into account that slightly lower values were often yielded for many species with rather broad ecological range, while slightly higher values were not exceeded by many ecologically specialized species which are traditionally considered as diagnostic species of some vegetation units. Note that in the given data set, associations between species and vegetation units characterized by $\Phi > 0.18$ are all statistically significant at conventional P levels.

Determination of constant species

Constant species are those with a high occurrence frequency in the given vegetation unit. The threshold frequency values for constant species were selected differently for classes (25 %) and alliances and suballiances (40 %), because the latter are more narrowly conceived, and therefore more homogeneous vegetation units.

Determination of dominant species

In the current study, dominant species were defined as those having a percentage cover higher than 50 % in at least 3 % of relevés. In such a way, species which only rarely or never attain high cover are not included in the output. The species which are ranked among the most abundant in very open vegetation stands are excluded from this definition of dominance.

Evaluation of vegetation units

Statistically determined diagnostic species can be used to evaluate the quality of delimitation of vegetation units. We evaluated vegetation units from two perspectives which will be further referred to as *sharpness* and *uniqueness*.

Sharpness is defined as the number or quality of diagnostic species in a vegetation unit, relative to the average species richness of its stands. A vegetation unit is sharp if a large proportion of its species are confined to it, being mostly absent or rare in other

vegetation units, while it is progressively less sharp if most of its species are generalists frequently found also in other vegetation units. Sharpness Index of vegetation unit j was calculated as

$$S_j = \frac{1 + \sum_i \Phi_{ij} \cdot 100}{R_j} \quad (\text{Eq. 2})$$

where Φ_{ij} is the fidelity of species i to vegetation unit j and R_j is the mean number of species in relevés of vegetation unit j . We calculated the sum of Φ_i over all species occurring in the vegetation unit j with $\Phi_i > 0.05$, while the species not exceeding this threshold value were not considered. This value is lower than the threshold value of $\Phi_i = 0.18$ accepted for diagnostic species in Appendix 2. It is because the lower threshold value yields more diagnostic species which make the calculation of the Sharpness Index more robust. A higher threshold value would yield fewer diagnostic species, which might make the Sharpness Index unstable, especially in the species-poor vegetation units. However, our pilot analyses showed that the general pattern of the Sharpness Index values among vegetation units is little affected by the selected threshold value.

The value of 1 in the numerator of the fraction was added in order to assure a differentiation among the cases in which no species with $\Phi_i > 0.05$ were found. Due to it, species-rich vegetation units without diagnostic species were treated as less sharp than species-poor vegetation units without diagnostic species. The rationale is that a higher species richness implies a higher chance that more species will be included among diagnostic.

The Sharpness Index ranges in the interval $(0; \infty)$ and attains high values for sharp vegetation units and low values for unsharp vegetation units. The highest values of the Sharpness Index are attained if a vegetation unit possesses many diagnostic species with a high diagnostic capacity (i.e. with a high Phi value). Lower, but still rather high values can be yielded either in case of few diagnostic species with a high diagnostic capacity or in case of many diagnostic species with a relatively poor diagnostic capacity.

Uniqueness expresses whether or not there are similar vegetation units of the same rank (e.g. class or alliance). A vegetation unit is unique if none of its diagnostic species has simultaneously diagnostic status in other vegetation units, while its uniqueness decreases if it shares its diagnostic species with other vegetation units. Uniqueness was calculated in two steps.

First, an asymmetric Similarity Index between every pair of vegetation units j and k was calculated as

$$T_{jk} = \frac{\sum_i \Phi_{ij} \cdot \Phi_{ik}}{\sum_i \Phi_{ij}^2} \quad (\text{Eq. 3})$$

where Φ_{ij} is the fidelity of species i to vegetation unit j and Φ_{ik} is the fidelity of species i to vegetation unit k . Also in this case, only species with $\Phi_{ij} > 0.05$ and $\Phi_{ik} > 0.05$ were considered. This index ranges in interval $(0; \infty)$ and yields the highest values for those pairs of vegetation units in which a large proportion of diagnostic species of vegetation unit j is also diagnostic of vegetation unit k . It is an asymmetric similarity measure, because in cases of low number of diagnostic species in vegetation unit j and high number in k , where most of the diagnostic species of j are shared with k , the similarity of j to k is high while the similarity of k to j is moderate. The Similarity Index was calculated separately for all pairs of classes and all pairs of alliances (suballiances). For every pair j and k , two indices were calculated, one for the similarity of j to k and the other for the similarity of k to j .

Second, we calculated the Uniqueness Index for each vegetation unit. The Uniqueness Index of vegetation unit j is defined as

$$U_j = \frac{1}{\sum_k T_{jk}} \quad (\text{Eq. 4})$$

This Uniqueness Index is low for those vegetation units whose diagnostic species are mostly shared with other vegetation units.

RESULTS AND DISCUSSION

Appendix 2 contains a list of statistically determined diagnostic, constant, and dominant species of the vegetation classes, alliances and suballiances of the Czech Republic, ordered according to MORAVEC et al. (1995). It is important to note that the species lists for syntaxa represented by few relevés in our data set may be less reliable, but they are also included in Appendix 2 as they provide at least rough approximation. Appendix 3 contains the same results as Appendix 2 but it is ordered alphabetically by

species. The results show that classes and alliances greatly vary in their quality of delimitation, expressed in terms of diagnostic species.

Evaluation of classes

In Table 1, classes are ranked by decreasing sharpness, i.e. by decreasing proportion or quality of diagnostic species relative to the average species richness of vegetation stands. The sharpest classes mainly include the major types of natural and semi-natural vegetation of Central Europe, such as *Quercus-Fageteta*, *Vaccinio-Piceeteta*, *Molinio-Arrhenathereteta* and *Festuco-Brometeta*. High values of the Sharpness Index are also indicated for classes of aquatic and wetland vegetation, such as *Potameteta*, *Lemneteta*, and *Phragmito-Magnocariceteta*, obviously due to sharp ecological boundary between aquatic and terrestrial environment.

On the other hand, the least sharp classes, i.e. those with few and/or poor diagnostic species, may be divided into two groups. The first group includes classes which are probably rather sharp outside the Czech Republic, but in this country they are only fragmentarily developed and lack many diagnostic species (e.g. *Saliceteta herbaceae*, *Thlaspieteta rotundifolii*, and *Erico-Pineteta*). The second group includes classes which are probably poorly characterized in terms of diagnostic species in their entire geographical range, such as *Robinieteta*, *Agropyreteta repentis*, and *Rhamno-Pruneteta*.

Uniqueness of classes is not correlated with sharpness. Table 1 shows that the highest values of the Uniqueness Index were yielded for rare and species-poor classes confined to stressed habitats, such as *Charetea*, *Parietarieteta*, *Utricularieteta*, *Crypsieteta aculeatae*, *Thero-Salicornieteta strictae*, and *Thero-Suaedeteta*. However, the sharpest classes of species-rich vegetation have also rather high values of the Uniqueness Index, e.g. *Festuco-Brometeta*, *Quercus-Fageteta*, *Secalieteta* and *Molinio-Arrhenathereteta*.

Table 2 shows the classes which are highly similar to some other classes. In some cases, a high similarity is indicated between classes of different structure, e.g. herbaceous vegetation and forest. Examples include a high similarity of the forest clearing class *Epilobieteta angustifolii* or of the shrub vegetation class *Rhamno-Pruneteta* to the deciduous forest class *Quercus-Fageteta*, or a high similarity of the subalpine deciduous scrub class *Betulo carpaticae-Alneteta viridis* to the subalpine tall-forb vegetation class *Mulgedio-Aconiteteta*. A high similarity between these classes in terms of diagnostic species need not be necessarily considered as an argument for merging them, as vegetation structure is traditionally accepted as an important criterion for the delimitation of vegetation classes (WESTHOFF 1967, PIGNATTI et al. 1995). The same holds true for the classes of aquatic vegetation, *Lemneteta* and *Potameteta*, which are similar in diagnostic species but different in structure, the former including pleustonic and the latter mainly submerged vegetation. A similar case is also the high similarity of the *Sedo-Sclerantheteta* to the *Festuco-Brometeta*, as these classes are defined on different spatial scales. Relevés of the former class are often located in small patches with therophytic vegetation, whereas the latter class is usually sampled in larger plots, which include

Table 1. Sharpness Index (*S*) and Uniqueness Index (*U*) for vegetation classes of the Czech Republic, ranked by decreasing values of the Sharpness Index (*S*). Sharpness Index is high if the class has a high proportion of diagnostic species relative to the average richness of its vegetation stands. Uniqueness Index of a class is high if the most of its diagnostic species are unique to this class, being hardly diagnostic for any other class. Seven (fourteen) highest values of the Uniqueness Index are marked by ++ (+), lowest values by -- (-). The number of relevés per class included in the analysis (*n*) indicates the reliability of the results: Sharpness Index and Uniqueness Index may be biased for classes represented by few relevés only.

Class No.	Class name	<i>n</i>	<i>S</i>	<i>U</i>
9	<i>Potametea</i>	725	207.3	0.769 +
26	<i>Festuco-Brometea</i>	2439	178.8	0.752 +
32	<i>Quercu-Fagetea</i>	3797	173.4	0.794 +
44	<i>Secalietea</i>	873	130.2	0.758 +
21	<i>Molinio-Arrhenatheretea</i>	4188	120.2	0.775 +
13	<i>Phragmito-Magnocaricetea</i>	2301	104.1	0.562
35	<i>Vaccinio-Piceetea</i>	689	96.5	0.493 --
19	<i>Scheuchzerio-Caricetea fuscae</i>	809	95.1	0.680
7	<i>Lemnetea</i>	415	91.7	0.625
39	<i>Chenopodietea</i>	560	90.4	0.467 --
20	<i>Oxycocco-Sphagnetea</i>	188	86.9	0.676
12	<i>Isoëto-Nanojuncetea</i>	129	80.7	0.694 +
6	<i>Mulgedio-Aconitetea</i>	260	68.8	0.513 -
25	<i>Sedo-Scleranthetea</i>	323	67.6	0.493 -
1	<i>Asplenietea trichomanis</i>	114	67.6	0.746 +
22	<i>Nardo-Callunetea</i>	724	63.0	0.422 --
38	<i>Bidentetea tripartitae</i>	207	58.8	0.588
41	<i>Galio-Urticetea</i>	632	57.5	0.524 -
43	<i>Plantaginetea majoris</i>	699	57.3	0.621
8	<i>Charetea fragilis</i>	14	56.5	0.980 ++
10	<i>Isoëto-Littorelletea</i>	58	54.5	0.662
15	<i>Thero-Suaedetea</i>	3	54.4	0.826 ++
14	<i>Crypsietea aculeatae</i>	8	53.3	0.847 ++
4	<i>Juncetea trifidi</i>	53	53.1	0.621
18	<i>Montio-Cardaminetea</i>	181	46.7	0.662
17	<i>Festuco-Puccinellietea</i>	22	44.4	0.690
16	<i>Thero-Salicornietea strictae</i>	3	43.7	0.840 ++
23	<i>Koelerio-Corynephoretea</i>	48	43.0	0.535 -
40	<i>Artemisietea vulgaris</i>	142	39.0	0.510 -
33	<i>Quercetea robori-petraeae</i>	282	35.7	0.356 --
24	<i>Festucetea vaginatae</i>	24	33.5	0.625
27	<i>Trifolio-Geranietea sanguinei</i>	163	32.5	0.376 --
31	<i>Alnetea glutinosae</i>	155	31.8	0.575
2	<i>Parietarietea</i>	7	31.2	0.935 ++
30	<i>Salicetea purpureae</i>	53	28.3	0.680
11	<i>Utricularietea</i>	12	26.7	0.901 ++

Table 1 (continued).

Class No.	Class name	<i>n</i>	<i>S</i>	<i>U</i>
37	<i>Epilobietea angustifolii</i>	226	25.0	0.417 --
29	<i>Rhamno-Prunetea</i>	109	20.5	0.541 -
28	<i>Betulo carpaticae-Alnetea viridis</i>	12	18.0	0.606
42	<i>Agropyretea repentis</i>	65	14.7	0.284 --
34	<i>Erico-Pinetea</i>	17	14.6	0.495 -
3	<i>Thlaspietea rotundifolii</i>	26	14.5	0.800 ++
36	<i>Robinietea</i>	36	13.3	0.621
5	<i>Salicetea herbaceae</i>	2	2.2	0.685

Table 2. Classes with the highest similarity to other classes. Couples of classes are ranked by decreasing value of index *T*, which expresses the similarity of the class in the left column to the class in the right column. Only 25 pairs with the highest similarity are shown.

Class 1	Class 2	<i>T</i>
27 <i>Trifolio-Geranietea sanguinei</i>	26 <i>Festuco-Brometea</i>	1.17
39 <i>Chenopodietea</i>	44 <i>Secalietea</i>	0.87
33 <i>Quercetea robori-petraeae</i>	32 <i>Quercu-Fagetea</i>	0.76
42 <i>Agropyretea repentis</i>	40 <i>Artemisietea vulgaris</i>	0.65
25 <i>Sedo-Scleranthetea</i>	26 <i>Festuco-Brometea</i>	0.52
42 <i>Agropyretea repentis</i>	44 <i>Secalietea</i>	0.52
37 <i>Epilobietea angustifolii</i>	32 <i>Quercu-Fagetea</i>	0.49
42 <i>Agropyretea repentis</i>	39 <i>Chenopodietea</i>	0.47
05 <i>Salicetea herbaceae</i>	19 <i>Scheuchzerio-Caricetea fuscae</i>	0.46
07 <i>Lemnetea</i>	09 <i>Potametea</i>	0.39
23 <i>Koelerio-Coryneporetea</i>	24 <i>Festucetea vaginatae</i>	0.38
23 <i>Koelerio-Coryneporetea</i>	25 <i>Sedo-Scleranthetea</i>	0.38
22 <i>Nardo-Callunetea</i>	21 <i>Molinio-Arrhenatheretea</i>	0.34
24 <i>Festucetea vaginatae</i>	23 <i>Koelerio-Coryneporetea</i>	0.34
28 <i>Betulo carpaticae-Alnetea viridis</i>	06 <i>Mulgedio-Aconitetea</i>	0.34
33 <i>Quercetea robori-petraeae</i>	35 <i>Vaccinio-Piceetea</i>	0.32
38 <i>Bidentetea tripartitae</i>	12 <i>Isoëto-Nanojuncetea</i>	0.31
29 <i>Rhamno-Prunetea</i>	32 <i>Quercu-Fagetea</i>	0.30
10 <i>Isoëto-Littorelletea</i>	12 <i>Isoëto-Nanojuncetea</i>	0.28
34 <i>Erico-Pinetea</i>	26 <i>Festuco-Brometea</i>	0.27
36 <i>Robinietea</i>	32 <i>Quercu-Fagetea</i>	0.27
29 <i>Rhamno-Prunetea</i>	26 <i>Festuco-Brometea</i>	0.25
42 <i>Agropyretea repentis</i>	41 <i>Galio-Urticetea</i>	0.25
29 <i>Rhamno-Prunetea</i>	27 <i>Trifolio-Geranietea sanguinei</i>	0.24
40 <i>Artemisietea vulgaris</i>	44 <i>Secalietea</i>	0.24

mosaics of both patches with therophytic vegetation and the surrounding matrix of perennial herbaceous vegetation. On the other hand, a high similarity between some classes of identical structure may suggest that these classes could be merged, e.g. *Trifolio-Geranietea sanguinei* could be included into *Festuco-Brometea*, *Chenopodietea* into *Secalietea* (see recent concepts of a single class called *Stellarietea mediae*, e.g. MUCINA 1993, JAROLÍMEK et al. 1998), *Quercetea robori-petraeae* into *Querceto-Fagetea*, and *Agropyretea repentis* into *Artemisietea vulgaris* or some other class of synanthropic vegetation. High similarities of *Salicetea herbaceae* to *Scheuchzerio-Caricetea fuscae* and of *Koelerio-Corynephoretea* to *Festucetea vaginatae* are obviously artifacts due to fragmentary development of the first and the last of these classes in the Czech Republic.

Evaluation of alliances and suballiances

The sharpest alliances and suballiances (Table 3) include mostly those belonging to the sharpest classes. Of the alliances or suballiances with low values of the Sharpness Index, some would probably be sharp if we took them in their entire geographical range, but in the Czech Republic, they are fragmentarily developed or perhaps erroneously reported in some cases (e.g. *Salicion herbaceae*, *Cardamino-Montion*, *Nardo-Juncion squarrosi*, *Galio-Abietenion*, *Stipion calamagrostis*, *Oxycocco-Ericion*, and *Erico-Pinion*). By contrast, most of the other alliances or suballiances with low values of the Sharpness Index are probably poorly delimited in their entire geographical range. A special case may be heterogeneous alliances which include two or more well-defined habitats characterized by their own groups of diagnostic species. If taken as a single group, these species will have comparatively low values of fidelity to the alliance and the Sharpness Index for the alliance will be rather low.

Similarly as in the analysis of classes, uniqueness was not correlated with sharpness (Table 3). Table 4 lists alliances or suballiances with the highest similarities to some other alliances or suballiances. For some alliances, such as *Oxycocco-Ericion* and others listed in the previous paragraph, the high similarity value clearly results from their fragmentary development or erroneous delimitation in the Czech Republic.

In some other cases, high similarities are indicated between structurally different vegetation types, such as *Rumici-Avenellion flexuosae* and *Piceion excelsae* or *Aegopodion podagrariae* and *Alnion incanae*. However, other high values of similarity suggest reasonable options for assigning some of the poorly defined alliances or suballiances to some others, thus arriving at a system of syntaxonomical classification in which the poorly defined units of higher ranks would be eliminated.

Table 3. Sharpness Index (*S*) and Uniqueness Index (*U*) for vegetation alliances and suballiances of the Czech Republic, ranked by decreasing values of the Sharpness Index (*S*). Sharpness Index is high if the alliance has a high proportion of diagnostic species relative to the average richness of its vegetation stands. Uniqueness Index is high if the most of alliance's diagnostic species are unique to this alliance, being hardly diagnostic for any other alliance. Twenty (forty) highest values of the Uniqueness Index are marked by ++ (+), lowest values by -- (-). The Uniqueness Index was not calculated for suballiances. The number of relevés per alliance or suballiance included in the analysis (*n*) indicates the reliability of the results: Sharpness Index and Uniqueness Index may be biased for classes represented by few relevés only.

Alliance (suball.) code	Alliance (suballiance) name	<i>n</i>	<i>S</i>	<i>U</i>	
26AE	<i>Festucion valesiacae</i>	678	97.7	0.256	
26BA	<i>Bromion erecti</i>	776	94.1	0.383	
44AA	<i>Caucalidion lappulae</i>	373	93.1	0.437	
09AB	<i>Magnopotamion</i>	212	91.1	0.332	
21BB	<i>Calthion</i>	1965	85.8	0.302	
32AB	<i>Carpinion</i>	758	85.8	0.397	
09AA	<i>Nymphaeion albae</i>	171	84.5	0.508	
09ABB	<i>Potamenion lucentis</i>	187	83.7		
32AD	<i>Fagion</i>	977	81.5	0.269	
09BA	<i>Batrachion fluitantis</i>	53	81.2	0.893	++
35AB	<i>Piceion excelsae</i>	380	78.2	0.357	
21BBA	<i>Calthenion</i>	1526	77.6		
09AC	<i>Parvopotamion</i>	130	76.5	0.505	+
26AEA	<i>Festucenion valesiacae</i>	364	74.3		
32AA	<i>Alnion incanae</i>	643	72.1	0.251	-
32ADA	<i>Eu-Fagenion</i>	760	71.4		
26AA	<i>Alysso-Festucion pallentis</i>	250	69.3	0.199	--
44BA	<i>Aphanion</i>	312	69.2	0.347	
20AB	<i>Sphagnion medii</i>	128	64.9	0.459	
12AA	<i>Eleocharition ovatae</i>	90	64.8	0.581	+
13CA	<i>Oenanthion aquaticae</i>	304	64.3	0.433	
32AAA	<i>Alnenion glutinoso-incanae</i>	535	63.6		
07AA	<i>Lemnion minoris</i>	276	62.6	0.420	
19BD	<i>Leuko-Scheuchzerion palustris</i>	43	60.8	0.585	+
38AA	<i>Bidention tripartitae</i>	207	58.8	0.424	
32AC	<i>Tilio-Acerion</i>	422	58.5	0.229	-
09BB	<i>Batrachion aquatilis</i>	87	58.1	0.400	
13AA	<i>Phragmition communis</i>	744	57.8	0.455	
39BA	<i>Fumario-Euphorbion</i>	247	56.8	0.262	
43BA	<i>Polygonion avicularis</i>	334	56.7	0.407	
08BA	<i>Charion asperae</i>	3	55.7	1.000	++
21AA	<i>Arrhenatherion</i>	825	54.8	0.314	
15AA	<i>Thero-Suaedion</i>	3	54.4	0.800	++
07CA	<i>Hydrocharition</i>	96	53.8	0.543	+
14AA	<i>Cypero-Spergularion salinae</i>	8	53.3	0.641	+
10AB	<i>Littorellion uniflorae</i>	58	51.8	0.474	
26AC	<i>Seslerio-Festucion pallentis</i>	117	51.8	0.209	-
26AAA	<i>Alysso-Festucenion pallentis</i>	155	49.4		
32BC	<i>Quercion petraeae</i>	264	48.3	0.248	-

Table 3 (continued).

Alliance (suball.) code	Alliance (suballiance) name	<i>n</i>	<i>S</i>	<i>U</i>	
01AB	<i>Cystopteridion</i>	24	46.4	0.690	++
17BA	<i>Puccinellion limosae</i>	12	46.4	0.552	+
35AA	<i>Dicrano-Pinion</i>	178	45.5	0.271	
39AD	<i>Sisymbrium officinalis</i>	97	45.5	0.348	
04AA	<i>Juncion trifidi</i>	30	45.4	0.366	
18AC	<i>Swertio-Anisothecion squarrosi</i>	23	44.8	0.654	++
13ED	<i>Caricion gracilis</i>	572	44.2	0.350	
23AA	<i>Corynephorion canescentis</i>	48	44.0	0.394	
16AA	<i>Thero-Salicornion strictae</i>	3	43.7	0.613	+
19AD	<i>Caricion demissae</i>	43	43.5	0.568	+
32AE	<i>Luzulo-Fagion</i>	451	43.5	0.176	--
32BA	<i>Quercion pubescenti-petraeae</i>	105	41.8	0.315	
08AA	<i>Nitellion flexilis</i>	2	41.7	0.990	++
21BE	<i>Molinion</i>	420	41.6	0.205	-
20AA	<i>Oxycocco-Empetrium hermaphroditi</i>	32	41.2	0.417	
19AB	<i>Caricion davallianae</i>	146	40.7	0.338	
25BA	<i>Alyso alyssoidis-Sedion albi</i>	58	40.0	0.216	-
26AAB	<i>Potentillo arenariae-Festucenion pallentis</i>	65	39.7		
25AD	<i>Plantagini-Festucion ovinae</i>	75	38.5	0.282	
06BA	<i>Calamagrostion villosae</i>	72	38.4	0.211	-
26BB	<i>Koelerio-Phleion phleoidis</i>	208	37.8	0.165	--
25AC	<i>Hyperico perforati-Scleranthion perennis</i>	140	37.3	0.193	--
43AA	<i>Agropyro-Rumicion crispi</i>	270	37.3	0.257	
08BB	<i>Charion vulgaris</i>	7	36.7	0.806	++
33AA	<i>Genisto germanicae-Quercion</i>	282	35.7	0.216	-
43AAB	<i>Loto-Trifolienion</i>	105	35.2		
01AC	<i>Asplenion serpentini</i>	24	33.8	0.690	++
22BA	<i>Genistion</i>	76	33.8	0.239	-
24AA	<i>Koelerion glaucae</i>	24	33.5	0.543	+
41CB	<i>Arction lappae</i>	97	33.2	0.376	
01CA	<i>Agrostion alpinae</i>	4	32.7	0.610	+
44AB	<i>Sherardion</i>	60	32.4	0.265	
13EC	<i>Caricion rostratae</i>	210	32.0	0.265	
27AA	<i>Geranion sanguinei</i>	111	31.9	0.187	--
21BC	<i>Cnidion venosi</i>	48	31.6	0.408	
32AAB	<i>Ulmenion</i>	77	31.4		
13DB	<i>Sparganio-Glycerion fluitantis</i>	191	31.3	0.446	
22AD	<i>Nardo-Agrostion tenuis</i>	94	31.3	0.261	
02AA	<i>Centrantho-Parietarion</i>	7	31.2	0.877	++
06AA	<i>Adenostylin</i>	53	30.8	0.267	
06AB	<i>Dryopterido-Athyrium</i>	71	30.7	0.204	--
19AE	<i>Drepanocladion exannulati</i>	5	30.5	0.613	+
19AA	<i>Caricion fuscae</i>	203	30.1	0.166	--
22AB	<i>Violion caninae</i>	216	29.8	0.209	-
26ACB	<i>Seslerio-Festucenion pallentis</i>	22	29.8		
31AA	<i>Alnion glutinosae</i>	124	29.8	0.269	
40AB	<i>Dauco-Melilotion</i>	86	29.2	0.355	
13DA	<i>Phalaridion arundinaceae</i>	126	29.0	0.350	
07BA	<i>Utricularion vulgaris</i>	43	28.9	0.442	
26ACC	<i>Cynancho vincetoxici-Seslerienion calcariae</i>	52	28.9		
04AB	<i>Nardo-Caricion rigidae</i>	23	28.8	0.351	

Table 3 (continued).

Alliance (suball.) code	Alliance (suballiance) name	<i>n</i>	<i>S</i>	<i>U</i>	
18AB	<i>Cardaminion amarae</i>	112	28.6	0.262	
13BA	<i>Scirpion maritimi</i>	21	28.5	0.345	
26AEC	<i>Astragalo austriaci-Achilleenion setaceae</i>	107	28.5		
22AA	<i>Nardion</i>	54	28.4	0.204	–
12AC	<i>Nanocyperion flavescens</i>	11	28.3	0.508	+
19BB	<i>Rhynchosporion albae</i>	19	28.1	0.397	
11AA	<i>Sphagno-Utricularion</i>	12	26.7	0.746	++
26AB	<i>Helianthemo cani-Festucion pallentis</i>	53	25.7	0.135	--
41AA	<i>Senecionion fluviatilis</i>	63	25.6	0.309	
21AB	<i>Polygono-Trisetion</i>	120	25.4	0.220	–
19AF	<i>Sphagno warnstorffiani-Tomenthypnion</i>	45	25.3	0.286	
32ADB	<i>Acerenion</i>	36	25.0		
40AA	<i>Onopordion acanthii</i>	21	24.7	0.442	
03AA	<i>Androsacion alpinae</i>	1	24.6	1.000	++
12AB	<i>Radiolion linoidis</i>	5	24.5	0.671	++
35AC	<i>Pinion mughii</i>	31	24.5	0.243	–
25AB	<i>Arabidopsion thalianae</i>	36	24.4	0.236	–
06BB	<i>Calamagrostion arundinaceae</i>	21	24.3	0.242	–
17AA	<i>Scorzonero-Juncion gerardii</i>	8	24.2	0.452	
39CB	<i>Salsolion ruthenicae</i>	4	24.1	0.699	++
21BA	<i>Alopecurion pratensis</i>	268	23.9	0.192	--
30AC	<i>Salicion albae</i>	37	23.3	0.368	
32BB	<i>Aceri tatarici-Quercion</i>	29	23.2	0.316	
21BBB	<i>Filipendulion</i>	346	22.8		
01AA	<i>Potentillion caulescens</i>	21	22.3	0.342	
22BB	<i>Euphorbio-Callunion</i>	46	22.1	0.187	--
39AA	<i>Chenopodium glauci</i>	16	22.0	0.389	
39BC	<i>Panico-Setarion</i>	33	22.0	0.260	
39BB	<i>Spergulo-Oxalidion</i>	38	21.9	0.235	–
26ACA	<i>Poo badensis-Teucrienion montani</i>	11	21.7		
21AC	<i>Cynosurion</i>	148	21.3	0.186	--
35BA	<i>Athyrio alpestris-Piceion</i>	29	20.9	0.209	–
39AC	<i>Bromo-Hordeion murini</i>	19	20.8	0.311	
08BC	<i>Charion fragilis</i>	1	18.7	0.680	++
19BC	<i>Sphagno recurvi-Caricion canescens</i>	88	18.7	0.163	--
13EB	<i>Magnocaricion elatae</i>	29	18.4	0.581	+
19BA	<i>Eriophorion gracilis</i>	21	18.3	0.301	
01BA	<i>Androsacion vandellii</i>	16	18.1	0.344	
28AA	<i>Salicion silesiaca</i>	12	18.0	0.429	
18BA	<i>Lycopodo-Cratoneurion commutati</i>	16	17.9	0.629	+
41BA	<i>Petasition officinalis</i>	91	17.5	0.230	–
21ACB	<i>Polygalo-Cynosurenion</i>	56	17.3		
35AD	<i>Betulion pubescentis</i>	31	17.3	0.194	--
25AA	<i>Thero-Airion</i>	5	16.6	0.662	++
39CA	<i>Eragrostion</i>	6	16.6	0.588	+
32ADC	<i>Cephalanthero-Fagenion</i>	42	16.2		
06BC	<i>Poo chaixii-Deschampsion caespitosae</i>	24	15.9	0.164	--
22BC	<i>Vaccinion</i>	63	15.8	0.145	--
29AB	<i>Prunion spinosae</i>	53	15.4	0.330	
39AB	<i>Malvion neglectae</i>	13	15.4	0.549	+
44AC	<i>Veronico politae-Taraxacion</i>	20	15.3	0.221	–

Table 3 (continued).

Alliance (suball.) code	Alliance (suballiance) name	<i>n</i>	<i>S</i>	<i>U</i>	
42AA	<i>Convolvulo-Agropyrion</i>	65	14.7	0.182	--
34AA	<i>Erico-Pinion</i>	17	14.6	0.260	
13EA	<i>Carici-Rumicion hydrolapathi</i>	27	14.0	0.617	+
26AEB	<i>Coronillo variaie-Festucenion rupicolae</i>	23	13.9		
21ACA	<i>Lolio-Cynosurenion</i>	68	13.6		
30AA	<i>Salicion triandrae</i>	13	13.6	0.658	++
20BA	<i>Oxycocco-Ericion</i>	3	13.3	0.299	
26AD	<i>Asplenio cuneifolii-Armerion serpentini</i>	11	13.3	0.324	
09ABA	<i>Potamenion polygonifolii</i>	5	13.1		
29AA	<i>Berberidion</i>	40	12.0	0.292	
03BA	<i>Stipion calamagrostis</i>	17	11.3	0.437	
37AA	<i>Carici piluliferae-Epilobion angustifolii</i>	49	11.3	0.358	
32ADD	<i>Galio-Abietenion</i>	31	11.2		
43AAA	<i>Ranunculo repentis-Rumicenion crispum</i>	41	10.3		
21BD	<i>Veronico longifoliae-Lysimachion vulgaris</i>	4	10.2	0.369	
36AA	<i>Chelidonio-Robinion</i>	11	10.0	0.685	++
31BA	<i>Salicion cinereae</i>	30	9.8	0.654	++
19AC	<i>Caricion lasiocarpae</i>	11	9.5	0.223	-
22AC	<i>Nardo-Juncion squarrosi</i>	24	9.3	0.357	
37AC	<i>Rumici-Avenellion flexuosae</i>	31	9.2	0.131	--
41CC	<i>Aegopodion podagrariae</i>	73	8.8	0.132	--
27AB	<i>Trifolion medii</i>	48	8.4	0.181	--
37BA	<i>Sambuco-Salicion capreae</i>	53	8.3	0.172	--
41CD	<i>Rumicion alpini</i>	3	7.4	0.806	++
18AA	<i>Cardamino-Montion</i>	11	6.1	0.284	
43AAC	<i>Juncenion effusi</i>	53	5.5		
41CA	<i>Galio-Alliarion</i>	15	3.9	0.488	+
37AB	<i>Atropion bellae-donnae</i>	4	2.7	0.610	+
05AA	<i>Salicion herbaceae</i>	2	2.2	0.719	++

Table 4. Alliances and suballiances with the highest similarity to other alliances. Couples of alliances (suballiances) are ranked by decreasing value of index *T*, which expresses the similarity of the alliances (suballiances) in the left column to the alliances (suballiances) in the right column. Only 65 pairs with the highest similarity are shown. Similarities of suballiances to superior alliances and vice versa are not shown.

Alliance (suballiance) 1	Alliance (suballiance) 2	<i>T</i>
43AAC <i>Juncenion effusi</i>	21BB <i>Calthion</i>	1.85
44AC <i>Veronico politae-Taraxacion</i>	44AA <i>Caucalidion lappulae</i>	1.84
43AAC <i>Juncenion effusi</i>	21BBA <i>Calthenion</i>	1.83
27AB <i>Trifolion medii</i>	26BA <i>Bromion erecti</i>	1.57
21ACA <i>Lolio-Cynosurenion</i>	21AA <i>Arrhenatherion</i>	1.54
20BA <i>Oxycocco-Ericion</i>	20AB <i>Sphagnion medii</i>	1.37
43AAA <i>Ranunculo repentis-Rumicenion crispum</i>	43AAB <i>Loto-Trifolienion</i>	1.36
21BA <i>Alopecurion pratensis</i>	21BBA <i>Calthenion</i>	1.29
21AC <i>Cynosurion</i>	21AA <i>Arrhenatherion</i>	1.25
21BA <i>Alopecurion pratensis</i>	21BB <i>Calthion</i>	1.19

Table 4. (continued).

Alliance (suballiance) 1	Alliance (suballiance) 2	T
21BBB <i>Filipendulion</i>	21BBA <i>Calthenion</i>	1.19
26AB <i>Helianthemo cani-Festucion pallentis</i>	21AA <i>Alysso-Festucion pallentis</i>	1.16
39BB <i>Spergulo-Oxalidion</i>	44BA <i>Aphanion</i>	1.14
37AC <i>Rumici-Avenellion flexuosae</i>	35AB <i>Piceion excelsae</i>	1.10
39BC <i>Panico-Setarion</i>	44AA <i>Caucalidion lappulae</i>	1.08
26AB <i>Helianthemo cani-Festucion pallentis</i>	26AE <i>Festucion valesiacae</i>	0.96
39BB <i>Spergulo-Oxalidion</i>	44AA <i>Caucalidion lappulae</i>	0.95
26AEC <i>Astragalo austriaci-Achilleenion setaceae</i>	26AEA <i>Festucion valesiacae</i>	0.93
21ACB <i>Polygalo-Cynosurenion</i>	26BA <i>Bromion erecti</i>	0.91
32AE <i>Luzulo-Fagion</i>	32AD <i>Fagion</i>	0.90
19AA <i>Caricion fuscae</i>	21BBA <i>Calthenion</i>	0.85
26AB <i>Helianthemo cani-Festucion pallentis</i>	26AC <i>Seslerio-Festucion pallentis</i>	0.85
26AB <i>Helianthemo cani-Festucion pallentis</i>	26AEA <i>Festucion valesiacae</i>	0.85
44AB <i>Sherardion</i>	44BA <i>Aphanion</i>	0.85
21BA <i>Alopecurion pratensis</i>	21AA <i>Arrhenatherion</i>	0.83
19AA <i>Caricion fuscae</i>	21BB <i>Calthion</i>	0.81
19AC <i>Caricion lasiocarpae</i>	19AF <i>Sphagno warnstorffiani-</i>	0.81
21BA <i>Alopecurion pratensis</i>	21BE <i>Molinion</i>	0.81
26AB <i>Helianthemo cani-Festucion pallentis</i>	26AAB <i>Potentillo arenariae-Festucion</i>	0.81
32ADD <i>Galio-Abietenion</i>	35AB <i>Piceion excelsae</i>	0.80
20BA <i>Oxycocco-Ericion</i>	20AA <i>Oxycocco-Empetrion</i>	0.79
21BD <i>Veronico longifoliae-Lysimachion vulgaris</i>	21BC <i>Cnidion venosi</i>	0.79
32ADC <i>Cephalanthero-Fagenion</i>	32AB <i>Carpinion</i>	0.79
21BE <i>Molinion</i>	21BBA <i>Calthenion</i>	0.77
27AA <i>Geranion sanguinei</i>	26BA <i>Bromion erecti</i>	0.77
44AC <i>Veronico politae-Taraxacion</i>	44BA <i>Aphanion</i>	0.77
26BB <i>Koelerio-Phleion phleoidis</i>	26AE <i>Festucion valesiacae</i>	0.73
39BC <i>Panico-Setarion</i>	39BA <i>Fumario-Euphorbion</i>	0.73
41CC <i>Aegopodion podagrariae</i>	32AA <i>Alnion incanae</i>	0.73
18AA <i>Cardamino-Montion</i>	18AB <i>Cardaminion amarae</i>	0.72
22BC <i>Vaccinion</i>	32AE <i>Luzulo-Fagion</i>	0.72
32BB <i>Aceri tatarici-Quercion</i>	32BA <i>Quercion pubescenti-petraeae</i>	0.71
39BA <i>Fumario-Euphorbion</i>	44AA <i>Caucalidion lappulae</i>	0.71
39BA <i>Fumario-Euphorbion</i>	44BA <i>Aphanion</i>	0.71
44AB <i>Sherardion</i>	44AA <i>Caucalidion lappulae</i>	0.71
44AC <i>Veronico politae-Taraxacion</i>	39BA <i>Fumario-Euphorbion</i>	0.71
26AB <i>Helianthemo cani-Festucion pallentis</i>	26AAA <i>Alysso-Festucion pallentis</i>	0.70
32AE <i>Luzulo-Fagion</i>	32ADA <i>Eu-Fagenion</i>	0.70
19BC <i>Sphagno recurvi-Caricion canescentis</i>	19AA <i>Caricion fuscae</i>	0.67
21AB <i>Polygono-Trisetion</i>	21AA <i>Arrhenatherion</i>	0.67
37AC <i>Rumici-Avenellion flexuosae</i>	06BA <i>Calamagrostion villosae</i>	0.66
21BE <i>Molinion</i>	21BB <i>Calthion</i>	0.65
32AC <i>Tilio-Acerion</i>	32AD <i>Fagion</i>	0.65
41CC <i>Aegopodion podagrariae</i>	32AAA <i>Alnenion glutinoso-incanae</i>	0.65
20BA <i>Oxycocco-Ericion</i>	19BD <i>Leuko-Scheuchzerion palustris</i>	0.64
39BB <i>Spergulo-Oxalidion</i>	39BA <i>Fumario-Euphorbion</i>	0.64
21ACB <i>Polygalo-Cynosurenion</i>	21AA <i>Arrhenatherion</i>	0.63
06BC <i>Poo chaixii-Deschampsion caespitosae</i>	06BA <i>Calamagrostion villosae</i>	0.62
22AA <i>Nardion</i>	22AD <i>Nardo-Agrostion tenuis</i>	0.62
41CC <i>Aegopodion podagrariae</i>	21AA <i>Arrhenatherion</i>	0.62
26AEB <i>Coronillo variae-Festucion rupicolae</i>	26BA <i>Bromion erecti</i>	0.61
37BA <i>Sambuco-Salicion capreae</i>	37AA <i>Carici piluliferae-Epilobion</i>	0.61

Table 4 (continued).

Alliance (suballiance) 1	Alliance (suballiance) 2	<i>T</i>
32AC <i>Tilio-Acerion</i>	32ADA <i>Eu-Fagenion</i>	0.60
39BC <i>Panico-Setarion</i>	44BA <i>Aphanion</i>	0.60
32ADD <i>Galio-Abietenion</i>	32ADA <i>Eu-Fagenion</i>	0.59

CONCLUSIONS

The present study revised diagnostic species of vegetation classes, alliances and suballiances of the Czech Republic and defined affinities of the species of Czech vascular plants, bryophytes and lichens to these major syntaxa. Additionally, constant and dominant species of particular syntaxa were identified. A statistical coefficient of fidelity applied to the geographically stratified data set taken from the Czech National Phytosociological Database made it possible to arrive at formal definition of diagnostic species and their ranking by decreasing diagnostic capacity. Although some problems still remain with this approach due to the limited quality of the data set (preferential selection and irregular spatial arrangement of sampling sites, multiple taxonomic concepts, low number of available records of some vegetation units or species), we were able to remove most inconsistencies inherent to the previous lists of diagnostic species based on expert knowledge.

Having identified diagnostic species of the syntaxa of the currently accepted standard phytosociological classification of the Czech Republic, we were able to assess the quality of delimitation of these syntaxa, using two criteria, called Sharpness and Uniqueness. Our analysis can be used in future projects aimed at the revision of the national phytosociological classification. Syntaxa which we indicate to be poor in terms of Sharpness or Uniqueness or both are possible candidates for abandonment, merging with other syntaxa or some other kind of revision. However, in the present study we deliberately refrain from making any explicit suggestions on how the phytosociological system should be improved or which syntaxa should be revised and in which way, because these issues need a more detailed studies in future.

SOUHRN (CZECH SUMMARY)

Diagnostické druhy, včetně synonymních či úžeji vymezených koncepcí charakteristických, diferenciálních nebo indikačních druhů, mají zásadní význam při klasifikaci biotických společenstev. Jde o druhy, které jsou svým výskytem a případně vyšší abundancí vázány hlavně na určité společenstvo, zatímco v jiných společenstvech jsou vzácné nebo chybějí. Diagnostické druhy mají značný praktický význam, protože umožňují identifikaci dříve rozlišených typů společenstev při terénním průzkumu, mapování nebo monitoringu.

Tradičně se koncepce diagnostických druhů využívá zejména ve fytoocenologii jako nejvýznamnější charakteristika rozlišených vegetačních jednotek. V České republice a bývalém Československu byly diagnostické druhy pro fytoocenologické třídy, řády a svazy stanoveny už v historicky prvních přehledech vegetačních jednotek (KLIKA & NOVÁK 1941, KLIKA & HADAČ 1944, KLIKA 1948, 1955). Pozdější přehledy už uváděly diagnostické druhy pouze pro svazy a podsvazy. HOLUB et al. (1967) použili koncepci tzv. skupin indikačních druhů, zahrnujících kromě vlastních diagnostických druhů také druhy s vyšší konstancí výskytu v dané vegetační jednotce. Zatím poslední úplný přehled vegetačních jednotek (MORAVEC et al. 1983, 1995) používá tzv. skupiny diagnostických druhů, které mají podle autorů zahrnovat pouze charakteristické a diferenciální druhy; ve skutečnosti však jsou u některých svazů uváděny také druhy konstantní, které lze těžko považovat za diagnostické. Zřejmou nevýhodou všech dosud publikovaných seznamů diagnostických druhů byl jejich subjektivní výběr podle nejednotných a explicitně neuvedených kritérií. Zejména nebyly důsledně rozlišovány skutečné diagnostické druhy od druhů konstantních nebo dominantních bez diagnostického významu.

Hlavním cílem předložené práce je revize dosavadních seznamů diagnostických druhů publikovaných pro fytoocenologické třídy, svazy a podsvazy České republiky pomocí statistické analýzy reálných dat. Navazujícím cílem je statistické zhodnocení kvality vymezení vegetačních jednotek akceptovaných v současné standardní klasifikaci vegetace České republiky.

Pro analýzu využíváme reprezentativního souboru dat z České národní fytoocenologické databáze (CHYTRÝ & RAFAJOVÁ 2003), která k datu výběru obsahovala 53.097 fytoocenologických snímků. Pokud to bylo možné, tyto snímky byly přiřazeny k jednotkám současné standardní klasifikace vegetace (MORAVEC et al. 1995, MORAVEC 1998–2000; viz Appendix 1). Byly vyřazeny snímky zapsané na extrémně malých nebo extrémně velkých plochách a snímky s málo přesně uvedenou lokalitou. Ze zbývajících snímků byl proveden geograficky stratifikovaný výběr s cílem omezit rozdíl v počtu snímků zapsaných na méně a více atraktivních lokalitách, které by mohly zkreslit výsledky. Území ČR bylo rozděleno na síť s poli velkými $1,5 \times 1,4$ km a

pokud bylo v jednom poli k dispozici více fytoecologických snímků přiřazených ke stejné asociaci, byl pro analýzu náhodně vybrán jen jeden z nich. Výsledkem tohoto výběru byl soubor 21.794 snímků, které byly použity pro analýzy. Údaje o výskytu stromů nebo keřů v bylinném patře byly vymazány a výskyty stejných druhů v různých porostních patrech byly sloučeny; díky tomu byl každý druh zařazen do analýzy právě jednou. Nomenklatura druhů byla sjednocena podle příruček KUBÁT (2002), FREY et al. (1995) a VĚZDA & LIŠKA (1999). V mnoha případech, kdy se taxonomické koncepce použité různými autory pro určité druhy nebo druhové skupiny lišily, musely být úžeji pojaté druhy sloučeny v agregáty, které jsou vymezeny na str. 11–13.

Pro statistickou analýzu byl použit program JUICE (TICHÝ 2002). Diagnostické druhy byly stanoveny výpočtem fidelity, tj. míry koncentrace výskytu daného druhu v dané vegetační jednotce. Jako statistická míra fidelity byl použit koeficient Phi (SOKAL & ROHLF 1995, CHYTRÝ et al. 2002) (Eq. 1), který nabývá hodnot od -1 do 1 , ale na výstupu byl násoben 100 . Hodnota 1 znamená, že druh se vyskytuje ve všech snímcích přiřazených k dané vegetační jednotce a chybí ve všech ostatních snímcích. Hodnota 0 znamená, že procentický výskyt ve snímcích dané vegetační jednotky je shodný s procentickým výskytem ve snímcích nepřijazených k této vegetační jednotce. Negativní hodnoty znamenají, že druh se častěji vyskytuje mimo danou vegetační jednotku než v ní.

Koeficient Phi byl vypočítán pro vztah každého druhu ke každé třídě, svazu nebo podsvazu současné standardní klasifikace (MORAVEC et al. 1995, MORAVEC 1998–2000). Jako dolní hranice pro zařazení druhu mezi diagnostické byla subjektivně stanovena hodnota $\Phi = 0.18$. Tuto hodnotu totiž ve většině případů nepřekračovaly druhy s širokou ekologickou amplitudou a na druhé straně ji překračovala většina druhů tradičně považovaných za diagnostické pro různé vegetační jednotky. Lze ukázat, že vazba mezi druhy a vegetačními jednotkami vyjádřená hodnotami $\Phi > 0.18$ je v námi použitým souboru dat vždy statisticky signifikantní na konvenčních hladinách významnosti.

Kromě diagnostických druhů byly stanoveny také druhy konstantní, definované frekvencí výskytu vyšší než 25% pro třídy a vyšší než 40% pro svazy a podsvazy, a druhy dominantní, definované jako druhy dosahující procentické pokryvnosti vyšší než 50% v alespoň 3% snímků dané vegetační jednotky.

Statisticky definované diagnostické, konstantní a dominantní druhy jsou uvedeny v Appendixu 2 (řazeny podle systému vegetačních jednotek) a Appendixu 3 (řazeny podle abecedního pořadí druhů).

Stanovení diagnostických druhů s použitím konzistentních formalizovaných kritérií umožnilo kvantifikovat kvalitu vymezení jednotlivých tříd, svazů a podsvazů přijatých ve standardní klasifikaci vegetace České republiky. Pro tento účel jsme použili dvě kritéria, označená jako *vyhraněnost* (*sharpness*) a *jedinečnost* (*uniqueness*).

Vyhraněnost je definována indexem S jako počet nebo kvalita diagnostických druhů v dané vegetační jednotce v poměru k průměrné druhové bohatosti porostů této jednotky (Eq. 2). Vegetační jednotka je vyhraněná, pokud většina v ní zastoupených druhů je vázána na ni a chybí v jiných vegetačních jednotkách. Index S se pohybuje v intervalu $(0;$

∞) a vysokých hodnot dosahuje u vegetačních jednotek, které mají mnoho diagnostických druhů s vysokou fidelitou (tj. vysokou hodnotou Φ). Nižších, ale stále dosti vysokých hodnot dosahuje index S pro vegetační jednotky s několika málo diagnostickými druhy s vysokou fidelitou nebo mnoha diagnostickými druhy s relativně nízkou fidelitou.

V tab. 1 a 3 jsou uvedeny vegetační třídy a svazy (podsvazy) řazené podle klesající vyhraněnosti. Nejvyhraněnější třídy většinou zahrnují hlavní typy přirozené a polopřirozené vegetace střední Evropy, např. *Quercu-Fagetea*, *Vaccinio-Piceetea*, *Molinio-Arrhenatheretea* a *Festuco-Brometea*, a nejvyhraněnější svazy jsou z těchto tříd. Nejméně vyhraněné třídy a svazy naopak zahrnují jednak vegetační typy, které mohou být mimo ČR vyhraněné, ale na našem území jsou vyvinuty jen fragmentárně (např. *Salicetea herbaceae*, *Thlaspietea rotundifolii*, *Erico-Pinetea*, *Cardamino-Montion*, *Nardo-Juncion squarrosi*, *Galio-Abietenion*, *Stipion calamagrostis* a *Oxycocco-Ericion*), jednak typy, které jsou patrně nevyhraněné v celém areálu (např. *Robinietea*, *Agropyretea repentis*, *Rhamno-Prunetea* a větší množství svazů).

Jedinečnost vyjadřuje, zda pro danou vegetační jednotku existují podobné vegetační jednotky. Vegetační jednotka je jedinečná, pokud žádný z jejích diagnostických druhů není současně diagnostický pro jiné vegetační jednotky, zatímco jedinečnost jednotky klesá, pokud sdílí některé ze svých diagnostických druhů s jednotkami jinými. Jedinečnost byla počítána ve dvou krocích. Nejprve byl vypočítán index T jako asymetrická míra podobnosti mezi dvěma vegetačními jednotkami (Eq. 3). Vysoké hodnoty T jsou dosahovány v případě, kdy mezi diagnostickými druhy jedné vegetační jednotky je velký podíl druhů, které jsou současně diagnostickými druhy druhé vegetační jednotky. Index T byl vypočítán pro všechny dvojice tříd a pro všechny dvojice svazů (včetně podsvazů). Na základě sumarizace vypočítaných indexů T byl pro každou vegetační jednotku vypočítán index U , který je mírou jedinečnosti a dosahuje nízkých hodnot pro ty vegetační jednotky, jejichž diagnostické druhy jsou většinou sdíleny s jinými vegetačními jednotkami.

Jedinečnost tříd a svazů (podsvazů) nebyla korelována s jejich vyhraněností. Tab. 1 a 3 ukazují, že jedinečné jsou zejména vzácné třídy a svazy druhově chudé vegetace ekologicky extrémních stanovišť (např. *Charetea*, *Parietarietea*, *Utricularietea*, *Crypsieteae aculeatae*, *Thero-Salicornieteae strictae*, *Thero-Suaedeteeae* a svazy těchto tříd), ale také nejvyhraněnější třídy a svazy druhově bohaté vegetace (např. *Festuco-Brometea*, *Quercu-Fagetea*, *Secalieteae*, *Molinio-Arrhenatheretea* a svazy těchto tříd). Tab. 2 a 4 ukazují třídy a svazy (podsvazy) velmi podobné jiným třídám nebo svazům (podsvazům). V několika případech jde o floristickou podobnost mezi strukturálně odlišnými vegetačními typy, např. typy lesní, křovinné a bylinné vegetace. Pokud jsou však jako podobné indikovány dvojice vegetačních typů se stejnou strukturou, lze uvažovat o jejich možném sloučení (např. přiřazení *Trifolio-Geranieteae sanguinei* k *Festuco-Brometeae*, *Chenopodieteae* k *Secalieteae*, *Querceteae robori-petraeae* ke *Quercu-Fageteeae*, *Agropyreteae repentis* k *Artemisieteae vulgaris* a větší množství podobných případů u svazů a podsvazů). U některých jednotek je vysoká podobnost

k jiným jednotkám důsledkem jejich nevyhraněnosti v České republice (např. *Salicetea herbaceae* a *Oxycocco-Ericion*).

Předložená studie si kladla za cíl provést revizi diagnostických druhů pro jednotky současné standardní klasifikace vegetace České republiky, nikoliv však revizi této klasifikace. Zhodnocení vegetačních jednotek pomocí kritérií vyhraněnosti a jedinečnosti však umožnilo stanovit, které jednotky jsou vymezené lépe a které hůře. V příštích projektech směřujících k vytvoření nové národní klasifikace vegetace mohou být tyto výsledky dobrým vodítkem. Zejména u jednotek, pro které byl zjištěn nízký stupeň vyhraněnosti, jedinečnosti nebo obou těchto kritérií, by měla být zvážena revize jejich vymezení a postavení v klasifikaci.

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APPENDIX 1

A synopsis of classes, alliances and suballiances analysed in this study. Delimitation of units and nomenclature is taken over from MORAVEC et al. (1995) and MORAVEC (1998–2000), but author citations are corrected in a few cases where we were aware of errors. Asterisks indicate the alliances which are not included in the analysis due to lack of data.

01 ASPLENIETEA TRICHOMANIS (Br.-Bl. in Meier et Br.-Bl. 1934) Oberdorfer 1977

01AA *Potentillion caulescentis* Br.-Bl. in Br.-Bl. et Jenny 1926

01AB *Cystopteridion* Richard 1972

01AC *Asplenion serpentini* Br.-Bl. et Tüxen ex Eggler 1955

01AD *Androsacion vandellii* Br.-Bl. in Br.-Bl. et Jenny 1926

01AE *Agrostion alpinae* Jeník et al. 1980

02 PARIETARIETEA Rivas-Martínez ex Rivas Goday 1964

02AA *Centrantho-Parietarion* Rivas-Martínez 1960

03 THLASPIETEA ROTUNDIFOLII Br.-Bl. 1948

03AA *Androsacion alpinae* Br.-Bl. in Br.-Bl. et Jenny 1926

03BA *Stipion calamagrostis* Jenny-Lips ex Br.-Bl. et al. 1952

04 JUNCETEA TRIFIDI Hadač in Klika et Hadač 1944

04AA *Juncion trifidi* Krajina 1933

04AB *Nardo-Caricion rigidae* Nordhagen 1937

05 SALICETEA HERBACEAE Br.-Bl. 1949

05AA *Salicion herbaceae* Br.-Bl. in Br.-Bl. et Jenny 1926

06 MULGEDIO-ACONITETEA Hadač et Klika in Klika et Hadač 1944

06AA *Adenostyilion* Br.-Bl. 1926

06AB *Dryopterido-Athyron* (Holub ex Sýkora et Štursa 1973) Jeník et al. 1980

06BA *Calamagrostion villosae* Pawłowski et al. 1928

06BB *Calamagrostion arundinaceae* (Luquet 1926) Jeník 1961

06BC *Poo chaixii-Deschampsion cespitosae* Jeník et al. 1980

07 LEMNETEA Tüxen 1955

07AA *Lemnion minoris* Tüxen 1955

07BA *Utricularion vulgaris* Passarge 1964

07CA *Hydrocharition* Rübél 1933

08 CHARETEA FRAGILIS Fukarek ex Krausch 1964

08AA *Nitellion flexilis* Dąbbska 1966

08BA *Charion asperae* Krause 1969

08BB *Charion vulgaris* (Krause et Lang 1977) Krause 1981

08BC *Charion fragilis* Krausch 1964

08BD * *Charion canescentis* Krausch 1964

09 POTAMETEA Klika in Klika et Novák 1941
09AA *Nymphaeion albae* Oberdorfer 1957
09AB *Magnopotamion* (Vollmar 1947) Den Hartog et Segal 1964
 09ABA *Potamenion polygonifolii* (Den Hartog et Segal 1964) Hejný 1983
 09ABB *Potamenion lucentis* auct.
09AC *Parvopotamion* (Vollmar 1947) Den Hartog et Segal 1964
09BA *Batrachion fluitantis* Neuhäusl 1959
09BB *Batrachion aquatilis* Passarge 1964

10 ISOËTO-LITTORELLETEA Br.-Bl. et Vlieger in Vlieger 1937
10AA * *Isoëtion lacustris* Nordhagen 1937
10AB *Littorellion uniflorae* Koch 1926

11 UTRICULARIETEA Den Hartog et Segal 1964
11AA *Sphagno-Utricularion* Müller et Görs 1960

12 ISOËTO-NANOJUNCETEA Br.-Bl. et Tüxen ex Westhoff et al. 1946
12AA *Eleocharition ovatae* Philippi 1968
12AB *Radiolion linoidis* Pietsch 1973
12AC *Nanocyperion flavescens* Koch ex Malcuit 1929

13 PHRAGMITO-MAGNOCARICETEA Klika in Klika et Novák 1941
13AA *Phragmition communis* Koch 1926
13BA *Scirpion maritimi* Dahl et Hadač 1941
13CA *Oenanthion aquaticae* Hejný ex Neuhäusl 1959
13DA *Phalaridion arundinaceae* Kopecký 1961
13DB *Sparganio-Glycerion fluitantis* Br.-Bl. et Sissingh in Boer 1942
13EA *Carici-Rumicion hydrolapathi* Passarge 1964
13EB *Magnocaricion elatae* Koch 1926
13EC *Caricion rostratae* Balátová-Tuláčeková 1963
13ED *Caricion gracilis* Neuhäusl 1959

14 CRYPSIETEA ACULEATAE Vicherek 1973
14AA *Cypero-Spergularion salinae* Slavnič 1948

15 THERO-SUAEDETEA Vicherek 1973
15AA *Thero-Suaedion* Br.-Bl. ex Tüxen 1950

16 THERO-SALICORNIETEA STRICTAE Tüxen in Tüxen et Oberdorfer 1958
16AA *Thero-Salicornion strictae* Br.-Bl. 1933

17 FESTUCO-PUCCINELLIETEA Soó 1968
17AA *Scorzonero-Juncion gerardii* (Wendelberger 1943) Vicherek 1973
17BA *Puccinellion limosae* Soó 1933 corr. Wendelberger 1943

18 MONTIO-CARDAMINETEA Br.-Bl. et Tüxen ex Klika 1948
18AA *Cardamino-Montion* Br.-Bl. 1926
18AB *Cardaminion amarae* Maas 1959
18AC *Swertio-Anisothecion squarrosi* Hadač 1983
18BA *Lycopodo-Cratoneurion commutati* Hadač 1983

19 SCHEUCHZERIO-CARICETEA FUSCAE Tüxen 1937

- 19AA *Caricion fuscae* Koch 1926
- 19AB *Caricion davallianae* Klika 1934
- 19AC *Caricion lasiocarpae* Vanden Berghen in Lebrun et al. 1949
- 19AD *Caricion demissae* Rybníček 1964
- 19AE *Drepanocladion exannulati* Krajina 1933
- 19AF *Sphagno warnstorffiani-Tomenthypnion* Dahl 1957
- 19BA *Eriophorion gracilis* Preisling in Oberdorfer 1957
- 19BB *Rhynchosporion albae* Koch 1926
- 19BC *Sphagno recurvi-Caricion canescentis* Passarge (1964) 1978
- 19BD *Leuko-Scheuchzerion palustris* Nordhagen 1943

20 OXYCOCCO-SPHAGNETEA Br.-Bl. et Tüxen ex Westhoff et al. 1946

- 20AA *Oxycocco-Empetrium hermaphroditii* Nordhagen ex Hadač et Váňa 1967
- 20AB *Sphagnion medii* Kästner et Flössner 1933
- 20BA *Oxycocco-Ericion* Nordhagen ex Tüxen 1937

21 MOLINIO-ARRHENATHERETEA Tüxen 1937

- 21AA *Arrhenatherion* Koch 1926
- 21AB *Polygono-Trisetion* Br.-Bl. et Tüxen ex Marschall 1947
- 21AC *Cynosurion* Tüxen 1947
 - 21ACA *Lolio-Cynosurenion* Jurko 1974
 - 21ACB *Polygalo-Cynosurenion* Jurko 1974
- 21BA *Alopecurion pratensis* Passarge 1964
- 21BB *Calthion* Tüxen 1937
 - 21BBA *Calthenion*
 - 21BBB *Filipendulenion* (Lohmeyer in Oberdorfer et al. 1967) Balátová-Tuláčková 1978
- 21BC *Cnidion venosi* Balátová-Tuláčková 1965
- 21BD *Veronico longifoliae-Lysimachion vulgaris* (Passarge 1977) Balátová-Tuláčková 1981
- 21BE *Molinion* Koch 1926

22 NARDO-CALLUNETEA Preisling 1949

- 22AA *Nardion* Br.-Bl. 1926
- 22AB *Violion caninae* Schwickerath 1944
- 22AC *Nardo-Juncion squarrosi* (Oberdorfer 1957) Passarge 1964
- 22AD *Nardo-Agrostion tenuis* Sillinger 1933
- 22BA *Genistion* Böcher 1943
- 22BB *Euphorbio-Callunion* Schubert 1960
- 22BC *Vaccinion* Böcher 1943

23 KOELERIO-CORYNEPHORETEA Klika in Klika et Novák 1941

- 23AA *Corynephorion canescentis* Klika 1931

24 FESTUCETEA VAGINATAE Soó 1968

- 24AA *Koelerion glaucae* Volk ex Klika 1935

25 SEDO-SCLERANTHETEA Br.-Bl. 1955

- 25AA *Thero-Airion* Tüxen 1951
- 25AB *Arabidopsis thalianae* Passarge 1964
- 25AC *Hyperico perforati-Scleranthion perennis* Moravec 1967
- 25AD *Plantagini-Festucion ovinae* Passarge 1964
- 25BA *Alyssso alyssoidis-Sedion albi* Oberdorfer et Müller in Müller 1961

26 FESTUCO-BROMETEA Br.-Bl. et Tüxen ex Br.-Bl. 1949

- 26AA *Alyssso-Festucion pallentis* Moravec in Holub et al. 1967
 - 26AAA *Alyssso-Festucion pallentis*
 - 26AAB *Potentillo arenariae-Festucion pallentis* Kolbek in Moravec et al. 1983
- 26AB *Helianthemo cani-Festucion pallentis* Kolbek in Moravec et al. 1983
- 26AC *Seslerio-Festucion pallentis* Klika 1931 corr. Zólyomi 1966
 - 26ACA *Poo badensis-Teucrienion montani* Kolbek in Moravec et al. 1983
 - 26ACB *Seslerio-Festucion pallentis* corr. Kolbek in Moravec et al. 1995
 - 26ACC *Cynancho vincetoxici-Seslerienion calcariae* Kolbek in Moravec et al. 1983
- 26AD *Asplenio cuneifolii-Armerion serpentini* Kolbek et al. in Moravec et al. 1983
- 26AE *Festucion valesiacae* Klika 1931
 - 26AEA *Festucion valesiacae*
 - 26AEB *Coronillo variaae-Festucion rupicolae* Kolbek in Moravec et al. 1983
 - 26AEC *Astragalo austriaci-Achilleenion setaceae* Toman 1981
- 26BA *Bromion erecti* Koch 1926
- 26BB *Koelerio-Phleion phleoidis* Korneck 1974

27 TRIFOLIO-GERANIETEA SANGUINEI Müller 1961

- 27AA *Geranion sanguinei* Tüxen in Müller 1961
- 27AB *Trifolion medii* Müller 1962

28 BETULO CARPATICAE-ALNETEA VIRIDIS Rejmánek in Huml et al. 1979

- 28AA *Salicion silesiacae* Rejmánek et al. 1971

29 RHAMNO-PRUNETEA Rivas Goday et Borja Carbonell 1961

- 29AA *Berberidion* Br.-Bl. 1950
- 29AB *Prunion spinosae* Soó 1951

30 SALICETEA PURPUREAE Moor 1958

- 30AA *Salicion triandrae* Müller et Görs 1958
- 30AB * *Salicion eleagno-daphnoidis* (Moor 1958) Grass in Mucina et al. 1993
- 30AC *Salicion albae* Soó 1930

31 ALNETEA GLUTINOSAE Br.-Bl. et Tüxen ex Westhoff et al. 1946

- 31AA *Alnion glutinosae* Malcuit 1929
- 31BA *Salicion cinereae* Müller et Görs ex Passarge 1961

32 QUERCO-FAGETEA Br.-Bl. et Vlieger in Vlieger 1937

- 32AA *Alnion incanae* Pawłowski et al. 1928
 - 32AAA *Alnenion glutinoso-incanae* Oberdorfer 1953
 - 32AAB *Ulmenion* Oberdorfer 1953
- 32AB *Carpinion* Issler 1931
- 32AC *Tilio-Acerion* Klika 1955

- 32AD *Fagion* Luquet 1926
 32ADA *Eu-Fagenion* Oberdorfer 1957
 32ADB *Acerenion* Oberdorfer 1957
 32ADC *Cephalanthero-Fagenion* Tüxen in Tüxen et Oberdorfer 1958
 32ADD *Galio-Abietenion* Oberdorfer 1962
 32AE *Luzulo-Fagion* Lohmeyer et Tüxen in Tüxen 1954
 32BA *Quercion pubescenti-petraeae* Br.-Bl. 1932
 32BB *Aceri tatarici-Quercion* Zólyomi 1957
 32BC *Quercion petraeae* Zólyomi et Jakucs ex Jakucs 1960
- 33 QUERCETEA ROBORI-PETRAEAE** Br.-Bl. et Tüxen ex Oberdorfer 1957
 33AA *Genisto germanicae-Quercion* Neuhäusl et Neuhäuslová-Novotná 1967
- 34 ERICO-PINETEA** Horvat 1959
 34AA *Erico-Pinion* Br.-Bl. in Br.-Bl. et al. 1939
- 35 VACCINIO-PICEETEA** Br.-Bl. in Br.-Bl. et al. 1939
 35AA *Dicrano-Pinion* (Libbert 1933) Matuszkiewicz 1962
 35AB *Piceion excelsae* Pawłowski et al. 1928
 35AC *Pinion mugo* Pawłowski et al. 1928
 35AD *Betulion pubescentis* Lohmeyer et Tüxen in Tüxen 1955
 35BA *Athyrio alpestris-Piceion* Sýkora 1971
- 36 ROBINIETEA** Jurko ex Hadač et Sofron 1980
 36AA *Chelidonio-Robinion* Hadač et Sofron 1980
 36AB * *Balloto nigrae-Robinion* Hadač et Sofron 1980
- 37 EPILOBIETEA ANGUSTIFOLII** Tüxen et Preising ex von Rochow 1951
 37AA *Carici piluliferae-Epilobion angustifolii* Tüxen ex auct.
 37AB *Atropion bellae-donnae* Aichinger 1933
 37AC *Rumici-Avenellion flexuosae* Passarge 1984
 37BA *Sambuco-Salicion capreae* Tüxen et Neumann ex Oberdorfer 1957
- 38 BIDENTETEA TRIPARTAE** Tüxen et al. ex von Rochow 1951
 38AA *Bidention tripartitae* Nordhagen 1940
- 39 CHENOPODIETEA** Br.-Bl. in Br.-Bl. et al. 1952
 39AA *Chenopodion glauci* Hejný 1979
 39AB *Malvion neglectae* Hejný in Hejný et al. 1979
 39AC *Bromo-Hordeion murini* Hejný in Hejný et al. 1979
 39AD *Sisymbrium officinalis* Tüxen et al. ex von Rochow 1951
 39BA *Fumario-Euphorbion* Müller ex Görs 1966
 39BB *Spergulo-Oxalidion* Görs in Oberdorfer et al. 1967
 39BC *Panico-Setarion* Sissingh in Westhoff et al. 1946
 39CA *Eragrostion* Tüxen ex Oberdorfer 1954
 39CB *Salsolion ruthenicae* Philippi 1971
- 40 ARTEMISIETEA VULGARIS** Lohmeyer et al. ex von Rochow 1951
 40AA *Onopordion acanthii* Br.-Bl. in Br.-Bl. et al. 1936
 40AB *Dauco-Melilotion* Görs 1966

41 GALIO-URTICETEA Passarge ex Kopecký 1969

- 41AA *Senecionion fluviatilis* Tüxen ex auct.
- 41BA *Petasition officinalis* Sillinger 1933
- 41CA *Galio-Alliarion* Lohmeyer et Oberdorfer in Oberdorfer et al. 1967
- 41CB *Arction lappae* Tüxen 1937
- 41CC *Aegopodion podagrariae* Tüxen 1967
- 41CD *Rumicion alpini* Klika in Klika et Hadač 1944

42 AGROPYRETEA REPENTIS Oberdorfer et al. 1967

- 42AA *Convolvulo-Agropyron* Görs 1966

43 PLANTAGINETEA MAJORIS Tüxen et Preising in Tüxen 1950

- 43AA *Agropyro-Rumicion crispi* Nordhagen 1940
 - 43AAA *Ranunculo repentis-Rumicion crispi* Hejný et Kopecký in Hejný et al. 1979
 - 43AAB *Loto-Trifolienion* Westhoff et van Leeuwen ex Vicherek 1973
 - 43AAC *Juncenion effusi* Westhoff et van Leeuwen ex Hejný et al. 1979
- 43BA *Polygonion avicularis* Aichinger 1933

44 SECALIETEA Br.-Bl. in Br.-Bl. et al. 1952

- 44AA *Caucalidion lappulae* Tüxen ex von Rochow 1951
- 44AB *Sherardion* Kropáč et Hejný in Kropáč 1978
- 44AC *Veronico politae-Taraxacion* Kropáč et Hadač in Kropáč et al. 1971
- 44BA *Aphanion* Tüxen et Tüxen in Malato-Beliz et al. 1960
- 44BB * *Scleranthion annui* (Kruseman et Vlieger 1939) Sissingh in Westhoff et al. 1946

APPENDIX 2

List of classes, alliances and suballiances of the Czech Republic with statistically determined diagnostic, constant and dominant species. The heading of each category of species (diagnostic, constant, dominant) is followed by the number of species within that category in brackets. If a species belongs to more than one category of species within the particular syntaxon, it is followed by a reference to another category, such as Dg – diagnostic, C – constant, or Dm – dominant. Diagnostic species are ranked by decreasing value of Phi coefficient (multiplied by 100), i.e. by decreasing fidelity. In such a way, species with the best diagnostic capacity are listed first. Constant species are ranked by decreasing percentage frequency of occurrence, and dominant species by decreasing percentage of cases with species cover exceeding 50 %. Codes printed to the right of the Phi values or percentage frequencies refer to the classes or alliances, where the same species has also a status of either diagnostic or constant or dominant species. For classes with a single alliance, diagnostic, constant and dominant species of the class and the alliance are identical and therefore they are listed together; in these cases, constant species exceeding the threshold for classes but not for alliances are listed in brackets. Note that for classes, alliances or suballiances represented by a low number of relevés, the species lists may be biased and should be interpreted with caution.

Class 01 *ASPLENIETEA TRICHOMANIS*

Chasmophytic vegetation of cliffs

No. of relevés: 114

Diagnostic species (11)

<i>Asplenium adulterinum</i>		33.9	01AC
<i>Asplenium cuneifolium</i>		27.7	01AC, 34, 34AA
<i>Thamnobryum alopecurum</i>	Dm	26.5	01AB
<i>Asplenium ruta-muraria</i>	C	26.4	01AA, 01AB, 26AC, 26ACC
<i>Asplenium trichomanes</i>	C	23.6	01AB
<i>Encalypta streptocarpa</i>		23.5	01AA
<i>Gymnocarpium robertianum</i>		22.9	01AB, 03BA
<i>Cystopteris fragilis</i>		22.8	01AB
<i>Pedinophyllum interruptum</i>		21.0	01AB
<i>Neckera complanata</i>		18.8	01AB
<i>Apometzgeria pubescens</i>		18.8	01AB

Constant species (3)

<i>Hypnum cupressiforme</i> agg.		29.0	01AC, 26ACB, 32BC, 33, 34, 34AA
<i>Asplenium trichomanes</i>	Dg	29.0	01AB, 02
<i>Asplenium ruta-muraria</i>	Dg	29.0	01AA, 01AB

Dominant species (1)

<i>Thamnobryum alopecurum</i>	Dg	4.0	01AB
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Alliance 01AA *Potentillion caulescentis*

Chasmophytic vegetation of insolated calcareous cliffs

No. of relevés: 21

Diagnostic species (3)

<i>Asplenium ruta-muraria</i>	C	33.8	01, 01AB, 26AC, 26ACC
<i>Encalypta streptocarpa</i>		23.4	01
<i>Tortula muralis</i>		21.8	02, 02AA

Constant species (1)

<i>Asplenium ruta-muraria</i>	Dg	86.0	01, 01AB
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Dominant species (0)

Alliance 01AB *Cystopteridion***Chasmophytic vegetation of shaded calcareous cliffs**

No. of relevés: 24

Diagnostic species (16)

<i>Gymnocarpium robertianum</i>	C	41.6	01, 03BA
<i>Preissia quadrata</i>		36.5	
<i>Thamnobryum alopecurum</i>	Dm	36.0	01
<i>Neckera crispa</i>	Dm	33.3	
<i>Apometzgeria pubescens</i>		30.6	01
<i>Orthothecium intricatum</i>		28.9	
<i>Cololejeunea rossettiana</i>		28.9	
<i>Pedinophyllum interruptum</i>		27.4	01
<i>Cystopteris fragilis</i>	C	26.8	01
<i>Anomodon attenuatus</i>		26.3	
<i>Phyllitis scolopendrium</i>	Dm	20.4	
<i>Neckera complanata</i>		20.4	01
<i>Eurhynchium crassinervium</i>		20.4	
<i>Asplenium trichomanes</i>	C	20.4	01
<i>Asplenium ruta-muraria</i>	C	19.2	01, 01AA, 26AC, 26ACC
<i>Mnium marginatum</i>		18.2	

Constant species (5)

<i>Cystopteris fragilis</i>	Dg	62.0	02
<i>Asplenium trichomanes</i>	Dg	54.0	01, 02
<i>Geranium robertianum</i>		50.0	03, 18BA, 32, 32AC, 36, 37AB, 41CA
<i>Asplenium ruta-muraria</i>	Dg	46.0	01, 01AA
<i>Gymnocarpium robertianum</i>	Dg	42.0	

Dominant species (4)

<i>Thamnobryum alopecurum</i>	Dg	12.0	01
<i>Phyllitis scolopendrium</i>	Dg	4.0	
<i>Neckera crispa</i>	Dg	4.0	
<i>Gymnostomum aeruginosum</i>		4.0	

Alliance 01AC *Asplenion serpentini***Chasmophytic vegetation of serpentine cliffs**

No. of relevés: 24

Diagnostic species (6)

<i>Asplenium adulterinum</i>	C	73.8	01
<i>Asplenium cuneifolium</i>	C, Dm	60.6	01, 34, 34AA
<i>Frullania tamarisci</i>		36.5	
<i>Metzgeria furcata</i>		28.9	
<i>Frullania dilatata</i>		28.9	
<i>Cerastium alsinifolium</i>		20.4	

Constant species (7)

<i>Asplenium cuneifolium</i>	Dg, Dm	88.0	34, 34AA
<i>Hypnum cupressiforme</i> agg.		75.0	01, 26ACB, 32BC, 33, 34, 34AA
<i>Silene vulgaris</i>		62.0	06BB, 22AD, 34
<i>Asplenium adulterinum</i>	Dg	58.0	
<i>Festuca ovina</i>		54.0	01BA, 22AB, 22BB, 24, 25, 25AC, 26BB, 32BC, 33, 33AA, 34, 34AA
<i>Campanula rotundifolia</i> agg.		46.0	01CA, 21AB, 22, 22AB, 26AEB
<i>Calamagrostis arundinacea</i>		42.0	06, 06BB, 22BC, 28, 28AA, 32BB, 33, 37, 37AB

Dominant species (1)

<i>Asplenium cuneifolium</i>	Dg, C	4.0	
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Alliance 01BA *Androsacion vandellii***Chasmophytic vegetation of siliceous cliffs**

No. of relevés: 16

Diagnostic species (2)

<i>Woodsia ilvensis</i>		40.8	
<i>Asplenium septentrionale</i>	C	27.2	26AA, 26AAA

Constant species (4)

<i>Asplenium septentrionale</i>	Dg	94.0	
<i>Rumex acetosella</i>		50.0	22BB, 23, 23AA, 24, 24AA, 25, 25AA, 25AB, 25AC, 25AD, 26AEB
<i>Polytrichum piliferum</i>		50.0	22BB, 25, 25AB, 26AAB
<i>Festuca ovina</i>		50.0	01AC, 22AB, 22BB, 24, 25, 25AC, 26BB, 32BC, 33, 33AA, 34, 34AA

Dominant species (1)

<i>Festuca pallens</i>		6.0	26AAB, 26AB, 26ACA
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Alliance 01CA *Agrostion alpinae***Cliff vegetation in the Sudeten cirques**

No. of relevés: 4

Diagnostic species (19)

<i>Festuca versicolor</i>	C	57.7	
<i>Scabiosa lucida</i>	C	50.0	
<i>Agrostis alpina</i>	C	50.0	
<i>Bartsia alpina</i>	C	38.7	18AC
<i>Primula minima</i>	C	37.8	
<i>Sedum alpestre</i>		28.9	
<i>Phyteuma orbiculare</i>	C	25.8	
<i>Thymus pulcherrimus</i> ssp. <i>sudeticus</i>		25.0	06BB
<i>Hedysarum hedysaroides</i>		25.0	
<i>Distichium capillaceum</i>		25.0	
<i>Bupleurum longif.</i> ssp. <i>vapincense</i>		25.0	06BB
<i>Oxystegus cylindricus</i>		22.3	06BB
<i>Carex atrata</i> agg.		22.3	
<i>Selaginella selaginoides</i>		20.4	18AC
<i>Nardia scalaris</i>		20.4	
<i>Asplenium viride</i>		20.4	
<i>Thymus alpestris</i>		18.9	
<i>Swertia perennis</i>	C	18.9	18AC
<i>Allium schoenop.</i> ssp. <i>alpinum</i>	C	18.9	18AC

Constant species (18)

<i>Vaccinium vitis-idaea</i>		75.0	04, 20, 20AA, 20AB, 22BA, 22BC, 35, 35AA, 35AC, 35AD
<i>Molinia caerulea</i> agg.		75.0	19AB, 21BE, 35AD
<i>Leontodon hispidus</i>		75.0	21AA, 21AB, 21AC, 21ACB
<i>Calluna vulgaris</i>		75.0	04, 04AA, 20, 20AA, 20AB, 22, 22AC, 22BA, 22BB, 35AA
<i>Bartsia alpina</i>	Dg	75.0	
<i>Swertia perennis</i>	Dg	50.0	18AC
<i>Scabiosa lucida</i>	Dg	50.0	
<i>Primula minima</i>	Dg	50.0	
<i>Pimpinella saxifraga</i>		50.0	21ACB, 22AB, 25, 26, 26AD, 26AEB, 26BA, 26BB, 34, 34AA
<i>Phyteuma orbiculare</i>	Dg	50.0	
<i>Parnassia palustris</i>		50.0	19AD, 19AF
<i>Knautia arvensis</i> agg.		50.0	21AA, 21ACB, 26, 26AEB, 26BA, 27, 27AB
<i>Galium saxatile</i>		50.0	37AC
<i>Galium boreale</i> ssp. <i>boreale</i>		50.0	
<i>Festuca versicolor</i>	Dg	50.0	
<i>Campanula rotundifolia</i> agg.		50.0	01AC, 21AB, 22, 22AB, 26AEB

<i>Allium schoenop. ssp. alpinum</i>	Dg	50.0	18AC
<i>Agrostis alpina</i>	Dg	50.0	

Dominant species (0)

Class 02 PARIETARIEA and Alliance 02AA *Centrantho-Parietarion*

Chasmophytic vegetation on walls

No. of relevés: 7

Diagnostic species (3)

<i>Cymbalaria muralis</i>	C	93.5	
<i>Corydalis lutea</i>		53.4	
<i>Tortula muralis</i>	C	28.3	01AA

Constant species (5)

<i>Cymbalaria muralis</i>	Dg	100.0	
<i>Taraxacum sect. Ruderalia</i>		71.0	21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BC, 37AB, 39, 39AA, 39AB, 39AC, 39BA, 39BB, 39BC, 39CA, 40, 40AB, 41, 41CB, 41CC, 42, 43, 43AAA, 43BA, 44, 44AA, 44AC, 44BA
<i>Chelidonium majus</i>		71.0	36, 36AA
<i>Tortula muralis</i>	Dg	43.0	
<i>Poa compressa</i>		43.0	25AA, 40, 42
<i>(Urtica dioica)</i>		29.0	13DA, 21BD, 30, 30AA, 30AC, 31, 31AA, 31BA, 32, 32AA, 32AAA, 32AAB, 32AC, 32ADB, 36, 36AA, 37, 37AB, 37BA, 39AB, 41, 41AA, 41BA, 41CA, 41CB, 41CC
<i>(Cystopteris fragilis)</i>		29.0	01AB
<i>(Corydalis lutea)</i>	Dg	29.0	
<i>(Campanula rapunculoides)</i>		29.0	44AB
<i>(Bryum argenteum)</i>		29.0	
<i>(Asplenium trichomanes)</i>		29.0	01, 01AB

Dominant species (0)

Class 03 THLASPIETEA ROTUNDIFOLII

Vegetation of screes

No. of relevés: 26

Diagnostic species (3)

<i>Teucrium botrys</i>	C	30.6	03BA
<i>Galeopsis angustifolia</i>	C	28.2	03BA
<i>Saxifraga rosacea ssp. sponhemica</i>	Dm	26.1	

Constant species (5)

<i>Galeopsis angustifolia</i>	Dg	42.0	03BA
<i>Teucrium botrys</i>	Dg	35.0	03BA
<i>Sedum album</i>		31.0	03BA, 25BA, 26AA, 26AAA, 26AAB, 26AB, 26AC, 26ACA, 26ACB
<i>Rubus idaeus</i>		27.0	06, 06AB, 28, 28AA, 32, 32AAA, 32ADB, 32ADD, 34, 37, 37AA, 37AB, 37AC, 37BA
<i>Geranium robertianum</i>		27.0	01AB, 18BA, 32, 32AC, 36, 37AB, 41CA

Dominant species (5)

<i>Sedum sexangulare</i>		8.0	
<i>Saxifraga rosacea ssp. sponhemica</i>	Dg	4.0	
<i>Parietaria officinalis</i>		4.0	03BA
<i>Gymnocarpium robertianum</i>		4.0	03BA
<i>Bupleurum falcatum</i>		4.0	03BA

Alliance 03AA *Androsacion alpinae***Vegetation of alpine siliceous screes**

No. of relevés: 1

Diagnostic species (2)

<i>Cryptogramma crista</i>	C	70.7	
<i>Racomitrium sudeticum</i>	C	26.7	

Constant species (4)

<i>Racomitrium sudeticum</i>	Dg	100.0	
<i>Cryptogramma crista</i>	Dg	100.0	
<i>Calamagrostis villosa</i>		100.0	04, 04AA, 05, 05AA, 06, 06AA, 06AB, 06BA, 06BB, 28, 28AA, 35, 35AB, 35AC, 35AD, 35BA, 37AC
<i>Avenella flexuosa</i>		100.0	04, 04AA, 04AB, 06, 06BA, 06BB, 06BC, 22, 22AA, 22AC, 22AD, 22BA, 22BC, 28, 32ADD, 32AE, 33, 33AA, 35, 35AA, 35AB, 35AC, 35BA, 37, 37AC

Dominant species (0)**Alliance 03BA *Stipion calamagrostis*****Vegetation of submontane calcareous screes**

No. of relevés: 17

Diagnostic species (3)

<i>Teucrium botrys</i>	C	37.9	03
<i>Galeopsis angustifolia</i>	C	25.4	03
<i>Gymnocarpium robertianum</i>	Dm	19.7	01, 01AB

Constant species (3)

<i>Teucrium botrys</i>	Dg	53.0	03
<i>Galeopsis angustifolia</i>	Dg	47.0	03
<i>Sedum album</i>		41.0	03, 25BA, 26AA, 26AAA, 26AAB, 26AB, 26AC, 26ACA, 26ACB

Dominant species (3)

<i>Parietaria officinalis</i>		6.0	03
<i>Gymnocarpium robertianum</i>	Dg	6.0	03
<i>Bupleurum falcatum</i>		6.0	03

Class 04 *JUNCETEA TRIFIDI***Siliceous alpine grasslands**

No. of relevés: 53

Diagnostic species (11)

<i>Hieracium alpinum</i>	C	44.5	04AA, 04AB, 22AA
<i>Carex bigelowii</i>	C	40.6	04AA, 04AB
<i>Festuca supina</i>	C, Dm	39.0	04AA
<i>Juncus trifidus</i>		32.0	04AA
<i>Agrostis rupestris</i>		31.7	04AA
<i>Thamnomia vermicularis</i>		31.1	04AA, 04AB
<i>Cetraria cucullata</i>		27.4	04AA, 04AB
<i>Huperzia selago</i>		23.1	04AA
<i>Cetraria islandica</i>	C	21.9	04AA, 22BA, 35AC
<i>Homogyne alpina</i>	C	20.0	04AB, 06BA, 35, 35AB, 35AC
<i>Racomitrium lanuginosum</i>		18.3	

Constant species (14)

<i>Avenella flexuosa</i>	Dm	89.0	03AA, 04AA, 04AB, 06, 06BA, 06BB, 06BC, 22, 22AA, 22AC, 22AD, 22BA, 22BC, 28, 32ADD, 32AE, 33, 33AA, 35, 35AA, 35AB, 35AC, 35BA, 37, 37AC
<i>Vaccinium myrtillus</i>		58.0	04AA, 04AB, 05, 05AA, 06, 06BA, 06BB, 20, 20AA, 20AB, 22, 22AA, 22AD, 22BA, 22BC, 28, 28AA, 32ADD, 32AE, 33, 33AA, 35, 35AA,

			35AB, 35AC, 35AD, 35BA, 37, 37AC
<i>Nardus stricta</i>	Dm	57.0	04AB, 05, 05AA, 22, 22AA, 22AB, 22AC, 22AD
<i>Homogyne alpina</i>	Dg	53.0	04AB, 06BA, 22AA, 35AC, 35BA
<i>Calluna vulgaris</i>		49.0	01CA, 04AA, 20, 20AA, 20AB, 22, 22AC, 22BA, 22BB, 35AA
<i>Bistorta major</i>		49.0	04AA, 04AB, 06, 06BA, 06BB, 06BC, 18AC, 21AB, 22, 22AA, 22AD, 28
<i>Hieracium alpinum</i>	Dg	43.0	04AB
<i>Festuca supina</i>	Dg, Dm	43.0	04AA
<i>Solidago virgaurea</i>		42.0	04AB, 05, 05AA, 06BB, 22AA, 28
<i>Calamagrostis villosa</i>		40.0	03AA, 04AA, 05, 05AA, 06, 06AA, 06AB, 06BA, 06BB, 28, 28AA, 35, 35AB, 35AC, 35AD, 35BA, 37AC
<i>Vaccinium vitis-idaea</i>		36.0	01CA, 20, 20AA, 20AB, 22BA, 22BC, 35, 35AA, 35AC, 35AD
<i>Cetraria islandica</i>	Dg	36.0	04AA
<i>Carex bigelowii</i>	Dg	36.0	04AB
<i>Anthoxanthum odoratum</i> agg.		36.0	04AB, 05, 05AA, 19, 19AF, 21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BBA, 21BE, 22, 22AA, 22AB, 22AC, 22AD
Dominant species (5)			
<i>Nardus stricta</i>	C	19.0	04AB, 05, 05AA, 22, 22AA, 22AB, 22AC, 22AD
<i>Molinia caerulea</i> agg.		13.0	04AA, 04AB, 06, 06BA, 18AC, 19AA, 19BC, 21BE, 31BA, 35AD
<i>Avenella flexuosa</i>	C	9.0	04AA, 04AB, 06BA, 06BC, 22, 22AB, 22AD, 22BC, 32AE, 35, 35AA, 35AB, 35AC, 37, 37AC
<i>Empetrum hermaphroditum</i>		6.0	04AA
<i>Festuca supina</i>	Dg, C	4.0	04AA

Alliance 04AA *Juncion trifidi***Wind-swept alpine grasslands**

No. of relevés: 30

Diagnostic species (10)

<i>Juncus trifidus</i>		42.6	04
<i>Festuca supina</i>	C, Dm	40.6	04
<i>Agrostis rupestris</i>		36.8	04
<i>Hieracium alpinum</i>		30.9	04, 04AB, 22AA
<i>Carex bigelowii</i>		25.5	04, 04AB
<i>Cetraria islandica</i>	C	23.1	04, 22BA, 35AC
<i>Huperzia selago</i>		22.4	04
<i>Thamnomia vermicularis</i>		20.7	04, 04AB
<i>Cladonia uncialis</i>		18.2	
<i>Cetraria cucullata</i>		18.2	04, 04AB

Constant species (7)

<i>Avenella flexuosa</i>	Dm	90.0	03AA, 04, 04AB, 06, 06BA, 06BB, 06BC, 22, 22AA, 22AC, 22AD, 22BA, 22BC, 28, 32ADD, 32AE, 33, 33AA, 35, 35AA, 35AB, 35AC, 35BA, 37, 37AC
<i>Calluna vulgaris</i>	Dm	63.0	01CA, 04, 20, 20AA, 20AB, 22, 22AC, 22BA, 22BB, 35AA
<i>Festuca supina</i>	Dg, Dm	60.0	04
<i>Vaccinium myrtillus</i>		57.0	04, 04AB, 05, 05AA, 06, 06BA, 06BB, 20, 20AA, 20AB, 22, 22AA, 22AD, 22BA, 22BC, 28, 28AA, 32ADD, 32AE, 33, 33AA, 35, 35AA, 35AB, 35AC, 35AD, 35BA, 37, 37AC
<i>Bistorta major</i>		53.0	04, 04AB, 06, 06BA, 06BB, 06BC, 18AC, 21AB, 22, 22AA, 22AD, 28
<i>Cetraria islandica</i>	Dg	50.0	04
<i>Calamagrostis villosa</i>		43.0	03AA, 04, 05, 05AA, 06, 06AA, 06AB, 06BA, 06BB, 28, 28AA, 35, 35AB, 35AC, 35AD,

			35BA, 37AC
Dominant species (6)			
<i>Empetrum hermaphroditum</i>		10.0	04
<i>Avenella flexuosa</i>	C	10.0	04, 04AB, 06BA, 06BC, 22, 22AB, 22AD, 22BC, 32AE, 35, 35AA, 35AB, 35AC, 37, 37AC
<i>Molinia caerulea</i> agg.		7.0	04, 04AB, 06, 06BA, 18AC, 19AA, 19BC, 21BE, 31BA, 35AD
<i>Festuca supina</i>	Dg, C	7.0	04
<i>Luzula sylvatica</i>		3.0	
<i>Calluna vulgaris</i>	C	3.0	22, 22AC, 22BA, 22BB

Alliance 04AB *Nardo-Caricion rigidae*

Closed alpine grasslands

No. of relevés: 23

Diagnostic species (8)

<i>Carex bigelowii</i>	C	32.5	04, 04AA
<i>Hieracium alpinum</i>	C	32.3	04, 04AA, 22AA
<i>Cetraria nivalis</i>		24.1	
<i>Thamnolia vermicularis</i>		23.6	04, 04AA
<i>Homogyne alpina</i>	C	20.8	04, 06BA, 35, 35AB, 35AC
<i>Cetraria cucullata</i>		20.8	04, 04AA
<i>Alectoria ochroleuca</i>		20.8	
<i>Diphasiastrum alpinum</i>		18.6	

Constant species (9)

<i>Nardus stricta</i>	Dm	100.0	04, 05, 05AA, 22, 22AA, 22AB, 22AC, 22AD
<i>Avenella flexuosa</i>	Dm	87.0	03AA, 04, 04AA, 06, 06BA, 06BB, 06BC, 22, 22AA, 22AC, 22AD, 22BA, 22BC, 28, 32ADD, 32AE, 33, 33AA, 35, 35AA, 35AB, 35AC, 35BA, 37, 37AC
<i>Homogyne alpina</i>	Dg	83.0	04, 06BA, 22AA, 35AC, 35BA
<i>Anthoxanthum odoratum</i> agg.		74.0	04, 05, 05AA, 19, 19AF, 21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BBA, 21BE, 22, 22AA, 22AB, 22AC, 22AD
<i>Vaccinium myrtillus</i>		61.0	04, 04AA, 05, 05AA, 06, 06BA, 06BB, 20, 20AA, 20AB, 22, 22AA, 22AD, 22BA, 22BC, 28, 28AA, 32ADD, 32AE, 33, 33AA, 35, 35AA, 35AB, 35AC, 35AD, 35BA, 37, 37AC
<i>Solidago virgaurea</i>		48.0	04, 05, 05AA, 06BB, 22AA, 28
<i>Hieracium alpinum</i>	Dg	48.0	04
<i>Carex bigelowii</i>	Dg	43.0	04
<i>Bistorta major</i>		43.0	04, 04AA, 06, 06BA, 06BB, 06BC, 18AC, 21AB, 22, 22AA, 22AD, 28

Dominant species (4)

<i>Nardus stricta</i>	C	43.0	04, 05, 05AA, 22, 22AA, 22AB, 22AC, 22AD
<i>Molinia caerulea</i> agg.		22.0	04, 04AA, 06, 06BA, 18AC, 19AA, 19BC, 21BE, 31BA, 35AD
<i>Avenella flexuosa</i>	C	9.0	04, 04AA, 06BA, 06BC, 22, 22AB, 22AD, 22BC, 32AE, 35, 35AA, 35AB, 35AC, 37, 37AC
<i>Festuca rubra</i> agg.		4.0	21AA, 21AC, 21ACA, 21BE, 22AD

Class 05 SALICETEA HERBACEAE and

Alliance 05AA *Salicion herbaceae*

Snow bed vegetation

No. of relevés: 2

Diagnostic species (0)

Constant species (22)

<i>Nardus stricta</i>	Dm	100.0	04, 04AB, 22, 22AA, 22AB, 22AC, 22AD
<i>Viola palustris</i>		50.0	19, 19AA, 19AC, 19AD, 19AF, 19BA, 19BB,

			19BC, 31
<i>Vaccinium myrtillus</i>	50.0		04, 04AA, 04AB, 06, 06BA, 06BB, 20, 20AA, 20AB, 22, 22AA, 22AD, 22BA, 22BC, 28, 28AA, 32ADD, 32AE, 33, 33AA, 35, 35AA, 35AB, 35AC, 35AD, 35BA, 37, 37AC
<i>Trientalis europaea</i>	50.0		06BA, 28, 35, 35AC, 35BA
<i>Sphagnum recurvum</i> agg.	50.0		19BC, 20, 20AB, 35AD
<i>Sphagnum palustre</i>	50.0		
<i>Solidago virgaurea</i>	50.0		04, 04AB, 06BB, 22AA, 28
<i>Potentilla erecta</i>	50.0		06, 06BA, 06BB, 06BC, 18AC, 19, 19AA, 19AB, 19AC, 19AD, 19AF, 19BC, 21ACB, 21BE, 22, 22AA, 22AB, 22AC, 22AD, 22BA
<i>Polytrichum formosum</i> agg.	50.0		32ADD, 32AE, 33, 35, 35AB, 35BA
<i>Polytrichum commune</i>	50.0		35, 35AD
<i>Pohlia nutans</i>	50.0		
<i>Hypochaeris uniflora</i>	50.0		
<i>Hieracium lachenalii</i>	50.0		33, 33AA
<i>Festuca rubra</i> agg.	50.0		19AA, 19AF, 21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BA, 21BB, 21BBA, 21BE, 22, 22AA, 22AB, 22AD
<i>Eriophorum vaginatum</i>	50.0		19BD, 20, 20AA, 20AB, 20BA, 35AD
<i>Eriophorum angustifolium</i>	50.0		19, 19AB, 19AC, 19AD, 19AE, 19AF, 19BB, 19BC
<i>Equisetum sylvaticum</i>	50.0		28, 32ADD
<i>Carex panicea</i>	50.0		19, 19AA, 19AB, 19AC, 19AD, 19AF, 21BBA, 21BE, 22AC
<i>Carex nigra</i>	50.0		19, 19AA, 19AB, 19AC, 19AD, 19AF, 19BA, 19BB, 19BC, 21, 21BB, 21BBA, 22AC
<i>Calamagrostis villosa</i>	50.0		03AA, 04, 04AA, 06, 06AA, 06AB, 06BA, 06BB, 28, 28AA, 35, 35AB, 35AC, 35AD, 35BA, 37AC
<i>Arnica montana</i>	50.0		
<i>Anthoxanthum odoratum</i> agg.	50.0		04, 04AB, 19, 19AF, 21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BBA, 21BE, 22, 22AA, 22AB, 22AC, 22AD
Dominant species (1)			
<i>Nardus stricta</i>	C	50.0	04, 04AB, 22, 22AA, 22AB, 22AC, 22AD

Class 06 *MULGEDIO-ACONITETEA*

Subalpine tall-herb vegetation

No. of relevés: 260

Diagnostic species (13)

<i>Rumex arifolius</i>	C	42.3	06AA, 06AB, 06BA
<i>Athyrium distentifolium</i>	C, Dm	38.6	06AA, 06AB, 35BA
<i>Veratrum album</i> ssp. <i>lobelianum</i>	C	37.4	06BA
<i>Cicerbita alpina</i>		32.3	06AA, 06AB, 32ADB
<i>Adenostyles alliariae</i>		29.7	06AA, 06AB
<i>Viola biflora</i>		29.4	06AA, 18AC
<i>Calamagrostis villosa</i>	C, Dm	28.6	06BA, 35, 35AB
<i>Gentiana asclepiadea</i>		27.1	06BA
<i>Aconitum plicatum</i>		26.8	06AA
<i>Ranunculus platanifolius</i>		25.2	
<i>Ligusticum mutellina</i>		24.7	06BA, 06BC
<i>Epilobium alpestre</i>		21.8	
<i>Trientalis europaea</i>		19.8	35, 35AB, 35BA
Constant species (16)			
<i>Calamagrostis villosa</i>	Dg, Dm	58.0	03AA, 04, 04AA, 05, 05AA, 06AA, 06AB, 06BA, 06BB, 28, 28AA, 35, 35AB, 35AC, 35AD, 35BA, 37AC
<i>Senecio nemorensis</i> agg.		48.0	06AA, 06AB, 06BB, 28, 28AA, 32, 32AA,

			32AAA, 32AC, 32AD, 32ADA, 32ADB, 32ADC, 32ADD, 32AE, 37, 37AB, 37BA
<i>Avenella flexuosa</i>		43.0	03AA, 04, 04AA, 04AB, 06BA, 06BB, 06BC, 22, 22AA, 22AC, 22AD, 22BA, 22BC, 28, 32ADD, 32AE, 33, 33AA, 35, 35AA, 35AB, 35AC, 35BA, 37, 37AC
<i>Rumex arifolius</i>	Dg	40.0	06AA, 06BC, 28, 28AA, 41CD
<i>Bistorta major</i>		40.0	04, 04AA, 04AB, 06BA, 06BB, 06BC, 18AC, 21AB, 22, 22AA, 22AD, 28
<i>Rubus idaeus</i>		37.0	03, 06AB, 28, 28AA, 32, 32AAA, 32ADB, 32ADD, 34, 37, 37AA, 37AB, 37AC, 37BA
<i>Athyrium distentifolium</i>	Dg, Dm	36.0	06AB, 28, 28AA, 35BA
<i>Veratrum album</i> ssp. <i>lobelianum</i>	Dg	35.0	06BA, 06BB, 28, 28AA, 41CD
<i>Vaccinium myrtillus</i>		35.0	04, 04AA, 04AB, 05, 05AA, 06BA, 06BB, 20, 20AA, 20AB, 22, 22AA, 22AD, 22BA, 22BC, 28, 28AA, 32ADD, 32AE, 33, 33AA, 35, 35AA, 35AB, 35AC, 35AD, 35BA, 37, 37AC
<i>Deschampsia cespitosa</i>	Dm	35.0	06AA, 06BC, 18AC, 21, 21AB, 21BA, 21BB, 21BBA, 21BE, 22, 22AD, 28, 31, 31AA, 32AA, 32AAA, 32AAB, 32ADD, 41CD
<i>Stellaria nemorum</i>		32.0	06AA, 06AB, 18, 32ADB, 35BA, 41BA
<i>Luzula luzuloides</i>		31.0	06BA, 06BB, 06BC, 22BC, 28, 28AA, 32AE, 33, 33AA, 37AB
<i>Potentilla erecta</i>		28.0	05, 05AA, 06BA, 06BB, 06BC, 18AC, 19, 19AA, 19AB, 19AC, 19AD, 19AF, 19BC, 21ACB, 21BE, 22, 22AA, 22AB, 22AC, 22AD, 22BA
<i>Calamagrostis arundinacea</i>	Dm	28.0	01AC, 06BB, 22BC, 28, 28AA, 32BB, 33, 37, 37AB
<i>Oxalis acetosella</i>		26.0	06AA, 06AB, 18, 32, 32AA, 32AAA, 32AC, 32AD, 32ADA, 32ADB, 32ADD, 32AE, 35, 35AB, 35BA
<i>Chaerophyllum hirsutum</i>		26.0	06AA, 18, 18AB, 18AC, 28, 28AA, 30, 32AAA, 41BA
Dominant species (7)			
<i>Calamagrostis villosa</i>	Dg, C	10.0	06BA, 28, 28AA, 32ADD, 35, 35AB, 35AC, 35AD, 37, 37AC
<i>Petasites albus</i>		9.0	06AA, 06AB, 18, 18AB, 32ADD, 41, 41BA
<i>Deschampsia cespitosa</i>	C	8.0	06AA, 06BC, 21BA, 22AC
<i>Athyrium distentifolium</i>	Dg, C	7.0	06AB, 35BA
<i>Molinia caerulea</i> agg.		5.0	04, 04AA, 04AB, 06BA, 18AC, 19AA, 19BC, 21BE, 31BA, 35AD
<i>Calamagrostis arundinacea</i>	C	4.0	06BB, 22BC, 27AB, 32AE
<i>Dryopteris filix-mas</i> agg.		3.0	06AB

Alliance 06AA *Adenostylon*

Subalpine tall-forb vegetation

No. of relevés: 53

Diagnostic species (8)

<i>Salix lapponum</i>	Dm	30.7	
<i>Viola biflora</i>		30.3	06, 18AC
<i>Adenostyles alliariae</i>	Dm	26.4	06, 06AB
<i>Cicerbita alpina</i>		25.2	06, 06AB, 32ADB
<i>Rumex arifolius</i>	C	23.7	06, 06AB, 06BA
<i>Drepanocladus uncinatus</i>		20.4	
<i>Aconitum plicatum</i>		19.4	06
<i>Athyrium distentifolium</i>		19.1	06, 06AB, 35BA
Constant species (9)			
<i>Chaerophyllum hirsutum</i>		66.0	06, 18, 18AB, 18AC, 28, 28AA, 30, 32AAA, 41BA
<i>Senecio nemorensis</i> agg.		62.0	06, 06AB, 06BB, 28, 28AA, 32, 32AA, 32AAA,

			32AC, 32AD, 32ADA, 32ADB, 32ADC, 32ADD, 32AE, 37, 37AB, 37BA
<i>Deschampsia cespitosa</i>	Dm	58.0	06, 06BC, 18AC, 21, 21AB, 21BA, 21BB, 21BBA, 21BE, 22, 22AD, 28, 31, 31AA, 32AA, 32AAA, 32AAB, 32ADD, 41CD
<i>Calamagrostis villosa</i>		57.0	03AA, 04, 04AA, 05, 05AA, 06, 06AB, 06BA, 06BB, 28, 28AA, 35, 35AB, 35AC, 35AD, 35BA, 37AC
<i>Stellaria nemorum</i>	Dm	55.0	06, 06AB, 18, 32ADB, 35BA, 41BA
<i>Rumex arifolius</i>	Dg	49.0	06, 06BC, 28, 28AA, 41CD
<i>Crepis paludosa</i>		47.0	18AC, 28, 28AA, 31
<i>Petasites albus</i>	Dm	42.0	32ADB, 41BA
<i>Oxalis acetosella</i>		42.0	06, 06AB, 18, 32, 32AA, 32AAA, 32AC, 32AD, 32ADA, 32ADB, 32ADD, 32AE, 35, 35AB, 35BA
Dominant species (5)			
<i>Petasites albus</i>	C	11.0	06, 06AB, 18, 18AB, 32ADD, 41, 41BA
<i>Adenostyles alliariae</i>	Dg	8.0	35BA
<i>Deschampsia cespitosa</i>	C	6.0	06, 06BC, 21BA, 22AC
<i>Stellaria nemorum</i>	C	4.0	32ADB
<i>Salix lapponum</i>	Dg	4.0	

Alliance 06AB *Dryopterido-Athyrium***Subalpine tall-fern vegetation**

No. of relevés: 71

Diagnostic species (4)

<i>Athyrium distentifolium</i>	C, Dm	31.6	06, 06AA, 35BA
<i>Cicerbita alpina</i>		29.1	06, 06AA, 32ADB
<i>Adenostyles alliariae</i>		22.8	06, 06AA
<i>Rumex arifolius</i>		21.1	06, 06AA, 06BA

Constant species (7)

<i>Rubus idaeus</i>		69.0	03, 06, 28, 28AA, 32, 32AAA, 32ADB, 32ADD, 34, 37, 37AA, 37AB, 37AC, 37BA
<i>Senecio nemorensis</i> agg.		63.0	06, 06AA, 06BB, 28, 28AA, 32, 32AA, 32AAA, 32AC, 32AD, 32ADA, 32ADB, 32ADC, 32ADD, 32AE, 37, 37AB, 37BA
<i>Stellaria nemorum</i>		56.0	06, 06AA, 18, 32ADB, 35BA, 41BA
<i>Athyrium distentifolium</i>	Dg, Dm	56.0	06, 28, 28AA, 35BA
<i>Dryopteris filix-mas</i> agg.	Dm	52.0	06BB, 32, 32AC, 32AD, 32ADA, 32ADB
<i>Oxalis acetosella</i>		49.0	06, 06AA, 18, 32, 32AA, 32AAA, 32AC, 32AD, 32ADA, 32ADB, 32ADD, 32AE, 35, 35AB, 35BA
<i>Calamagrostis villosa</i>		44.0	03AA, 04, 04AA, 05, 05AA, 06, 06AA, 06BA, 06BB, 28, 28AA, 35, 35AB, 35AC, 35AD, 35BA, 37AC

Dominant species (3)

<i>Athyrium distentifolium</i>	Dg, C	25.0	06, 35BA
<i>Petasites albus</i>		21.0	06, 06AA, 18, 18AB, 32ADD, 41, 41BA
<i>Dryopteris filix-mas</i> agg.	C	13.0	06

Alliance 06BA *Calamagrostion villosae***Subalpine tall grasslands with *Calamagrostis villosa***

No. of relevés: 72

Diagnostic species (8)

<i>Veratrum album</i> ssp. <i>lobelianum</i>	C	25.3	06
<i>Calamagrostis villosa</i>	C, Dm	24.2	06, 35, 35AB
<i>Gentiana asclepiadea</i>		22.3	06
<i>Campanula barbata</i>		20.3	
<i>Homogyne alpina</i>	C	19.5	04, 04AB, 35, 35AB, 35AC

<i>Rumex arifolius</i>		19.4	06, 06AA, 06AB
<i>Crepis conyzifolia</i>		19.0	22AD
<i>Ligusticum mutellina</i>		18.5	06, 06BC
Constant species (9)			
<i>Calamagrostis villosa</i>	Dg, Dm	90.0	03AA, 04, 04AA, 05, 05AA, 06, 06AA, 06AB, 06BB, 28, 28AA, 35, 35AB, 35AC, 35AD, 35BA, 37AC
<i>Avenella flexuosa</i>	Dm	86.0	03AA, 04, 04AA, 04AB, 06, 06BB, 06BC, 22, 22AA, 22AC, 22AD, 22BA, 22BC, 28, 32ADD, 32AE, 33, 33AA, 35, 35AA, 35AB, 35AC, 35BA, 37, 37AC
<i>Vaccinium myrtillus</i>	Dm	65.0	04, 04AA, 04AB, 05, 05AA, 06, 06BB, 20, 20AA, 20AB, 22, 22AA, 22AD, 22BA, 22BC, 28, 28AA, 32ADD, 32AE, 33, 33AA, 35, 35AA, 35AB, 35AC, 35AD, 35BA, 37, 37AC
<i>Bistorta major</i>		58.0	04, 04AA, 04AB, 06, 06BB, 06BC, 18AC, 21AB, 22, 22AA, 22AD, 28
<i>Luzula luzuloides</i>	Dm	49.0	06, 06BB, 06BC, 22BC, 28, 28AA, 32AE, 33, 33AA, 37AB
<i>Veratrum album</i> ssp. <i>lobelianum</i>	Dg	44.0	06, 06BB, 28, 28AA, 41CD
<i>Potentilla erecta</i>		44.0	05, 05AA, 06, 06BB, 06BC, 18AC, 19, 19AA, 19AB, 19AC, 19AD, 19AF, 19BC, 21ACB, 21BE, 22, 22AA, 22AB, 22AC, 22AD, 22BA
<i>Homogyne alpina</i>	Dg	44.0	04, 04AB, 22AA, 35AC, 35BA
<i>Trientalis europaea</i>		42.0	05, 05AA, 28, 35, 35AC, 35BA
Dominant species (5)			
<i>Calamagrostis villosa</i>	Dg, C	36.0	06, 28, 28AA, 32ADD, 35, 35AB, 35AC, 35AD, 37, 37AC
<i>Molinia caerulea</i> agg.		17.0	04, 04AA, 04AB, 06, 18AC, 19AA, 19BC, 21BE, 31BA, 35AD
<i>Avenella flexuosa</i>	C	6.0	04, 04AA, 04AB, 06BC, 22, 22AB, 22AD, 22BC, 32AE, 35, 35AA, 35AB, 35AC, 37, 37AC
<i>Vaccinium myrtillus</i>	C	4.0	20, 20AB, 22, 22BA, 22BC, 33, 33AA, 35, 35AA, 35AC, 35AD
<i>Luzula luzuloides</i>	C	4.0	32AE, 33, 33AA

Alliance 06BB *Calamagrostion arundinaceae*

Subalpine tall grasslands with *Calamagrostis arundinacea*

No. of relevés: 21

Diagnostic species (6)

<i>Thymus pulcherrimus</i> ssp. <i>sudeticus</i>	32.7	01CA
<i>Thesium alpinum</i>	25.1	
<i>Delphinium elatum</i>	24.7	
<i>Bupleurum longifolium</i> ssp. <i>vapincense</i>	21.8	01CA
<i>Oxystegus cylindricus</i>	19.5	01CA
<i>Anemone narcissiflora</i>	18.5	

Constant species (13)

<i>Calamagrostis arundinacea</i>	Dm	100.0	01AC, 06, 22BC, 28, 28AA, 32BB, 33, 37, 37AB
<i>Avenella flexuosa</i>		62.0	03AA, 04, 04AA, 04AB, 06, 06BA, 06BC, 22, 22AA, 22AC, 22AD, 22BA, 22BC, 28, 32ADD, 32AE, 33, 33AA, 35, 35AA, 35AB, 35AC, 35BA, 37, 37AC
<i>Veratrum album</i> ssp. <i>lobelianum</i>		52.0	06, 06BA, 28, 28AA, 41CD
<i>Vaccinium myrtillus</i>		52.0	04, 04AA, 04AB, 05, 05AA, 06, 06BA, 20, 20AA, 20AB, 22, 22AA, 22AD, 22BA, 22BC, 28, 28AA, 32ADD, 32AE, 33, 33AA, 35, 35AA, 35AB, 35AC, 35AD, 35BA, 37, 37AC
<i>Silene vulgaris</i>		52.0	01AC, 22AD, 34
<i>Senecio nemorensis</i> agg.		52.0	06, 06AA, 06AB, 28, 28AA, 32, 32AA, 32AAA, 32AC, 32AD, 32ADA, 32ADB, 32ADC,

			32ADD, 32AE, 37, 37AB, 37BA
<i>Luzula luzuloides</i>	52.0		06, 06BA, 06BC, 22BC, 28, 28AA, 32AE, 33, 33AA, 37AB
<i>Bistorta major</i>	52.0		04, 04AA, 04AB, 06, 06BA, 06BC, 18AC, 21AB, 22, 22AA, 22AD, 28
<i>Calamagrostis villosa</i>	48.0		03AA, 04, 04AA, 05, 05AA, 06, 06AA, 06AB, 06BA, 28, 28AA, 35, 35AB, 35AC, 35AD, 35BA, 37AC
<i>Solidago virgaurea</i>	43.0		04, 04AB, 05, 05AA, 22AA, 28
<i>Potentilla erecta</i>	43.0		05, 05AA, 06, 06BA, 06BC, 18AC, 19, 19AA, 19AB, 19AC, 19AD, 19AF, 19BC, 21ACB, 21BE, 22, 22AA, 22AB, 22AC, 22AD, 22BA
<i>Lilium martagon</i>	43.0		
<i>Dryopteris filix-mas</i> agg.	43.0		06AB, 32, 32AC, 32AD, 32ADA, 32ADB
Dominant species (3)			
<i>Calamagrostis arundinacea</i>	C	48.0	06, 22BC, 27AB, 32AE
<i>Sorbus sudetica</i>		5.0	
<i>Fagus sylvatica</i>		5.0	32, 32AC, 32AD, 32ADA, 32ADB, 32ADC, 32ADD, 32AE

Alliance 06BC *Poo chaixii-Deschampsia cespitosae*

Subalpine grasslands with *Deschampsia cespitosa*

No. of relevés: 24

Diagnostic species (1)

Ligusticum mutellina 26.4 06, 06BA

Constant species (6)

<i>Deschampsia cespitosa</i>	Dm	96.0	06, 06AA, 18AC, 21, 21AB, 21BA, 21BB, 21BBA, 21BE, 22, 22AD, 28, 31, 31AA, 32AA, 32AAA, 32AAB, 32ADD, 41CD
<i>Bistorta major</i>	Dm	79.0	04, 04AA, 04AB, 06, 06BA, 06BB, 18AC, 21AB, 22, 22AA, 22AD, 28
<i>Avenella flexuosa</i>	Dm	54.0	03AA, 04, 04AA, 04AB, 06, 06BA, 06BB, 22, 22AA, 22AC, 22AD, 22BA, 22BC, 28, 32ADD, 32AE, 33, 33AA, 35, 35AA, 35AB, 35AC, 35BA, 37, 37AC
<i>Luzula luzuloides</i>		50.0	06, 06BA, 06BB, 22BC, 28, 28AA, 32AE, 33, 33AA, 37AB
<i>Rumex arifolius</i>		42.0	06, 06AA, 28, 28AA, 41CD
<i>Potentilla erecta</i>		42.0	05, 05AA, 06, 06BA, 06BB, 18AC, 19, 19AA, 19AB, 19AC, 19AD, 19AF, 19BC, 21ACB, 21BE, 22, 22AA, 22AB, 22AC, 22AD, 22BA

Dominant species (5)

<i>Deschampsia cespitosa</i>	C	75.0	06, 06AA, 21BA, 22AC
<i>Bistorta major</i>	C	8.0	21BBA, 22AD
<i>Veratrum album</i> ssp. <i>lobelianum</i>		4.0	
<i>Rhynchospora squarrosus</i>		4.0	21AB
<i>Avenella flexuosa</i>	C	4.0	04, 04AA, 04AB, 06BA, 22, 22AB, 22AD, 22BC, 32AE, 35, 35AA, 35AB, 35AC, 37, 37AC

Class 07 LEMNETEA

Pleustonic vegetation of eutrophic to mesotrophic still waters

No. of relevés: 415

Diagnostic species (7)

<i>Lemna minor</i>	C, Dm	47.1	07AA, 07CA, 09, 09AA, 13, 13AA
<i>Spirodela polyrhiza</i>	C, Dm	41.5	07AA, 09
<i>Ceratophyllum demersum</i>	C, Dm	38.0	07CA, 09
<i>Lemna trisulca</i>	Dm	30.6	07CA
<i>Lemna gibba</i>	Dm	23.4	07AA
<i>Utricularia australis</i>	Dm	22.5	07BA

<i>Hydrocharis morsus-ranae</i>	Dm	19.3	07CA
Constant species (3)			
<i>Lemna minor</i>	Dg, Dm	86.0	07AA, 07BA, 07CA, 09, 09AA, 09AB, 09ABB, 09AC, 09BB, 11
<i>Spirodela polyrhiza</i>	Dg, Dm	51.0	07AA, 07CA
<i>Ceratophyllum demersum</i>	Dg, Dm	32.0	07CA
Dominant species (7)			
<i>Lemna minor</i>	Dg, C	34.0	07AA, 07BA, 07CA
<i>Ceratophyllum demersum</i>	Dg, C	17.0	07CA
<i>Spirodela polyrhiza</i>	Dg, C	9.0	07AA
<i>Utricularia australis</i>	Dg	7.0	07BA
<i>Lemna gibba</i>	Dg	7.0	07AA, 13BA
<i>Lemna trisulca</i>	Dg	6.0	07AA
<i>Hydrocharis morsus-ranae</i>	Dg	4.0	07CA

Alliance 07AA *Lemnion minoris*

Pleustonic vegetation with *Lemnaceae* spp.

No. of relevés: 276

Diagnostic species (3)

<i>Lemna minor</i>	C, Dm	40.2	07, 07CA, 09, 09AA, 13, 13AA
<i>Spirodela polyrhiza</i>	C, Dm	38.8	07, 09
<i>Lemna gibba</i>	Dm	19.2	07

Constant species (2)

<i>Lemna minor</i>	Dg, Dm	90.0	07, 07BA, 07CA, 09, 09AA, 09AB, 09ABB, 09AC, 09BB, 11
<i>Spirodela polyrhiza</i>	Dg, Dm	58.0	07, 07CA

Dominant species (4)

<i>Lemna minor</i>	Dg, C	49.0	07, 07BA, 07CA
<i>Spirodela polyrhiza</i>	Dg, C	13.0	07
<i>Lemna gibba</i>	Dg	11.0	07, 13BA
<i>Lemna trisulca</i>		9.0	07

Alliance 07BA *Utricularion vulgaris*

Free-floating vegetation with *Utricularia australis* and *U. vulgaris*

No. of relevés: 43

Diagnostic species (1)

<i>Utricularia australis</i>	C, Dm	49.0	07
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Constant species (2)

<i>Utricularia australis</i>	Dg, Dm	93.0	11, 11AA
<i>Lemna minor</i>	Dm	88.0	07, 07AA, 07CA, 09, 09AA, 09AB, 09ABB, 09AC, 09BB, 11

Dominant species (3)

<i>Utricularia australis</i>	Dg, C	67.0	07
<i>Utricularia vulgaris</i>		7.0	
<i>Lemna minor</i>	C	5.0	07, 07AA, 07CA

Alliance 07CA *Hydrocharition*

Vegetation of free-floating aquatic macrophytes

No. of relevés: 96

Diagnostic species (5)

<i>Ceratophyllum demersum</i>	C, Dm	54.2	07, 09
<i>Hydrocharis morsus-ranae</i>	Dm	34.3	07
<i>Lemna trisulca</i>		22.1	07
<i>Stratiotes aloides</i>		21.7	
<i>Lemna minor</i>	C, Dm	19.0	07, 07AA, 09, 09AA, 13, 13AA

Constant species (3)

<i>Ceratophyllum demersum</i>	Dg, Dm	92.0	07
<i>Lemna minor</i>	Dg, Dm	74.0	07, 07AA, 07BA, 09, 09AA, 09AB, 09ABB, 09AC, 09BB, 11
<i>Spirodela polyrhiza</i>		46.0	07, 07AA

Dominant species (3)

<i>Ceratophyllum demersum</i>	Dg, C	69.0	07
<i>Hydrocharis morsus-ranae</i>	Dg	18.0	07
<i>Lemna minor</i>	Dg, C	3.0	07, 07AA, 07BA

Class 08 CHARETEA FRAGILIS**Charophyceae vegetation**

No. of relevés: 14

Diagnostic species (4)

<i>Chara hispida</i>	Dm	46.3	08BA
<i>Chara vulgaris</i>	C, Dm	44.1	08BB
<i>Nitella flexilis</i>	Dm	30.8	08AA
<i>Chara fragilis</i>	Dm	26.7	08BA, 08BC

Constant species (1)

<i>Chara vulgaris</i>	Dg, Dm	50.0	08BB
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Dominant species (4)

<i>Chara vulgaris</i>	Dg, C	43.0	08BB
<i>Chara hispida</i>	Dg	21.0	08BA
<i>Nitella flexilis</i>	Dg	14.0	08AA
<i>Chara fragilis</i>	Dg	7.0	08BC

Alliance 08AA *Nitellion flexilis***Charophyceae vegetation of oligotrophic waters**

No. of relevés: 2

Diagnostic species (1)

<i>Nitella flexilis</i>	C, Dm	81.6	08
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Constant species (4)

<i>Nitella flexilis</i>	Dg, Dm	100.0	
<i>Glyceria fluitans</i>		50.0	10, 13DB
<i>Fontinalis antipyretica</i>		50.0	
<i>Callitriche cophocarpa</i>		50.0	

Dominant species (1)

<i>Nitella flexilis</i>	Dg, C	100.0	08
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Alliance 08BA *Charion asperae***Charophyceae vegetation of lime-rich waters**

No. of relevés: 3

Diagnostic species (2)

<i>Chara hispida</i>	C, Dm	100.0	08
<i>Chara fragilis</i>		28.9	08, 08BC

Constant species (1)

<i>Chara hispida</i>	Dg, Dm	100.0	
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Dominant species (1)

<i>Chara hispida</i>	Dg, C	100.0	08
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Alliance 08BB *Charion vulgaris***Charophyceae vegetation of eutrophic waters**

No. of relevés: 7

Diagnostic species (2)

<i>Chara vulgaris</i>	C, Dm	62.3	08
<i>Potamogeton acutifolius</i>		18.9	

Constant species (1)			
<i>Chara vulgaris</i>	Dg, Dm	100.0	08
Dominant species (1)			
<i>Chara vulgaris</i>	Dg, C	86.0	08

Alliance 08BC *Charion fragilis*

Charophyceae vegetation of lime-rich waters

No. of relevés: 1

Diagnostic species (1)			
<i>Chara fragilis</i>	C, Dm	50.0	08, 08BA
Constant species (4)			
<i>Sagittaria sagittifolia</i>		100.0	
<i>Potamogeton pectinatus</i>		100.0	09AC
<i>Myriophyllum spicatum</i>		100.0	
<i>Chara fragilis</i>	Dg, Dm	100.0	
Dominant species (1)			
<i>Chara fragilis</i>	Dg, C	100.0	08

Class 09 POTAMETEA

Aquatic vegetation of mesotrophic and eutrophic waters

No. of relevés: 725

Diagnostic species (18)			
<i>Potamogeton pectinatus</i>	Dm	37.5	09AC
<i>Elodea canadensis</i>	Dm	33.1	09AB, 09ABB
<i>Potamogeton crispus</i>		32.5	09AC
<i>Myriophyllum spicatum</i>	Dm	32.2	09AB, 09ABB
<i>Lemna minor</i>	C	31.2	07, 07AA, 07CA, 09AA, 13, 13AA
<i>Potamogeton pusillus</i>		30.5	09AC
<i>Potamogeton natans</i>	Dm	29.7	09AA
<i>Nuphar lutea</i>	Dm	27.3	09AA
<i>Batrachium fluitans</i>		24.5	09BA
<i>Batrachium aquatile</i>		24.0	09BA, 09BB
<i>Potamogeton lucens</i>	Dm	22.0	09AB, 09ABB
<i>Batrachium circinatum</i>		22.0	09BB
<i>Ceratophyllum demersum</i>		21.7	07, 07CA
<i>Callitriche hamulata</i>		21.6	09BA
<i>Zamichellia palustris</i>		20.3	09AC
<i>Spirodela polyrhiza</i>		19.6	07, 07AA
<i>Myriophyllum verticillatum</i>		18.5	
<i>Fontinalis antipyretica</i>		18.4	09BA
Constant species (1)			
<i>Lemna minor</i>	Dg	46.0	07, 07AA, 07BA, 07CA, 09AA, 09AB, 09ABB, 09AC, 09BB, 11
Dominant species (6)			
<i>Potamogeton pectinatus</i>	Dg	8.0	09AB, 09ABB, 09AC
<i>Elodea canadensis</i>	Dg	8.0	09AB, 09ABB
<i>Potamogeton natans</i>	Dg	7.0	09AA
<i>Nuphar lutea</i>	Dg	7.0	09AA
<i>Potamogeton lucens</i>	Dg	4.0	09AB, 09ABB
<i>Myriophyllum spicatum</i>	Dg	3.0	09AB, 09ABB

Alliance 09AA *Nymphaeion albae*

Vegetation of rooted aquatics with floating leaves in still waters

No. of relevés: 171

Diagnostic species (5)			
<i>Nuphar lutea</i>	C, Dm	51.9	09
<i>Potamogeton natans</i>	C, Dm	37.4	09
<i>Nymphaea candida</i>		26.4	

<i>Nymphaea alba</i>	Dm	25.3	
<i>Lemna minor</i>	C	18.6	07, 07AA, 07CA, 09, 13, 13AA
Constant species (3)			
<i>Lemna minor</i>	Dg	56.0	07, 07AA, 07BA, 07CA, 09, 09AB, 09ABB, 09AC, 09BB, 11
<i>Nuphar lutea</i>	Dg, Dm	46.0	
<i>Potamogeton natans</i>	Dg, Dm	43.0	09ABA
Dominant species (4)			
<i>Nuphar lutea</i>	Dg, C	30.0	09
<i>Potamogeton natans</i>	Dg, C	28.0	09
<i>Persicaria amphibia</i>		4.0	
<i>Nymphaea alba</i>	Dg	4.0	

Alliance 09AB *Magnopotamion*

Submerged vegetation of rooted broad-leaved aquatics in still waters

No. of relevés: 212

Diagnostic species (5)

<i>Elodea canadensis</i>	Dm	36.7	09, 09ABB
<i>Myriophyllum spicatum</i>	Dm	35.9	09, 09ABB
<i>Potamogeton lucens</i>	Dm	24.3	09, 09ABB
<i>Potamogeton nodosus</i>	Dm	21.4	
<i>Potamogeton alpinus</i>	Dm	20.3	09ABB

Constant species (1)

<i>Lemna minor</i>		47.0	07, 07AA, 07BA, 07CA, 09, 09AA, 09ABB, 09AC, 09BB, 11
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Dominant species (6)

<i>Elodea canadensis</i>	Dg	28.0	09, 09ABB
<i>Potamogeton lucens</i>	Dg	14.0	09, 09ABB
<i>Myriophyllum spicatum</i>	Dg	11.0	09, 09ABB
<i>Potamogeton nodosus</i>	Dg	7.0	
<i>Potamogeton alpinus</i>	Dg	4.0	09ABB
<i>Potamogeton pectinatus</i>		3.0	09, 09ABB, 09AC

Suballiance 09ABA *Potamenion polygonifolii*

Submerged vegetation of rooted broad-leaved aquatics in shallow still waters

No. of relevés: 5

Diagnostic species (1)

<i>Potamogeton gramineus</i>	C, Dm	47.1	
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Constant species (4)

<i>Potamogeton gramineus</i>	Dg, Dm	100.0	
<i>Potamogeton natans</i>		50.0	09AA
<i>Phragmites australis</i>		50.0	19BB
<i>Alisma plantago-aquatica</i>		50.0	10, 12, 12AA

Dominant species (1)

<i>Potamogeton gramineus</i>	Dg, C	100.0	
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Suballiance 09ABB *Potamenion lucentis*

Submerged vegetation of rooted broad-leaved aquatics in deep still waters

No. of relevés: 187

Diagnostic species (4)

<i>Elodea canadensis</i>	Dm	38.1	09, 09AB
<i>Myriophyllum spicatum</i>	Dm	35.8	09, 09AB
<i>Potamogeton lucens</i>	Dm	25.1	09, 09AB
<i>Potamogeton alpinus</i>	Dm	21.6	09AB

Constant species (1)

<i>Lemna minor</i>		47.0	07, 07AA, 07BA, 07CA, 09, 09AA, 09AB, 09AC, 09BB, 11
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Dominant species (5)

<i>Elodea canadensis</i>	Dg	32.0	09, 09AB
<i>Potamogeton lucens</i>	Dg	16.0	09, 09AB
<i>Myriophyllum spicatum</i>	Dg	13.0	09, 09AB
<i>Potamogeton pectinatus</i>		4.0	09, 09AB, 09AC
<i>Potamogeton alpinus</i>	Dg	4.0	09AB

Alliance 09AC *Parvopotamion***Submerged vegetation of rooted narrow-leaved aquatics**

No. of relevés: 130

Diagnostic species (6)

<i>Potamogeton pectinatus</i>	C, Dm	35.9	09
<i>Potamogeton crispus</i>	Dm	35.4	09
<i>Zannichellia palustris</i>	Dm	30.5	09
<i>Potamogeton pusillus</i>	Dm	23.2	09
<i>Potamogeton obtusifolius</i>	Dm	21.2	
<i>Potamogeton trichoides</i>	Dm	19.7	

Constant species (2)

<i>Potamogeton pectinatus</i>	Dg, Dm	45.0	08BC
<i>Lemna minor</i>		45.0	07, 07AA, 07BA, 07CA, 09, 09AA, 09AB, 09ABB, 09BB, 11

Dominant species (6)

<i>Potamogeton pectinatus</i>	Dg, C	26.0	09, 09AB, 09ABB
<i>Potamogeton crispus</i>	Dg	12.0	
<i>Potamogeton obtusifolius</i>	Dg	7.0	
<i>Potamogeton trichoides</i>	Dg	5.0	
<i>Potamogeton pusillus</i>	Dg	5.0	
<i>Zannichellia palustris</i>	Dg	3.0	

Alliance 09BA *Batrachion fluitantis***Submerged vegetation of running waters**

No. of relevés: 53

Diagnostic species (6)

<i>Batrachium fluitans</i>	C, Dm	64.7	09
<i>Callitriche hamulata</i>	C, Dm	40.0	09
<i>Myriophyllum alterniflorum</i>		37.2	
<i>Fontinalis antipyretica</i>		31.6	09
<i>Rhynchosstegium riparioides</i>	Dm	25.9	
<i>Batrachium aquatile</i>	Dm	19.4	09, 09BB

Constant species (2)

<i>Batrachium fluitans</i>	Dg, Dm	62.0	
<i>Callitriche hamulata</i>	Dg, Dm	43.0	

Dominant species (4)

<i>Batrachium fluitans</i>	Dg, C	34.0	
<i>Callitriche hamulata</i>	Dg, C	13.0	
<i>Rhynchosstegium riparioides</i>	Dg	4.0	
<i>Batrachium aquatile</i>	Dg	4.0	09BB

Alliance 09BB *Batrachion aquatilis***Vegetation of shallow still waters with *Batrachium* spp.**

No. of relevés: 87

Diagnostic species (3)

<i>Hottonia palustris</i>	Dm	32.3	
<i>Batrachium aquatile</i>	Dm	28.4	09, 09BA
<i>Batrachium circinatum</i>	Dm	20.7	09

Constant species (1)

<i>Lemna minor</i>		49.0	07, 07AA, 07BA, 07CA, 09, 09AA, 09AB, 09ABB, 09AC, 11
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Dominant species (4)

<i>Batrachium circinatum</i>	Dg	18.0	
<i>Batrachium aquatile</i>	Dg	17.0	09BA
<i>Hottonia palustris</i>	Dg	13.0	
<i>Callitriche cophocarpa</i>		6.0	

Class 10 ISOËTO-LITTORELLETEA and Alliance 10AB Littorellion uniflorae

Vegetation of perennial amphibious herbs

No. of relevés: 58

Diagnostic species (5)

<i>Eleocharis acicularis</i>	C, Dm	49.1	10AB, 12
<i>Littorella uniflora</i>	Dm	31.6	10AB
<i>Illecebrum verticillatum</i>	Dm	27.8	10AB
<i>Juncus bulbosus</i>	C, Dm	26.7	10AB, 19AD
<i>Elatine hexandra</i>		21.8	10AB

Constant species (6)

<i>Eleocharis acicularis</i>	Dg, Dm	72.0	10AB
(<i>Ranunculus flammula</i>)		38.0	10AB, 12AB
(<i>Juncus bulbosus</i>)	Dg, Dm	34.0	19AD
(<i>Alisma plantago-aquatica</i>)		33.0	09ABA, 12, 12AA
(<i>Alopecurus aequalis</i>)		31.0	12, 12AA, 38
(<i>Glyceria fluitans</i>)		28.0	08AA, 13DB

Dominant species (4)

<i>Eleocharis acicularis</i>	Dg, C	41.0	10AB
<i>Juncus bulbosus</i>	Dg, C	7.0	10AB
<i>Littorella uniflora</i>	Dg	3.0	
<i>Illecebrum verticillatum</i>	Dg	3.0	10AB

Class 11 UTRICULARIETEA and Alliance 11AA Sphagno-Utricularion

Submerged vegetation of oligotrophic lakes and pools

No. of relevés: 12

Diagnostic species (1)

<i>Sparganium natans</i>	C, Dm	77.0	
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Constant species (2)

<i>Sparganium natans</i>	Dg, Dm	92.0	
<i>Utricularia australis</i>		50.0	07BA
(<i>Lemna minor</i>)		33.0	07, 07AA, 07BA, 07CA, 09, 09AA, 09AB, 09ABB, 09AC, 09BB
(<i>Eleocharis palustris</i> agg.)		33.0	17, 17AA

Dominant species (1)

<i>Sparganium natans</i>	Dg, C	58.0	
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Class 12 ISOËTO-NANOJUNCETEA

Vegetation of annual hygrophilous herbs

No. of relevés: 129

Diagnostic species (26)

<i>Eleocharis ovata</i>	C	45.9	12AA
<i>Carex bohemica</i>	C, Dm	42.9	12AA, 38, 38AA
<i>Peplis portula</i>	C, Dm	41.8	12AA
<i>Juncus bufonius</i> agg.	C, Dm	41.3	12AA
<i>Alopecurus aequalis</i>	C	38.0	12AA, 38, 38AA
<i>Gnaphalium uliginosum</i>	C	36.7	12AA, 44BA
<i>Limosella aquatica</i>		35.1	12AA
<i>Rorippa palustris</i>	C	33.4	12AA, 38, 38AA
<i>Potentilla supina</i>		28.1	12AC, 38, 38AA

<i>Bidens tripartita</i>	C	27.6	12AA, 38, 38AA
<i>Cyperus fuscus</i>		26.3	12AC
<i>Isolepis setacea</i>		25.5	12AB
<i>Persicaria lapathifolia</i>	C	25.3	12AA, 38, 38AA, 44, 44BA
<i>Coleanthus subtilis</i>		24.8	12AA
<i>Gypsophila muralis</i>		24.7	
<i>Bidens radiata</i>		24.2	38, 38AA
<i>Spergularia rubra</i>		24.1	
<i>Elatine hydropiper</i>		24.1	12AA
<i>Elatine triandra</i>		23.4	12AA
<i>Tillaea aquatica</i>		22.2	
<i>Ranunculus sceleratus</i>		21.7	12AA, 38, 38AA
<i>Rumex maritimus</i>	C	20.6	12AA, 38, 38AA
<i>Bolboschoenus maritimus</i> agg.		20.5	13BA
<i>Callitriche palustris</i>		20.4	12AA
<i>Oenanthe aquatica</i>	C	19.9	13CA, 38, 38AA
<i>Eleocharis acicularis</i>		19.2	10, 10AB
Constant species (14)			
<i>Persicaria lapathifolia</i>	Dg	58.0	12AA, 38, 38AA, 39AA, 39BB, 44, 44AB
<i>Alopecurus aequalis</i>	Dg	58.0	10, 12AA, 38
<i>Juncus bufonius</i> agg.	Dg, Dm	56.0	12AA, 12AB, 12AC
<i>Gnaphalium uliginosum</i>	Dg	48.0	12AA, 12AC
<i>Rorippa palustris</i>	Dg	42.0	12AA, 38
<i>Carex bohemica</i>	Dg, Dm	42.0	12AA
<i>Bidens tripartita</i>	Dg	42.0	12AA, 38, 38AA
<i>Eleocharis ovata</i>	Dg	36.0	12AA
<i>Alisma plantago-aquatica</i>		32.0	09ABA, 10, 12AA
<i>Oenanthe aquatica</i>	Dg	31.0	38
<i>Peplis portula</i>	Dg, Dm	29.0	
<i>Juncus articulatus</i>		29.0	19AD, 19AF
<i>Plantago major</i> agg.		27.0	12AC, 17, 21ACA, 39, 39AA, 39AC, 39BB, 43, 43AAA, 43BA, 44, 44AB, 44AC
<i>Rumex maritimus</i>	Dg	26.0	38
Dominant species (4)			
<i>Juncus bufonius</i> agg.	Dg, C	6.0	12AA
<i>Peplis portula</i>	Dg, C	5.0	12AA
<i>Trifolium hybridum</i>		4.0	12AA
<i>Carex bohemica</i>	Dg, C	3.0	12AA

Alliance 12AA *Eleocharition ovatae*

Vegetation of exposed fishpond bottoms

No. of relevés: 90

Diagnostic species (18)

<i>Eleocharis ovata</i>	C	47.9	12
<i>Carex bohemica</i>	C, Dm	40.9	12, 38, 38AA
<i>Peplis portula</i>	Dm	40.6	12
<i>Limosella aquatica</i>		35.3	12
<i>Rorippa palustris</i>	C	33.4	12, 38, 38AA
<i>Alopecurus aequalis</i>	C, Dm	32.1	12, 38, 38AA
<i>Juncus bufonius</i> agg.	C, Dm	30.8	12
<i>Gnaphalium uliginosum</i>	C	29.0	12, 44BA
<i>Coleanthus subtilis</i>		26.0	12
<i>Bidens tripartita</i>	C	25.2	12, 38, 38AA
<i>Elatine hydropiper</i>		23.6	12
<i>Callitriche palustris</i>		23.4	12
<i>Persicaria lapathifolia</i>	C	22.3	12, 38, 38AA, 44, 44BA
<i>Ranunculus sceleratus</i>		21.3	12, 38, 38AA
<i>Spergularia echinosperma</i>		21.0	
<i>Elatine triandra</i>		21.0	12
<i>Rumex maritimus</i>		18.7	12, 38, 38AA

<i>Alisma plantago-aquatica</i>	C	18.1	13, 13CA
Constant species (9)			
<i>Persicaria lapathifolia</i>	Dg	61.0	12, 38, 38AA, 39AA, 39BB, 44, 44AB
<i>Alopecurus aequalis</i>	Dg, Dm	59.0	10, 12, 38
<i>Rorippa palustris</i>	Dg	50.0	12, 38
<i>Juncus bufonius</i> agg.	Dg, Dm	50.0	12, 12AB, 12AC
<i>Carex bohemica</i>	Dg, Dm	48.0	12
<i>Gnaphalium uliginosum</i>	Dg	46.0	12, 12AC
<i>Bidens tripartita</i>	Dg	46.0	12, 38, 38AA
<i>Eleocharis ovata</i>	Dg	44.0	12
<i>Alisma plantago-aquatica</i>	Dg	41.0	09ABA, 10, 12
Dominant species (5)			
<i>Juncus bufonius</i> agg.	Dg, C	9.0	12
<i>Peplis portula</i>	Dg	6.0	12
<i>Carex bohemica</i>	Dg, C	4.0	12
<i>Trifolium hybridum</i>		3.0	12
<i>Alopecurus aequalis</i>	Dg, C	3.0	

Alliance 12AB *Radiolion linoidis***Annual vegetation on wet sand**

No. of relevés: 5

Diagnostic species (4)

<i>Isolepis setacea</i>	C	32.5	12
<i>Hypericum humifusum</i>		29.8	
<i>Radiola linoides</i>		23.5	
<i>Centunculus minimus</i>		20.0	

Constant species (4)

<i>Juncus bufonius</i> agg.		100.0	12, 12AA, 12AC
<i>Stellaria palustris</i>		80.0	
<i>Ranunculus flammula</i>		80.0	10, 10AB
<i>Isolepis setacea</i>	Dg	60.0	

Dominant species (0)**Alliance 12AC *Nanocyperion flavescens*****Vegetation of exposed bottoms in warm areas**

No. of relevés: 11

Diagnostic species (5)

<i>Veronica anagalloides</i>	C	52.2	
<i>Cyperus fuscus</i>	C	40.9	12
<i>Lythrum hyssopifolia</i>		36.3	
<i>Potentilla supina</i>	C	25.1	12, 38, 38AA
<i>Chenopodium glaucum</i>	C, Dm	20.1	14, 14AA, 39AA

Constant species (7)

<i>Cyperus fuscus</i>	Dg	82.0	
<i>Juncus bufonius</i> agg.		73.0	12, 12AA, 12AB
<i>Potentilla supina</i>	Dg	64.0	
<i>Plantago major</i> agg.		64.0	12, 17, 21ACA, 39, 39AA, 39AC, 39BB, 43, 43AAA, 43BA, 44, 44AB, 44AC
<i>Veronica anagalloides</i>	Dg	55.0	
<i>Chenopodium glaucum</i>	Dg, Dm	55.0	14, 14AA, 39AA, 39CB
<i>Gnaphalium uliginosum</i>		55.0	12, 12AA

Dominant species (2)

<i>Chenopodium glaucum</i>	Dg, C	18.0	14, 14AA, 39AA
<i>Myosurus minimus</i>		9.0	

Class 13 PHRAGMITO-MAGNOCARICETEA**Reed and tall-sedge beds**

No. of relevés: 2301

Diagnostic species (17)

<i>Glyceria maxima</i>	Dm	33.4	13AA
<i>Carex acuta</i>	Dm	30.0	13ED
<i>Phalaris arundinacea</i>	Dm	27.3	13DA, 13ED
<i>Lemna minor</i>		26.1	07, 07AA, 07CA, 09, 09AA, 13AA
<i>Typha latifolia</i>		25.4	13AA
<i>Sparganium erectum</i>	Dm	25.4	13AA
<i>Galium palustre</i> agg.	C	22.9	13ED, 21BB, 21BBA
<i>Alisma plantago-aquatica</i>		22.9	12AA, 13CA
<i>Lythrum salicaria</i>		22.8	13ED
<i>Phragmites australis</i>	Dm	22.6	13AA
<i>Lycopus europaeus</i>		21.3	31, 31AA
<i>Glyceria fluitans</i>	Dm	20.9	13DB
<i>Carex vesicaria</i>		20.2	13ED
<i>Eleocharis palustris</i> agg.		19.6	13CA
<i>Acorus calamus</i>		18.8	13AA
<i>Iris pseudacorus</i>		18.5	13ED
<i>Equisetum fluviatile</i>		18.5	13EC

Constant species (1)

<i>Galium palustre</i> agg.	Dg	28.0	13EA, 13EB, 13EC, 13ED, 19, 19AA, 19BA, 31, 31AA, 31BA
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Dominant species (7)

<i>Carex acuta</i>	Dg	8.0	13ED
<i>Phragmites australis</i>	Dg	7.0	13AA, 13BA, 13EB
<i>Phalaris arundinacea</i>	Dg	7.0	13DA, 13ED, 21BD, 30, 30AA, 30AC
<i>Glyceria maxima</i>	Dg	6.0	13AA
<i>Carex rostrata</i>		5.0	13EC, 19, 19AA, 19BC
<i>Sparganium erectum</i>	Dg	3.0	13AA
<i>Glyceria fluitans</i>	Dg	3.0	13CA, 13DB

Alliance 13AA *Phragmiton communis***Reed beds of eutrophic still waters**

No. of relevés: 744

Diagnostic species (7)

<i>Glyceria maxima</i>	Dm	32.8	13
<i>Typha latifolia</i>	Dm	28.7	13
<i>Sparganium erectum</i>	Dm	27.7	13
<i>Phragmites australis</i>	Dm	25.4	13
<i>Acorus calamus</i>	Dm	24.8	13
<i>Typha angustifolia</i>	Dm	23.0	
<i>Lemna minor</i>		22.4	07, 07AA, 07CA, 09, 09AA, 13

Constant species (0)**Dominant species (6)**

<i>Phragmites australis</i>	Dg	20.0	13, 13BA, 13EB
<i>Glyceria maxima</i>	Dg	20.0	13
<i>Sparganium erectum</i>	Dg	9.0	13
<i>Typha latifolia</i>	Dg	8.0	
<i>Acorus calamus</i>	Dg	6.0	
<i>Typha angustifolia</i>	Dg	4.0	

Alliance 13BA *Scirpion maritimi***Halophilous reed and sedge beds**

No. of relevés: 21

Diagnostic species (5)

<i>Bolboschoenus maritimus</i> agg.	C, Dm	41.9	12
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<i>Cirsium brachycephalum</i>		26.7	
<i>Schoenoplectus tabernaemontani</i>	Dm	26.4	
<i>Juncus gerardii</i>		22.7	17, 17AA, 43AAB
<i>Aster tripolium</i> ssp. <i>pannonicus</i>		18.1	16, 16AA, 17, 17BA
Constant species (1)			
<i>Bolboschoenus maritimus</i> agg.	Dg, Dm	100.0	17AA
Dominant species (4)			
<i>Bolboschoenus maritimus</i> agg.	Dg, C	43.0	
<i>Phragmites australis</i>		10.0	13, 13AA, 13EB
<i>Schoenoplectus tabernaemontani</i>	Dg	5.0	
<i>Lemna gibba</i>		5.0	07, 07AA

Alliance 13CA *Oenanthion aquatica***Eutrophic vegetation of muddy substrata**

No. of relevés: 304

Diagnostic species (7)

<i>Sparganium emersum</i>	Dm	37.7	
<i>Sagittaria sagittifolia</i>	Dm	29.7	
<i>Alisma plantago-aquatica</i>		26.3	12AA, 13
<i>Butomus umbellatus</i>	Dm	25.5	
<i>Eleocharis palustris</i> agg.	Dm	23.5	13
<i>Rorippa amphibia</i>	Dm	22.7	
<i>Oenanthe aquatica</i>		19.7	12, 38, 38AA

Constant species (0)**Dominant species (6)**

<i>Sparganium emersum</i>	Dg	15.0	
<i>Eleocharis palustris</i> agg.	Dg	11.0	17
<i>Rorippa amphibia</i>	Dg	10.0	
<i>Sagittaria sagittifolia</i>	Dg	5.0	
<i>Butomus umbellatus</i>	Dg	5.0	
<i>Glyceria fluitans</i>		3.0	13, 13DB

Alliance 13DA *Phalaridion arundinaceae***Riverine reed vegetation**

No. of relevés: 126

Diagnostic species (4)

<i>Carex buekii</i>	Dm	40.6	
<i>Phalaris arundinacea</i>	C, Dm	24.8	13, 13ED
<i>Rumex aquaticus</i>		20.9	
<i>Calamagrostis pseudophragmites</i>		19.6	

Constant species (2)

<i>Phalaris arundinacea</i>	Dg, Dm	79.0	13ED, 21BC, 21BD, 30, 30AA, 30AC, 31, 41AA
<i>Urtica dioica</i>	Dm	69.0	02, 21BD, 30, 30AA, 30AC, 31, 31AA, 31BA, 32, 32AA, 32AAA, 32AAB, 32AC, 32ADB, 36, 36AA, 37, 37AB, 37BA, 39AB, 41, 41AA, 41BA, 41CA, 41CB, 41CC

Dominant species (3)

<i>Phalaris arundinacea</i>	Dg, C	49.0	13, 13ED, 21BD, 30, 30AA, 30AC
<i>Carex buekii</i>	Dg	21.0	
<i>Urtica dioica</i>	C	3.0	30, 30AA, 30AC, 32AA, 37BA, 41, 41AA, 41CA, 41CB, 41CC

Alliance 13DB *Sparganio-Glycerion fluitantis***Reed vegetation of brooks**

No. of relevés: 191

Diagnostic species (4)

<i>Glyceria fluitans</i>	C, Dm	31.7	13
<i>Veronica beccabunga</i>	Dm	23.2	
<i>Glyceria notata</i>	Dm	22.7	

<i>Berula erecta</i>	Dm	22.7	
Constant species (1)			
<i>Glyceria fluitans</i>	Dg, Dm	57.0	08AA, 10
Dominant species (6)			
<i>Glyceria fluitans</i>	Dg, C	37.0	13, 13CA
<i>Glyceria notata</i>	Dg	12.0	
<i>Berula erecta</i>	Dg	8.0	
<i>Veronica beccabunga</i>	Dg	5.0	
<i>Glyceria nemoralis</i>		3.0	
<i>Glyceria declinata</i>		3.0	
Alliance 13EA <i>Carici-Rumicion hydrolapathi</i>			
Mesotrophic vegetation of muddy substrata			
No. of relevés: 27			
Diagnostic species (2)			
<i>Calla palustris</i>	C, Dm	45.6	
<i>Carex pseudocyperus</i>	Dm	26.8	
Constant species (2)			
<i>Calla palustris</i>	Dg, Dm	74.0	
<i>Galium palustre</i> agg.		41.0	13, 13EB, 13EC, 13ED, 19, 19AA, 19BA, 31, 31AA, 31BA
Dominant species (4)			
<i>Calla palustris</i>	Dg, C	48.0	
<i>Carex pseudocyperus</i>	Dg	19.0	
<i>Cicuta virosa</i>		4.0	
<i>Alnus glutinosa</i>		4.0	31, 31AA, 32, 32AA, 32AAA, 32AAB
Alliance 13EB <i>Magnocaricion elatae</i>			
Tall-sedge beds with <i>Carex elata</i> or <i>Cladium mariscus</i>			
No. of relevés: 29			
Diagnostic species (3)			
<i>Carex elata</i>	C, Dm	46.3	
<i>Cladium mariscus</i>	Dm	24.7	
<i>Juncus subnodulosus</i>		20.2	19AB
Constant species (4)			
<i>Carex elata</i>	Dg, Dm	69.0	
<i>Lysimachia vulgaris</i>		59.0	19, 19AF, 19BA, 21BBB, 31, 31AA, 31BA
<i>Galium palustre</i> agg.		59.0	13, 13EA, 13EC, 13ED, 19, 19AA, 19BA, 31, 31AA, 31BA
<i>Lythrum salicaria</i>		41.0	31
Dominant species (5)			
<i>Carex elata</i>	Dg, C	45.0	
<i>Cladium mariscus</i>	Dg	10.0	
<i>Calamagrostis canescens</i>		10.0	
<i>Phragmites australis</i>		3.0	13, 13AA, 13BA
<i>Carex acutiformis</i>		3.0	13ED, 31, 31AA
Alliance 13EC <i>Caricion rostratae</i>			
Tall-sedge beds of mesotrophic habitats			
No. of relevés: 210			
Diagnostic species (5)			
<i>Carex rostrata</i>	C, Dm	40.8	19, 19BC
<i>Carex diandra</i>	Dm	30.7	19BA
<i>Potentilla palustris</i>	C, Dm	28.8	19
<i>Menyanthes trifoliata</i>	Dm	22.6	19, 19AD, 19BA
<i>Equisetum fluviatile</i>	C	18.7	13
Constant species (4)			
<i>Carex rostrata</i>	Dg, Dm	85.0	19, 19AC, 19AD, 19AF, 19BA, 19BB, 19BC

<i>Galium palustre</i> agg.		53.0	13, 13EA, 13EB, 13ED, 19, 19AA, 19BA, 31, 31AA, 31BA
<i>Potentilla palustris</i>	Dg, Dm	44.0	19AC, 19AF, 19BA
<i>Equisetum fluviatile</i>	Dg	41.0	19BA, 31
Dominant species (6)			
<i>Carex rostrata</i>	Dg, C	51.0	13, 19, 19AA, 19BC
<i>Carex paniculata</i>		8.0	
<i>Carex diandra</i>	Dg	6.0	19BA
<i>Potentilla palustris</i>	Dg, C	5.0	19BA
<i>Menyanthes trifoliata</i>	Dg	4.0	19BA, 31BA
<i>Carex appropinquata</i>		3.0	

Alliance 13ED *Caricion gracilis*

Tall-sedge beds of eutrophic habitats

No. of relevés: 572

Diagnostic species (10)

<i>Carex acuta</i>	C, Dm	46.8	13
<i>Carex vesicaria</i>	Dm	32.0	13
<i>Phalaris arundinacea</i>	C, Dm	27.1	13, 13DA
<i>Lythrum salicaria</i>		24.2	13
<i>Galium palustre</i> agg.	C	23.2	13, 21BB, 21BBA
<i>Iris pseudacorus</i>		20.8	13
<i>Poa palustris</i>		19.1	
<i>Persicaria amphibia</i>		18.8	
<i>Carex riparia</i>	Dm	18.7	
<i>Carex vulpina</i>		18.5	

Constant species (3)

<i>Carex acuta</i>	Dg, Dm	65.0	21BC, 21BD
<i>Galium palustre</i> agg.	Dg	49.0	13, 13EA, 13EB, 13EC, 19, 19AA, 19BA, 31, 31AA, 31BA
<i>Phalaris arundinacea</i>	Dg, Dm	43.0	13DA, 21BC, 21BD, 30, 30AA, 30AC, 31, 41AA

Dominant species (6)

<i>Carex acuta</i>	Dg, C	32.0	13
<i>Phalaris arundinacea</i>	Dg, C	16.0	13, 13DA, 21BD, 30, 30AA, 30AC
<i>Carex vesicaria</i>	Dg	12.0	
<i>Carex acutiformis</i>		7.0	13EB, 31, 31AA
<i>Carex riparia</i>	Dg	5.0	
<i>Carex disticha</i>		5.0	

Class 14 *CRYSIETEA ACULEATAE* and Alliance 14AA *Cypero-Spergularion salinae*

Vegetation of annual halophilous grasses

No. of relevés: 8

Diagnostic species (4)

<i>Crypsis aculeata</i>	C, Dm	70.7	
<i>Spergularia salina</i>	C	56.5	17, 17BA
<i>Heleochloa schoenoides</i>	Dm	25.0	
<i>Chenopodium glaucum</i>	C, Dm	23.6	12AC, 39AA

Constant species (3)

<i>Spergularia salina</i>	Dg	100.0	17, 17BA
<i>Chenopodium glaucum</i>	Dg, Dm	75.0	12AC, 39AA, 39CB
<i>Crypsis aculeata</i> (<i>Puccinellia distans</i> agg.)	Dg, Dm	50.0	
		38.0	15, 16, 16AA, 17, 17AA, 17BA

Dominant species (3)

<i>Chenopodium glaucum</i>	Dg, C	50.0	12AC, 39AA
<i>Crypsis aculeata</i>	Dg, C	25.0	
<i>Heleochloa schoenoides</i>	Dg	12.0	

Class 15 *THERO-SUAEDETEA* and Alliance 15AA *Thero-Suaedion*

Vegetation of annual succulent halophytes with *Suaeda prostrata*

No. of relevés: 3

Diagnostic species (2)

<i>Suaeda prostrata</i>	C, Dm	86.6	
<i>Salicornia prostrata</i>		23.6	16, 16AA

Constant species (2)

<i>Suaeda prostrata</i>	Dg, Dm	100.0	
<i>Atriplex prostrata</i> ssp. <i>latifolia</i>		67.0	39AA
(<i>Spergularia maritima</i>)		33.0	16, 16AA, 17, 17BA
(<i>Salicornia prostrata</i>)	Dg	33.0	16, 16AA
(<i>Puccinellia distans</i> agg.)		33.0	14, 16, 16AA, 17, 17AA, 17BA
(<i>Aster tripolium</i> ssp. <i>pannonicus</i>)		33.0	16, 16AA, 17, 17BA

Dominant species (1)

<i>Suaeda prostrata</i>	Dg, C	33.0	
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Class 16 *THERO-SALICORNIETEA* and Alliance 16AA *Thero-Salicornion strictae*

Vegetation of annual succulent halophytes with *Salicornia prostrata*

No. of relevés: 3

Diagnostic species (4)

<i>Salicornia prostrata</i>	C, Dm	70.7	15, 15AA
<i>Spergularia maritima</i>	C	33.3	17, 17BA
<i>Aster tripolium</i> ssp. <i>pannonicus</i>	C	24.1	13BA, 17, 17BA
<i>Puccinellia distans</i> agg.	C	20.1	17, 17AA, 17BA

Constant species (4)

<i>Salicornia prostrata</i>	Dg, Dm	100.0	15
<i>Puccinellia distans</i> agg.	Dg	100.0	14, 15, 17, 17AA, 17BA
<i>Spergularia maritima</i>	Dg	67.0	15, 17, 17BA
<i>Aster tripolium</i> ssp. <i>pannonicus</i>	Dg	67.0	15, 17, 17BA
(<i>Plantago maritima</i> ssp. <i>ciliata</i>)		33.0	

Dominant species (1)

<i>Salicornia prostrata</i>	Dg, C	100.0	
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Class 17 *FESTUCO-PUCCINELLIETEA*

Vegetation of inland salt marshes

No. of relevés: 22

Diagnostic species (9)

<i>Spergularia maritima</i>	C	49.2	16, 16AA, 17BA
<i>Taraxacum bessarabicum</i>	C	45.0	17BA
<i>Puccinellia distans</i> agg.	C, Dm	42.0	16, 16AA, 17AA, 17BA
<i>Aster tripolium</i> ssp. <i>pannonicus</i>	C	31.0	13BA, 16, 16AA, 17BA
<i>Juncus gerardii</i>	C	28.5	13BA, 17AA, 43AAB
<i>Scorzonera parviflora</i>	Dm	26.9	17AA
<i>Glaux maritima</i>		25.7	17AA
<i>Spergularia salina</i>	C	25.5	14, 14AA, 17BA
<i>Lotus tenuis</i>	C	25.2	43AA, 43AAB

Constant species (13)

<i>Puccinellia distans</i> agg.	Dg, Dm	77.0	14, 15, 16, 16AA, 17AA, 17BA
<i>Potentilla anserina</i>	Dm	68.0	17AA, 17BA, 43AA, 43AAA, 43AAB
<i>Lotus tenuis</i>	Dg	45.0	17AA, 17BA
<i>Juncus gerardii</i>	Dg	41.0	17AA
<i>Spergularia maritima</i>	Dg	36.0	15, 16, 16AA, 17BA
<i>Agrostis stolonifera</i>		36.0	17AA, 43, 43AA, 43AAA, 43AAB
<i>Taraxacum bessarabicum</i>	Dg	32.0	17BA
<i>Plantago major</i> agg.		32.0	12, 12AC, 21ACA, 39, 39AA, 39AC, 39BB, 43,

			43AAA, 43BA, 44, 44AB, 44AC
<i>Eleocharis palustris</i> agg.	Dm	32.0	11, 17AA
<i>Aster tripolium</i> ssp. <i>pannonicus</i>	Dg	32.0	15, 16, 16AA, 17BA
<i>Trifolium fragiferum</i>		27.0	17AA
<i>Spergularia salina</i>	Dg	27.0	14, 14AA, 17BA
<i>Polygonum aviculare</i> agg.		27.0	17BA, 39, 39AA, 39AB, 39AC, 39AD, 39BB, 39CA, 43, 43BA, 44, 44AA, 44AB, 44AC, 44BA

Dominant species (5)

<i>Puccinellia distans</i> agg.	Dg, C	45.0	17BA
<i>Scorzonera parviflora</i>	Dg	9.0	17AA
<i>Potentilla anserina</i>	C	5.0	17AA, 43, 43AA, 43AAA, 43AAB
<i>Eleocharis palustris</i> agg.	C	5.0	13CA
<i>Agrostis gigantea</i>		5.0	17AA

Alliance 17AA *Scorzonero-Juncion gerardii***Saline meadows on wet solonchak soils**

No. of relevés: 8

Diagnostic species (5)

<i>Scorzonera parviflora</i>	C, Dm	44.7	17
<i>Glaux maritima</i>	C	42.6	17
<i>Juncus gerardii</i>	C	31.6	13BA, 17, 43AAB
<i>Trifolium fragiferum</i>	C	22.4	43, 43AA, 43AAA, 43AAB
<i>Puccinellia distans</i> agg.	C	20.5	16, 16AA, 17, 17BA

Constant species (11)

<i>Potentilla anserina</i>	Dm	100.0	17, 17BA, 43AA, 43AAA, 43AAB
<i>Juncus gerardii</i>	Dg	75.0	17
<i>Trifolium fragiferum</i>	Dg	62.0	17
<i>Puccinellia distans</i> agg.	Dg	62.0	14, 15, 16, 16AA, 17, 17BA
<i>Eleocharis palustris</i> agg.		62.0	11, 17
<i>Scorzonera parviflora</i>	Dg, Dm	50.0	
<i>Lotus tenuis</i>		50.0	17, 17BA
<i>Glaux maritima</i>	Dg	50.0	
<i>Bolboschoenus maritimus</i> agg.		50.0	13BA
<i>Agrostis stolonifera</i>		50.0	17, 43, 43AA, 43AAA, 43AAB
<i>Agrostis gigantea</i>	Dm	50.0	

Dominant species (3)

<i>Scorzonera parviflora</i>	Dg, C	25.0	17
<i>Potentilla anserina</i>	C	12.0	17, 43, 43AA, 43AAA, 43AAB
<i>Agrostis gigantea</i>	C	12.0	17

Alliance 17BA *Puccinellion limosae***Saline grasslands on dry solonetz soils**

No. of relevés: 12

Diagnostic species (5)

<i>Spergularia maritima</i>	C	58.3	16, 16AA, 17
<i>Taraxacum bessarabicum</i>	C	52.2	17
<i>Puccinellia distans</i> agg.	C, Dm	40.2	16, 16AA, 17, 17AA
<i>Aster tripolium</i> ssp. <i>pannonicus</i>	C	36.1	13BA, 16, 16AA, 17
<i>Spergularia salina</i>	C	28.8	14, 14AA, 17

Constant species (8)

<i>Puccinellia distans</i> agg.	Dg, Dm	100.0	14, 15, 16, 16AA, 17, 17AA
<i>Spergularia maritima</i>	Dg	58.0	15, 16, 16AA, 17
<i>Taraxacum bessarabicum</i>	Dg	50.0	17
<i>Potentilla anserina</i>		50.0	17, 17AA, 43AA, 43AAA, 43AAB
<i>Polygonum aviculare</i> agg.		50.0	17, 39, 39AA, 39AB, 39AC, 39AD, 39BB, 39CA, 43, 43BA, 44, 44AA, 44AB, 44AC, 44BA
<i>Aster tripolium</i> ssp. <i>pannonicus</i>	Dg	50.0	15, 16, 16AA, 17
<i>Spergularia salina</i>	Dg	42.0	14, 14AA, 17

<i>Lotus tenuis</i>		42.0	17, 17AA
Dominant species (1)			
<i>Puccinellia distans</i> agg.	Dg, C	83.0	17

Class 18 MONTIO-CARDAMINETEA

Vegetation of springs

No. of relevés: 181

Diagnostic species (9)

<i>Cardamine amara</i>	C, Dm	33.2	18AB, 32AA, 32AAA
<i>Chrysosplenium alternifolium</i>	C	28.0	18AB, 32AA, 32AAA
<i>Philonotis seriata</i>		26.0	18AC
<i>Rhizomnium punctatum</i> agg.	C	23.8	18AB
<i>Carex remota</i>	C	21.6	32AA, 32AAA
<i>Dicranella palustris</i>		20.1	18AC
<i>Pellia endiviifolia</i>		19.1	18BA
<i>Epilobium alsinifolium</i>		18.6	18AC
<i>Brachythecium rivulare</i>		18.1	

Constant species (12)

<i>Cardamine amara</i>	Dg, Dm	63.0	18AA, 18AB
<i>Chaerophyllum hirsutum</i>	Dm	43.0	06, 06AA, 18AB, 18AC, 28, 28AA, 30, 32AAA, 41BA
<i>Chrysosplenium alternifolium</i>	Dg	41.0	18AB
<i>Myosotis palustris</i> agg.		38.0	18AA, 18AB, 21, 21BB, 21BBA, 31
<i>Impatiens noli-tangere</i>		34.0	18AA, 18AB, 30, 31, 32, 32AA, 32AAA, 32AC, 32ADB
<i>Rhizomnium punctatum</i> agg.	Dg	33.0	
<i>Ranunculus repens</i>		33.0	18AA, 21, 21ACA, 21BA, 21BBA, 21BC, 30, 30AA, 31, 31AA, 38, 39BB, 41, 43, 43AA, 43AAA, 43AAB
<i>Carex remota</i>	Dg	33.0	18AA
<i>Athyrium filix-femina</i>		33.0	18AB, 31, 32, 32AA, 32AAA, 32AD, 32ADA, 32ADB, 32ADD
<i>Stellaria nemorum</i>		31.0	06, 06AA, 06AB, 32ADB, 35BA, 41BA
<i>Caltha palustris</i>		30.0	19BA, 21, 21BB, 21BBA, 21BBB, 31, 31AA
<i>Oxalis acetosella</i>		27.0	06, 06AA, 06AB, 32, 32AA, 32AAA, 32AC, 32AD, 32ADA, 32ADB, 32ADD, 32AE, 35, 35AB, 35BA

Dominant species (4)

<i>Cratoneuron commutatum</i>		5.0	18BA, 19AB
<i>Cardamine amara</i>	Dg, C	5.0	18AA, 18AB, 18AC
<i>Petasites albus</i>		4.0	06, 06AA, 06AB, 18AB, 32ADD, 41, 41BA
<i>Chaerophyllum hirsutum</i>	C	4.0	18AB, 21BBB

Alliance 18AA Cardamino-Montion

Vegetation of meadow springs

No. of relevés: 11

Diagnostic species (0)

Constant species (6)

<i>Cardamine amara</i>	Dm	73.0	18, 18AB
<i>Ranunculus repens</i>		45.0	18, 21, 21ACA, 21BA, 21BBA, 21BC, 30, 30AA, 31, 31AA, 38, 39BB, 41, 43, 43AA, 43AAA, 43AAB
<i>Myosotis palustris</i> agg.		45.0	18, 18AB, 21, 21BB, 21BBA, 31
<i>Lysimachia nemorum</i>		45.0	32ADB
<i>Impatiens noli-tangere</i>		45.0	18, 18AB, 30, 31, 32, 32AA, 32AAA, 32AC, 32ADB
<i>Carex remota</i>	Dm	45.0	18
Dominant species (4)			
<i>Carex remota</i>	C	18.0	

<i>Eurhynchium hians</i>		9.0	
<i>Cardamine amara</i>	C	9.0	18, 18AB, 18AC
<i>Caltha palustris</i>		9.0	

Alliance 18AB *Cardaminion amarae***Vegetation of forest springs**

No. of relevés: 112

Diagnostic species (4)

<i>Cardamine amara</i>	C, Dm	33.2	18, 32AA, 32AAA
<i>Chrysosplenium alternifolium</i>	C	32.1	18, 32AA, 32AAA
<i>Chrysosplenium oppositifolium</i>	Dm	22.0	
<i>Rhizomnium punctatum</i> agg.		21.8	18

Constant species (6)

<i>Cardamine amara</i>	Dg, Dm	79.0	18, 18AA
<i>Chrysosplenium alternifolium</i>	Dg	59.0	18
<i>Chaerophyllum hirsutum</i>	Dm	52.0	06, 06AA, 18, 18AC, 28, 28AA, 30, 32AAA, 41BA
<i>Impatiens noli-tangere</i>		47.0	18, 18AA, 30, 31, 32, 32AA, 32AAA, 32AC, 32ADB
<i>Myosotis palustris</i> agg.		45.0	18, 18AA, 21, 21BB, 21BBA, 31
<i>Athyrium filix-femina</i>		45.0	18, 31, 32, 32AA, 32AAA, 32AD, 32ADA, 32ADB, 32ADD

Dominant species (4)

<i>Chaerophyllum hirsutum</i>	C	6.0	18, 21BBB
<i>Cardamine amara</i>	Dg, C	6.0	18, 18AA, 18AC
<i>Petasites albus</i>		5.0	06, 06AA, 06AB, 18, 32ADD, 41, 41BA
<i>Chrysosplenium oppositifolium</i>	Dg	4.0	

Alliance 18AC *Swertio-Anisothecion squarrosi***Vegetation of subalpine springs**

No. of relevés: 23

Diagnostic species (16)

<i>Philonotis seriata</i>	C, Dm	61.9	18
<i>Dicranella palustris</i>		50.3	18
<i>Allium schoenop.</i> ssp. <i>alpinum</i>	C, Dm	43.3	01CA
<i>Epilobium alsinifolium</i>		43.0	18
<i>Swertia perennis</i>	C	39.3	01CA
<i>Scapania uliginosa</i>		34.7	
<i>Bartsia alpina</i>		32.2	01CA
<i>Bryum schleicheri</i>		31.5	
<i>Pedicularis sudetica</i> ssp. <i>sudetica</i>		29.5	
<i>Pohlia wahlenbergii</i>	Dm	27.8	
<i>Selaginella selaginoides</i>		25.5	01CA
<i>Dichodontium pellucidum</i>		24.1	
<i>Racomitrium fasciculare</i>		20.8	
<i>Epilobium anagallidifolium</i>		20.8	
<i>Calliargon sarmentosum</i>		20.8	19AE
<i>Viola biflora</i>		19.4	06, 06AA

Constant species (8)

<i>Philonotis seriata</i>	Dg, Dm	70.0	
<i>Deschampsia cespitosa</i>		70.0	06, 06AA, 06BC, 21, 21AB, 21BA, 21BB, 21BBA, 21BE, 22, 22AD, 28, 31, 31AA, 32AA, 32AAA, 32AAB, 32ADD, 41CD
<i>Chaerophyllum hirsutum</i>		52.0	06, 06AA, 18, 18AB, 28, 28AA, 30, 32AAA, 41BA
<i>Bistorta major</i>		52.0	04, 04AA, 04AB, 06, 06BA, 06BB, 06BC, 21AB, 22, 22AA, 22AD, 28
<i>Allium schoenop.</i> ssp. <i>alpinum</i>	Dg, Dm	48.0	01CA
<i>Swertia perennis</i>	Dg	43.0	01CA
<i>Potentilla erecta</i>		43.0	05, 05AA, 06, 06BA, 06BB, 06BC, 19, 19AA,

			19AB, 19AC, 19AD, 19AF, 19BC, 21ACB, 21BE, 22, 22AA, 22AB, 22AC, 22AD, 22BA 06AA, 28, 28AA, 31
<i>Crepis paludosa</i>		43.0	
Dominant species (6)			
<i>Philonotis seriata</i>	Dg, C	22.0	
<i>Allium schoenop. ssp. alpinum</i>	Dg, C	13.0	
<i>Pohlia wahlenbergii</i>	Dg	4.0	
<i>Molinia caerulea</i> agg.		4.0	04, 04AA, 04AB, 06, 06BA, 19AA, 19BC, 21BE, 31BA, 35AD
<i>Cratoneuron filicinum</i>		4.0	
<i>Cardamine amara</i>		4.0	18, 18AA, 18AB

Alliance 18BA *Lycopodo-Cratoneurion commutati*

Vegetation of forest springs with tufa formation

No. of relevés: 16

Diagnostic species (3)

<i>Pellia endiviifolia</i>	C	58.9	18
<i>Eucladium verticillatum</i>		35.3	
<i>Cratoneuron commutatum</i>	C, Dm	29.5	19AB

Constant species (4)

<i>Cratoneuron commutatum</i>	Dg, Dm	75.0	
<i>Pellia endiviifolia</i>	Dg	62.0	
<i>Brachythecium rivulare</i>		62.0	
<i>Geranium robertianum</i>		56.0	01AB, 03, 32, 32AC, 36, 37AB, 41CA

Dominant species (2)

<i>Cratoneuron commutatum</i>	Dg, C	56.0	18, 19AB
<i>Conocephalum conicum</i>		6.0	

Class 19 SCHEUCHZERIO-CARICETEA FUSCAE

Fens and transitional mires

No. of relevés: 809

Diagnostic species (42)

<i>Eriophorum angustifolium</i>	C	46.8	19AA, 19AD
<i>Drosera rotundifolia</i>		39.7	19AD, 19AF, 19BB
<i>Carex rostrata</i>	C, Dm	38.9	13EC, 19BC
<i>Carex nigra</i>	C	35.7	19AA, 21, 21BB, 21BBA
<i>Eriophorum latifolium</i>		34.7	19AB, 19AF
<i>Carex panicea</i>	C	34.7	19AB, 21, 21BB, 21BBA, 21BE
<i>Valeriana dioica</i>	C	34.5	19AA, 19AB, 21, 21BB, 21BBA
<i>Carex echinata</i>	C	34.2	19AA
<i>Viola palustris</i>	C	33.9	19AA, 21BB, 21BBA
<i>Parnassia palustris</i>		33.2	19AB, 19AD, 19AF
<i>Carex davalliana</i>	Dm	32.6	19AB
<i>Campylium stellatum</i> agg.		31.3	19AB, 19AD
<i>Menyanthes trifoliata</i>		30.5	13EC, 19AD, 19BA
<i>Homalothecium nitens</i>		29.9	19AD, 19AF
<i>Sphagnum contortum</i>		29.4	19AD, 19AF
<i>Agrostis canina</i>	C	29.3	19AA, 21BB, 21BBA
<i>Drepanocladus revolvens</i>		29.0	19AD
<i>Potentilla erecta</i>	C	28.9	21, 21BE, 22, 22AB
<i>Aulacomnium palustre</i>		28.5	19AA, 19AF
<i>Potentilla palustris</i>		27.9	13EC
<i>Carex flava</i>		27.0	19AB
<i>Sphagnum warnstorffii</i>		26.8	19AD, 19AF
<i>Sphagnum recurvum</i> agg.	Dm	26.8	19BC, 20, 20AB
<i>Carex demissa</i>		26.6	19AD, 19AF
<i>Carex limosa</i>		26.4	19BD
<i>Fissidens adianthoides</i>		25.5	19AB, 19AD
<i>Trichophorum alpinum</i>		23.7	19AD

<i>Aneura pinguis</i>		22.2	19AD
<i>Drepanocladus fluitans</i>		22.1	19BD
<i>Carex canescens</i>		21.8	
<i>Calliergon stramineum</i>		21.8	19AF
<i>Triglochin palustre</i>		21.7	19AB, 19AD
<i>Bryum pseudotriquetrum</i>		21.7	
<i>Dactylorhiza majalis</i>		21.2	19AB, 21BB, 21BBA
<i>Carex pulicaris</i>		21.1	19AF
<i>Calliergonella cuspidata</i>		21.1	19AB, 21, 21BB, 21BBA
<i>Juncus articulatus</i>		21.0	
<i>Oxycoccus palustris</i> agg.		19.9	20, 20AB
<i>Sphagnum palustre</i>		19.0	
<i>Sphagnum subsecundum</i>		18.7	19BB
<i>Philonotis fontana</i>		18.2	
<i>Galium uliginosum</i>	C	18.1	21, 21BB, 21BBA
Constant species (18)			
<i>Carex nigra</i>	Dg	61.0	05, 05AA, 19AA, 19AB, 19AC, 19AD, 19AF, 19BA, 19BB, 19BC, 21, 21BB, 21BBA, 22AC
<i>Potentilla erecta</i>	Dg	55.0	05, 05AA, 06, 06BA, 06BB, 06BC, 18AC, 19AA, 19AB, 19AC, 19AD, 19AF, 19BC, 21ACB, 21BE, 22, 22AA, 22AB, 22AC, 22AD, 22BA
<i>Carex panicea</i>	Dg	55.0	05, 05AA, 19AA, 19AB, 19AC, 19AD, 19AF, 21BBA, 21BE, 22AC
<i>Eriophorum angustifolium</i>	Dg	47.0	05, 05AA, 19AB, 19AC, 19AD, 19AE, 19AF, 19BB, 19BC
<i>Carex rostrata</i>	Dg, Dm	43.0	13EC, 19AC, 19AD, 19AF, 19BA, 19BB, 19BC
<i>Valeriana dioica</i>	Dg	41.0	19AA, 19AB, 19AD, 19AF, 19BA
<i>Viola palustris</i>	Dg	39.0	05, 05AA, 19AA, 19AC, 19AD, 19AF, 19BA, 19BB, 19BC, 31
<i>Galium uliginosum</i>	Dg	34.0	19AA, 19AF, 21, 21BB, 21BBA, 21BBB, 21BE
<i>Cirsium palustre</i>		33.0	19AA, 19AD, 19AF, 21, 21BB, 21BBA, 21BE, 31
<i>Agrostis canina</i>	Dg	33.0	19AA, 19AC, 19AD, 19AF, 19BA, 19BB
<i>Ranunculus acris</i>		32.0	19AA, 19AB, 19AF, 21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BB, 21BBA, 21BC, 21BE, 22, 22AB, 22AD
<i>Carex echinata</i>	Dg	31.0	19AC, 19AD, 19AE, 19AF
<i>Anthoxanthum odoratum</i> agg.		30.0	04, 04AB, 05, 05AA, 19AF, 21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BBA, 21BE, 22, 22AA, 22AB, 22AC, 22AD
<i>Holcus lanatus</i>		28.0	19AA, 19AB, 19AF, 21, 21AA, 21ACA, 21BA, 21BB, 21BBA, 21BE, 22AB
<i>Equisetum palustre</i>		28.0	19AB, 19AF, 21BBB
<i>Briza media</i>		28.0	19AB, 19AF, 21, 21AC, 21ACB, 21BE, 22, 22AB
<i>Lysimachia vulgaris</i>		27.0	13EB, 19AF, 19BA, 21BBB, 31, 31AA, 31BA
<i>Galium palustre</i> agg.		27.0	13, 13EA, 13EB, 13EC, 13ED, 19AA, 19BA, 31, 31AA, 31BA
Dominant species (3)			
<i>Sphagnum recurvum</i> agg.	Dg	9.0	19AA, 19AC, 19BA, 19BB, 19BC, 19BD, 20, 20AB, 22AC, 31BA, 35, 35AA, 35AB, 35AD
<i>Carex davalliana</i>	Dg	6.0	19AB, 19AF
<i>Carex rostrata</i>	Dg, C	5.0	13, 13EC, 19AA, 19BC

Alliance 19AA *Caricion fuscae***Acidophilous fen meadows**

No. of relevés: 203

Diagnostic species (7)

<i>Carex nigra</i>	C, Dm	28.1	19, 21, 21BB, 21BBA
<i>Carex echinata</i>		21.6	19
<i>Agrostis canina</i>	C	20.7	19, 21BB, 21BBA
<i>Viola palustris</i>	C	20.5	19, 21BB, 21BBA

<i>Valeriana dioica</i>	C	19.7	19, 19AB, 21, 21BB, 21BBA
<i>Eriophorum angustifolium</i>		18.6	19, 19AD
<i>Aulacomnium palustre</i>		18.5	19, 19AF
Constant species (12)			
<i>Carex nigra</i>	Dg, Dm	92.0	05, 05AA, 19, 19AB, 19AC, 19AD, 19AF, 19BA, 19BB, 19BC, 21, 21BB, 21BBA, 22AC
<i>Potentilla erecta</i>		54.0	05, 05AA, 06, 06BA, 06BB, 06BC, 18AC, 19, 19AB, 19AC, 19AD, 19AF, 19BC, 21ACB, 21BE, 22, 22AA, 22AB, 22AC, 22AD, 22BA
<i>Carex panicea</i>		53.0	05, 05AA, 19, 19AB, 19AC, 19AD, 19AF, 21BBA, 21BE, 22AC
<i>Galium uliginosum</i>		48.0	19, 19AF, 21, 21BB, 21BBA, 21BBB, 21BE
<i>Viola palustris</i>	Dg	47.0	05, 05AA, 19, 19AC, 19AD, 19AF, 19BA, 19BB, 19BC, 31
<i>Valeriana dioica</i>	Dg	46.0	19, 19AB, 19AD, 19AF, 19BA
<i>Cirsium palustre</i>		46.0	19, 19AD, 19AF, 21, 21BB, 21BBA, 21BE, 31
<i>Agrostis canina</i>	Dg	45.0	19, 19AC, 19AD, 19AF, 19BA, 19BB
<i>Ranunculus acris</i>		44.0	19, 19AB, 19AF, 21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BB, 21BBA, 21BC, 21BE, 22, 22AB, 22AD
<i>Galium palustre</i> agg.		43.0	13, 13EA, 13EB, 13EC, 13ED, 19, 19BA, 31, 31AA, 31BA
<i>Holcus lanatus</i>		41.0	19, 19AB, 19AF, 21, 21AA, 21ACA, 21BA, 21BB, 21BBA, 21BE, 22AB
<i>Festuca rubra</i> agg.		41.0	05, 05AA, 19AF, 21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BA, 21BB, 21BBA, 21BE, 22, 22AA, 22AB, 22AD
Dominant species (5)			
<i>Carex nigra</i>	Dg, C	11.0	
<i>Carex rostrata</i>		5.0	13, 13EC, 19, 19BC
<i>Climacium dendroides</i>		4.0	19BC
<i>Sphagnum recurvum</i> agg.		3.0	19, 19AC, 19BA, 19BB, 19BC, 19BD, 20, 20AB, 22AC, 31BA, 35, 35AA, 35AB, 35AD
<i>Molinia caerulea</i> agg.		3.0	04, 04AA, 04AB, 06, 06BA, 18AC, 19BC, 21BE, 31BA, 35AD

Alliance 19AB *Caricion davallianae*

Calcareous fens

No. of relevés: 146

Diagnostic species (21)

<i>Carex davalliana</i>	C, Dm	63.0	19
<i>Eriophorum latifolium</i>	C	42.9	19, 19AF
<i>Fissidens adianthoides</i>		28.8	19, 19AD
<i>Parnassia palustris</i>		28.1	19, 19AD, 19AF
<i>Dactylorhiza majalis</i>	C	27.9	19, 21BB, 21BBA
<i>Valeriana dioica</i>	C	26.6	19, 19AA, 21, 21BB, 21BBA
<i>Carex flava</i>		26.4	19
<i>Carex panicea</i>	C, Dm	25.9	19, 21, 21BB, 21BBA, 21BE
<i>Campylium stellatum</i> agg.		23.9	19, 19AD
<i>Polygala amarella</i>		23.3	
<i>Triglochin palustre</i>		22.8	19, 19AD
<i>Schoenus ferrugineus</i>		22.0	
<i>Cratoneuron commutatum</i>	Dm	21.6	18BA
<i>Dactylorhiza incarnata</i>		21.3	
<i>Succisa pratensis</i>	C	21.2	21, 21BE
<i>Epipactis palustris</i>		20.1	
<i>Carex flacca</i>		20.1	26BA
<i>Juncus subnodulosus</i>		19.7	13EB
<i>Philonotis calcarea</i>		19.2	
<i>Calliergonella cuspidata</i>	C, Dm	18.7	19, 21, 21BB, 21BBA

<i>Pinguicula vulgaris</i>		18.5	
Constant species (16)			
<i>Carex panicea</i>	Dg, Dm	92.0	05, 05AA, 19, 19AA, 19AC, 19AD, 19AF, 21BBA, 21BE, 22AC
<i>Potentilla erecta</i>		75.0	05, 05AA, 06, 06BA, 06BB, 06BC, 18AC, 19, 19AA, 19AC, 19AD, 19AF, 19BC, 21ACB, 21BE, 22, 22AA, 22AB, 22AC, 22AD, 22BA
<i>Valeriana dioica</i>	Dg	71.0	19, 19AA, 19AD, 19AF, 19BA
<i>Carex davalliana</i>	Dg, Dm	71.0	
<i>Briza media</i>		61.0	19, 19AF, 21, 21AC, 21ACB, 21BE, 22, 22AB
<i>Ranunculus acris</i>		60.0	19, 19AA, 19AF, 21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BB, 21BBA, 21BC, 21BE, 22, 22AB, 22AD
<i>Eriophorum latifolium</i>	Dg	58.0	19AF
<i>Dactylorhiza majalis</i>	Dg	54.0	
<i>Sanguisorba officinalis</i>		51.0	21, 21BA, 21BB, 21BBA, 21BE
<i>Carex nigra</i>		50.0	05, 05AA, 19, 19AA, 19AC, 19AD, 19AF, 19BA, 19BB, 19BC, 21, 21BB, 21BBA, 22AC
<i>Succisa pratensis</i>	Dg	49.0	19AF, 21BE
<i>Calliergonella cuspidata</i>	Dg, Dm	49.0	19AC
<i>Equisetum palustre</i>		46.0	19, 19AF, 21BBB
<i>Holcus lanatus</i>		45.0	19, 19AA, 19AF, 21, 21AA, 21ACA, 21BA, 21BB, 21BBA, 21BE, 22AB
<i>Eriophorum angustifolium</i>	Dm	43.0	05, 05AA, 19, 19AC, 19AD, 19AE, 19AF, 19BB, 19BC
<i>Molinia caerulea</i> agg.		42.0	01CA, 21BE, 35AD
Dominant species (5)			
<i>Carex davalliana</i>	Dg, C	32.0	19, 19AF
<i>Eriophorum angustifolium</i>	C	5.0	
<i>Cratoneuron commutatum</i>	Dg	3.0	18, 18BA
<i>Carex panicea</i>	Dg, C	3.0	
<i>Calliergonella cuspidata</i>	Dg, C	3.0	

Alliance 19AC *Caricion lasiocarpae*

Neutral fens

No. of relevés: 11

Diagnostic species (0)

Constant species (13)

<i>Eriophorum angustifolium</i>		64.0	05, 05AA, 19, 19AB, 19AD, 19AE, 19AF, 19BB, 19BC
<i>Carex nigra</i>		64.0	05, 05AA, 19, 19AA, 19AB, 19AD, 19AF, 19BA, 19BB, 19BC, 21, 21BB, 21BBA, 22AC
<i>Potentilla palustris</i>		55.0	13EC, 19AF, 19BA
<i>Carex rostrata</i>		55.0	13EC, 19, 19AD, 19AF, 19BA, 19BB, 19BC
<i>Carex panicea</i>		55.0	05, 05AA, 19, 19AA, 19AB, 19AD, 19AF, 21BBA, 21BE, 22AC
<i>Calliergonella cuspidata</i>		55.0	19AB
<i>Bryum pseudotriquetrum</i>		55.0	
<i>Viola palustris</i>		45.0	05, 05AA, 19, 19AA, 19AD, 19AF, 19BA, 19BB, 19BC, 31
<i>Potentilla erecta</i>		45.0	05, 05AA, 06, 06BA, 06BB, 06BC, 18AC, 19, 19AA, 19AB, 19AD, 19AF, 19BC, 21ACB, 21BE, 22, 22AA, 22AB, 22AC, 22AD, 22BA
<i>Menyanthes trifoliata</i>		45.0	19AD, 19AF, 19BA
<i>Carex echinata</i>		45.0	19, 19AD, 19AE, 19AF
<i>Aulacomnium palustre</i>		45.0	19AF
<i>Agrostis canina</i>		45.0	19, 19AA, 19AD, 19AF, 19BA, 19BB
Dominant species (5)			
<i>Carex lasiocarpa</i>		18.0	19AF, 19BA
<i>Sphagnum teres</i>		9.0	

<i>Sphagnum recurvum</i> agg.	9.0	19, 19AA, 19BA, 19BB, 19BC, 19BD, 20, 20AB, 22AC, 31BA, 35, 35AA, 35AB, 35AD
<i>Equisetum palustre</i>	9.0	
<i>Drepanocladus fluitans</i>	9.0	19BD

Alliance 19AD *Caricion demissae*

Acidic fens

No. of relevés: 43

Diagnostic species (22)

<i>Trichophorum alpinum</i>	C	54.4	19
<i>Carex demissa</i>	C	53.9	19, 19AF
<i>Drepanocladus revolvens</i>	C	50.4	19
<i>Utricularia minor</i>		48.7	19BB
<i>Sphagnum contortum</i>	C	47.0	19, 19AF
<i>Eleocharis quinqueflora</i>		46.5	
<i>Calliergon trifarium</i>		43.1	
<i>Scorpidium scorpioides</i>		40.7	
<i>Aneura pinguis</i>	C	39.1	19
<i>Campylium stellatum</i> agg.	C, Dm	38.6	19, 19AB
<i>Juncus alpinoarticulatus</i>		35.8	19AF, 19BB
<i>Drosera rotundifolia</i>	C	32.8	19, 19AF, 19BB
<i>Juncus bulbosus</i>	C	29.5	10, 10AB
<i>Drepanocladus vernicosus</i>		27.3	19BB
<i>Homalothecium nitens</i>	C	24.4	19, 19AF
<i>Fissidens adianthoides</i>	C	24.0	19, 19AB
<i>Rhynchospora alba</i>		23.8	19BB
<i>Triglochin palustre</i>		23.1	19, 19AB
<i>Menyanthes trifoliata</i>	C	21.3	13EC, 19, 19BA
<i>Eriophorum angustifolium</i>	C	19.9	19, 19AA
<i>Parnassia palustris</i>	C	19.7	19, 19AB, 19AF
<i>Sphagnum warnstorffii</i>		19.3	19, 19AF

Constant species (24)

<i>Carex panicea</i>		98.0	05, 05AA, 19, 19AA, 19AB, 19AC, 19AF, 21BBA, 21BE, 22AC
<i>Carex demissa</i>	Dg	91.0	
<i>Eriophorum angustifolium</i>	Dg	86.0	05, 05AA, 19, 19AB, 19AC, 19AE, 19AF, 19BB, 19BC
<i>Campylium stellatum</i> agg.	Dg, Dm	86.0	
<i>Potentilla erecta</i>		77.0	05, 05AA, 06, 06BA, 06BB, 06BC, 18AC, 19, 19AA, 19AB, 19AC, 19AF, 19BC, 21ACB, 21BE, 22, 22AA, 22AB, 22AC, 22AD, 22BA
<i>Drepanocladus revolvens</i>	Dg	77.0	
<i>Carex rostrata</i>		77.0	13EC, 19, 19AC, 19AF, 19BA, 19BB, 19BC
<i>Drosera rotundifolia</i>	Dg	74.0	19AF, 19BB
<i>Sphagnum contortum</i>	Dg	70.0	
<i>Valeriana dioica</i>		63.0	19, 19AA, 19AB, 19AF, 19BA
<i>Trichophorum alpinum</i>	Dg	63.0	
<i>Juncus articulatus</i>		63.0	12, 19AF
<i>Viola palustris</i>		60.0	05, 05AA, 19, 19AA, 19AC, 19AF, 19BA, 19BB, 19BC, 31
<i>Carex echinata</i>		60.0	19, 19AC, 19AE, 19AF
<i>Aneura pinguis</i>	Dg	56.0	
<i>Menyanthes trifoliata</i>	Dg	53.0	19AC, 19AF, 19BA
<i>Parnassia palustris</i>	Dg	44.0	01CA, 19AF
<i>Linum catharticum</i>		44.0	21ACB, 26BA
<i>Juncus bulbosus</i>	Dg	44.0	10
<i>Homalothecium nitens</i>	Dg	44.0	19AF
<i>Cirsium palustre</i>		44.0	19, 19AA, 19AF, 21, 21BB, 21BBA, 21BE, 31
<i>Agrostis canina</i>		44.0	19, 19AA, 19AC, 19AF, 19BA, 19BB

<i>Fissidens adianthoides</i>	Dg	42.0	
<i>Carex nigra</i>		42.0	05, 05AA, 19, 19AA, 19AB, 19AC, 19AF, 19BA, 19BB, 19BC, 21, 21BB, 21BBA, 22AC

Dominant species (1)

<i>Campylium stellatum</i> agg.	Dg, C	5.0	
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Alliance 19AE *Drepanocladion exannulati***Subalpine fens**

No. of relevés: 5

Diagnostic species (3)

<i>Calliergon sarmentosum</i>	C, Dm	74.5	18AC
<i>Trichophorum cespitosum</i>	C	28.6	20, 20AA
<i>Sphagnum majus</i>		20.5	19BD

Constant species (5)

<i>Eriophorum angustifolium</i>		100.0	05, 05AA, 19, 19AB, 19AC, 19AD, 19AF, 19BB, 19BC
<i>Calliergon sarmentosum</i>	Dg, Dm	100.0	
<i>Trichophorum cespitosum</i>	Dg	80.0	20AA
<i>Carex limosa</i>		60.0	19BD
<i>Carex echinata</i>		60.0	19, 19AC, 19AD, 19AF

Dominant species (1)

<i>Calliergon sarmentosum</i>	Dg, C	100.0	
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Alliance 19AF *Sphagno warnstorffiani-Tomenthygnion***Vegetation of slightly calcareous fens with *Sphagnum* spp.**

No. of relevés: 45

Diagnostic species (13)

<i>Sphagnum warnstorffii</i>	C, Dm	46.7	19, 19AD
<i>Paludella squarrosa</i>		38.7	
<i>Homalothecium nitens</i>	C	31.5	19, 19AD
<i>Drosera rotundifolia</i>	C	27.0	19, 19AD, 19BB
<i>Parnassia palustris</i>	C	26.5	19, 19AB, 19AD
<i>Eriophorum latifolium</i>	C	25.7	19, 19AB
<i>Carex demissa</i>		21.4	19, 19AD
<i>Sphagnum contortum</i>		21.3	19, 19AD
<i>Juncus alpinoarticulatus</i>		20.3	19AD, 19BB
<i>Aulacomnium palustre</i>	C	19.5	19, 19AA
<i>Calliergon stramineum</i>		19.1	19
<i>Carex lasiocarpa</i>	Dm	18.7	
<i>Carex pulicaris</i>		18.4	19

Constant species (30)

<i>Potentilla erecta</i>		87.0	05, 05AA, 06, 06BA, 06BB, 06BC, 18AC, 19, 19AA, 19AB, 19AC, 19AD, 19BC, 21ACB, 21BE, 22, 22AA, 22AB, 22AC, 22AD, 22BA
<i>Galium uliginosum</i>		82.0	19, 19AA, 21, 21BB, 21BBA, 21BBB, 21BE
<i>Carex panicea</i>		82.0	05, 05AA, 19, 19AA, 19AB, 19AC, 19AD, 21BBA, 21BE, 22AC
<i>Carex rostrata</i>		80.0	13EC, 19, 19AC, 19AD, 19BA, 19BB, 19BC
<i>Carex nigra</i>		78.0	05, 05AA, 19, 19AA, 19AB, 19AC, 19AD, 19BA, 19BB, 19BC, 21, 21BB, 21BBA, 22AC
<i>Agrostis canina</i>		73.0	19, 19AA, 19AC, 19AD, 19BA, 19BB
<i>Aulacomnium palustre</i>	Dg	69.0	19AC
<i>Viola palustris</i>		67.0	05, 05AA, 19, 19AA, 19AC, 19AD, 19BA, 19BB, 19BC, 31
<i>Valeriana dioica</i>		67.0	19, 19AA, 19AB, 19AD, 19BA
<i>Cirsium palustre</i>		67.0	19, 19AA, 19AD, 21, 21BB, 21BBA, 21BE, 31
<i>Briza media</i>		67.0	19, 19AB, 21, 21AC, 21ACB, 21BE, 22, 22AB
<i>Eriophorum latifolium</i>	Dg	62.0	19AB
<i>Sphagnum warnstorffii</i>	Dg, Dm	60.0	

<i>Eriophorum angustifolium</i>		60.0	05, 05AA, 19, 19AB, 19AC, 19AD, 19AE, 19BB, 19BC
<i>Drosera rotundifolia</i>	Dg	60.0	19AD, 19BB
<i>Anthoxanthum odoratum</i> agg.		60.0	04, 04AB, 05, 05AA, 19, 21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BBA, 21BE, 22, 22AA, 22AB, 22AC, 22AD
<i>Parnassia palustris</i>	Dg	58.0	01CA, 19AD
<i>Holcus lanatus</i>		58.0	19, 19AA, 19AB, 21, 21AA, 21ACA, 21BA, 21BB, 21BBA, 21BE, 22AB
<i>Equisetum palustre</i>		58.0	19, 19AB, 21BBB
<i>Homalothecium nitens</i>	Dg	56.0	19AD
<i>Lysimachia vulgaris</i>		51.0	13EB, 19, 19BA, 21BBB, 31, 31AA, 31BA
<i>Luzula campestris</i> agg.		51.0	21, 21AA, 21AB, 21ACB, 21BE, 22, 22AA, 22AB, 22AC, 22AD, 26AEB
<i>Carex echinata</i>		51.0	19, 19AC, 19AD, 19AE
<i>Festuca rubra</i> agg.		47.0	05, 05AA, 19AA, 21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BA, 21BB, 21BBA, 21BE, 22, 22AA, 22AB, 22AD
<i>Succisa pratensis</i>		44.0	19AB, 21BE
<i>Carex flava</i>		44.0	
<i>Ranunculus acris</i>		42.0	19, 19AA, 19AB, 21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BB, 21BBA, 21BC, 21BE, 22, 22AB, 22AD
<i>Potentilla palustris</i>		42.0	13EC, 19AC, 19BA
<i>Menyanthes trifoliata</i>		42.0	19AC, 19AD, 19BA
<i>Juncus articulatus</i>		42.0	12, 19AD
Dominant species (3)			
<i>Sphagnum warnstorffii</i>	Dg, C	9.0	
<i>Carex lasiocarpa</i>	Dg	7.0	19AC, 19BA
<i>Carex davalliana</i>		4.0	19, 19AB

Alliance 19BA *Eriophorion gracilis*

Mesotrophic transitional mires

No. of relevés: 21

Diagnostic species (3)

<i>Sphagnum obtusum</i>	Dm	32.7	
<i>Carex diandra</i>	C, Dm	29.8	13EC
<i>Menyanthes trifoliata</i>	C, Dm	21.3	13EC, 19, 19AD

Constant species (13)

<i>Potentilla palustris</i>	Dm	76.0	13EC, 19AC, 19AF
<i>Menyanthes trifoliata</i>	Dg, Dm	76.0	19AC, 19AD, 19AF
<i>Viola palustris</i>		67.0	05, 05AA, 19, 19AA, 19AC, 19AD, 19AF, 19BB, 19BC, 31
<i>Lysimachia vulgaris</i>		67.0	13EB, 19, 19AF, 21BBB, 31, 31AA, 31BA
<i>Carex diandra</i>	Dg, Dm	67.0	
<i>Equisetum fluviatile</i>		62.0	13EC, 31
<i>Carex rostrata</i>		62.0	13EC, 19, 19AC, 19AD, 19AF, 19BB, 19BC
<i>Carex nigra</i>		62.0	05, 05AA, 19, 19AA, 19AB, 19AC, 19AD, 19AF, 19BB, 19BC, 21, 21BB, 21BBA, 22AC
<i>Valeriana dioica</i>		57.0	19, 19AA, 19AB, 19AD, 19AF
<i>Galium palustre</i> agg.		52.0	13, 13EA, 13EB, 13EC, 13ED, 19, 19AA, 31, 31AA, 31BA
<i>Caltha palustris</i>		52.0	18, 21, 21BB, 21BBA, 21BBB, 31, 31AA
<i>Agrostis canina</i>		52.0	19, 19AA, 19AC, 19AD, 19AF, 19BB
<i>Carex canescens</i>		48.0	

Dominant species (10)

<i>Carex diandra</i>	Dg, C	14.0	13EC
<i>Sphagnum recurvum</i> agg.		10.0	19, 19AA, 19AC, 19BB, 19BC, 19BD, 20, 20AB, 22AC, 31BA, 35, 35AA, 35AB, 35AD
<i>Sphagnum palustre</i>		10.0	19BB

<i>Menyanthes trifoliata</i>	Dg, C	10.0	13EC, 31BA
<i>Sphagnum subsecundum</i>		5.0	19BB
<i>Sphagnum obtusum</i>	Dg	5.0	
<i>Potentilla palustris</i>	C	5.0	13EC
<i>Carex lasiocarpa</i>		5.0	19AC, 19AF
<i>Carex chordorrhiza</i>		5.0	
<i>Bryum pseudotriquetrum</i>		5.0	

Alliance 19BB *Rhynchosporion albae*Vegetation of peatsoils with *Rhynchospora* spp.

No. of relevés: 19

Diagnostic species (7)

<i>Rhynchospora alba</i>	C, Dm	53.9	19AD
<i>Rhynchospora fusca</i>		45.9	
<i>Drosera rotundifolia</i>	C	24.7	19, 19AD, 19AF
<i>Sphagnum subsecundum</i>	C, Dm	23.4	19
<i>Juncus alpinoarticulatus</i>		22.4	19AD, 19AF
<i>Drepanocladus vernicosus</i>		20.5	19AD
<i>Utricularia minor</i>		18.3	19AD

Constant species (10)

<i>Eriophorum angustifolium</i>		84.0	05, 05AA, 19, 19AB, 19AC, 19AD, 19AE, 19AF, 19BC
<i>Drosera rotundifolia</i>	Dg	84.0	19AD, 19AF
<i>Oxycoccus palustris</i> agg.		68.0	19BD, 20, 20AA, 20AB, 20BA
<i>Rhynchospora alba</i>	Dg, Dm	63.0	
<i>Agrostis canina</i>		63.0	19, 19AA, 19AC, 19AD, 19AF, 19BA
<i>Viola palustris</i>		47.0	05, 05AA, 19, 19AA, 19AC, 19AD, 19AF, 19BA, 19BC, 31
<i>Phragmites australis</i>		47.0	09ABA
<i>Carex rostrata</i>		47.0	13EC, 19, 19AC, 19AD, 19AF, 19BA, 19BC
<i>Sphagnum subsecundum</i>	Dg, Dm	42.0	
<i>Carex nigra</i>		42.0	05, 05AA, 19, 19AA, 19AB, 19AC, 19AD, 19AF, 19BA, 19BC, 21, 21BB, 21BBA, 22AC

Dominant species (7)

<i>Sphagnum subsecundum</i>	Dg, C	16.0	19BA
<i>Sphagnum recurvum</i> agg.		16.0	19, 19AA, 19AC, 19BA, 19BC, 19BD, 20, 20AB, 22AC, 31BA, 35, 35AA, 35AB, 35AD
<i>Rhynchospora alba</i>	Dg, C	16.0	
<i>Sphagnum palustre</i>		5.0	19BA
<i>Sphagnum majus</i>		5.0	
<i>Sphagnum cuspidatum</i>		5.0	19BD, 20AA, 22AC
<i>Sphagnum contortum</i>		5.0	

Alliance 19BC *Sphagno recurvi-Caricion canescentis*

Oligotrophic transitional mires

No. of relevés: 88

Diagnostic species (2)

<i>Sphagnum recurvum</i> agg.	C, Dm	25.5	19, 20, 20AB
<i>Carex rostrata</i>	C, Dm	19.1	13EC, 19

Constant species (6)

<i>Carex rostrata</i>	Dg, Dm	62.0	13EC, 19, 19AC, 19AD, 19AF, 19BA, 19BB
<i>Sphagnum recurvum</i> agg.	Dg, Dm	57.0	05, 05AA, 20, 20AB, 35AD
<i>Carex nigra</i>		52.0	05, 05AA, 19, 19AA, 19AB, 19AC, 19AD, 19AF, 19BA, 19BB, 21, 21BB, 21BBA, 22AC
<i>Eriophorum angustifolium</i>		49.0	05, 05AA, 19, 19AB, 19AC, 19AD, 19AE, 19AF, 19BB
<i>Viola palustris</i>		47.0	05, 05AA, 19, 19AA, 19AC, 19AD, 19AF, 19BA, 19BB, 31

<i>Potentilla erecta</i>		41.0	05, 05AA, 06, 06BA, 06BB, 06BC, 18AC, 19, 19AA, 19AB, 19AC, 19AD, 19AF, 21ACB, 21BE, 22, 22AA, 22AB, 22AC, 22AD, 22BA
Dominant species (5)			
<i>Sphagnum recurvum</i> agg.	Dg, C	33.0	19, 19AA, 19AC, 19BA, 19BB, 19BD, 20, 20AB, 22AC, 31BA, 35, 35AA, 35AB, 35AD
<i>Carex rostrata</i>	Dg, C	14.0	13, 13EC, 19, 19AA
<i>Juncus filiformis</i>		5.0	
<i>Molinia caerulea</i> agg.		3.0	04, 04AA, 04AB, 06, 06BA, 18AC, 19AA, 21BE, 31BA, 35AD
<i>Climacium dendroides</i>		3.0	19AA

Alliance 19BD *Leuko-Scheuchzeria palustris*

Vegetation of bog hollows

No. of relevés: 43

Diagnostic species (6)

<i>Drepanocladus fluitans</i>	C, Dm	54.4	19
<i>Carex limosa</i>	C, Dm	49.5	19
<i>Sphagnum cuspidatum</i>	C, Dm	43.6	
<i>Sphagnum majus</i>		27.9	19AE
<i>Scheuchzeria palustris</i>		27.2	
<i>Gymnocolea inflata</i>		25.3	20AA

Constant species (5)

<i>Drepanocladus fluitans</i>	Dg, Dm	74.0	
<i>Carex limosa</i>	Dg, Dm	65.0	19AE
<i>Sphagnum cuspidatum</i>	Dg, Dm	60.0	
<i>Eriophorum vaginatum</i>		47.0	05, 05AA, 20, 20AA, 20AB, 20BA, 35AD
<i>Oxycoccus palustris</i> agg.		44.0	19BB, 20, 20AA, 20AB, 20BA

Dominant species (5)

<i>Drepanocladus fluitans</i>	Dg, C	26.0	19AC
<i>Sphagnum cuspidatum</i>	Dg, C	19.0	19BB, 20AA, 22AC
<i>Sphagnum recurvum</i> agg.		7.0	19, 19AA, 19AC, 19BA, 19BB, 19BC, 20, 20AB, 22AC, 31BA, 35, 35AA, 35AB, 35AD
<i>Sphagnum lindbergii</i>		5.0	
<i>Carex limosa</i>	Dg, C	5.0	

Class 20 *OXYCOCCO-SPHAGNETEA*

Bogs

No. of relevés: 188

Diagnostic species (21)

<i>Eriophorum vaginatum</i>	C, Dm	61.9	20AA, 20AB
<i>Vaccinium uliginosum</i>	C	60.0	20AA, 20AB
<i>Oxycoccus palustris</i> agg.	C	55.2	19, 20AB
<i>Andromeda polifolia</i>	C	51.2	20AA, 20AB
<i>Carex pauciflora</i>	C	48.1	20AA, 20AB
<i>Polytrichum strictum</i>	C, Dm	41.5	20AB
<i>Sphagnum magellanicum</i>	C, Dm	38.0	20AB
<i>Sphagnum recurvum</i> agg.	C, Dm	36.0	19, 19BC, 20AB
<i>Pinus rotundata</i>	Dm	34.8	20AB
<i>Empetrum hermaphroditum</i>		34.3	20AA
<i>Sphagnum russowii</i>	Dm	31.5	20AA, 20AB
<i>Empetrum nigrum</i>		30.4	20AB
<i>Sphagnum capillifolium</i> agg.	C, Dm	30.3	20AB
<i>Trichophorum cespitosum</i>		29.0	19AE, 20AA
<i>Mylia anomala</i>		24.8	20AB
<i>Vaccinium vitis-idaea</i>	C	23.9	20AB, 22, 22BA, 35, 35AA, 35AB
<i>Calluna vulgaris</i>	C	23.3	20AB, 22, 22BA, 35AA
<i>Rubus chamaemorus</i>		23.0	20AA
<i>Sphagnum fuscum</i>		22.8	20AB

<i>Sphagnum tenellum</i>		19.4	
<i>Pinus mugo</i> agg.	Dm	18.2	35AC
Constant species (12)			
<i>Eriophorum vaginatum</i>	Dg, Dm	84.0	05, 05AA, 19BD, 20AA, 20AB, 20BA, 35AD
<i>Vaccinium uliginosum</i>	Dg	76.0	20AA, 20AB
<i>Oxycoccus palustris</i> agg.	Dg	68.0	19BB, 19BD, 20AA, 20AB, 20BA
<i>Vaccinium myrtillus</i>	Dm	55.0	04, 04AA, 04AB, 05, 05AA, 06, 06BA, 06BB, 20AA, 20AB, 22, 22AA, 22AD, 22BA, 22BC, 28, 28AA, 32ADD, 32AE, 33, 33AA, 35, 35AA, 35AB, 35AC, 35AD, 35BA, 37, 37AC
<i>Sphagnum recurvum</i> agg.	Dg, Dm	55.0	05, 05AA, 19BC, 20AB, 35AD
<i>Calluna vulgaris</i>	Dg	52.0	01CA, 04, 04AA, 20AA, 20AB, 22, 22AC, 22BA, 22BB, 35AA
<i>Polytrichum strictum</i>	Dg, Dm	46.0	20AA, 20AB
<i>Vaccinium vitis-idaea</i>	Dg	44.0	01CA, 04, 20AA, 20AB, 22BA, 22BC, 35, 35AA, 35AC, 35AD
<i>Andromeda polifolia</i>	Dg	38.0	20AA, 20BA
<i>Sphagnum magellanicum</i>	Dg, Dm	34.0	20AB
<i>Sphagnum capillifolium</i> agg.	Dg, Dm	34.0	
<i>Carex pauciflora</i>	Dg	29.0	20AA
Dominant species (9)			
<i>Sphagnum recurvum</i> agg.	Dg, C	16.0	19, 19AA, 19AC, 19BA, 19BB, 19BC, 19BD, 20AB, 22AC, 31BA, 35, 35AA, 35AB, 35AD
<i>Pinus mugo</i> agg.	Dg	8.0	20AA, 20AB, 35AC
<i>Vaccinium myrtillus</i>	C	6.0	06BA, 20AB, 22, 22BA, 22BC, 33, 33AA, 35, 35AA, 35AC, 35AD
<i>Sphagnum capillifolium</i> agg.	Dg, C	5.0	20AA, 20AB, 22AC
<i>Pinus rotundata</i>	Dg	5.0	20AB, 35AC
<i>Eriophorum vaginatum</i>	Dg, C	5.0	20AB
<i>Sphagnum russowii</i>	Dg	3.0	20AA, 20AB
<i>Sphagnum magellanicum</i>	Dg, C	3.0	20AB, 20BA
<i>Polytrichum strictum</i>	Dg, C	3.0	20AA

Alliance 20AA *Oxycocco-Empetrium hermaphroditum*

Subalpine bogs

No. of relevés: 32

Diagnostic species (10)

<i>Rubus chamaemorus</i>		44.7	20
<i>Empetrum hermaphroditum</i>	C	41.7	20
<i>Trichophorum cespitosum</i>	C, Dm	39.5	19AE, 20
<i>Carex pauciflora</i>	C	33.9	20, 20AB
<i>Eriophorum vaginatum</i>	C	27.6	20, 20AB
<i>Gymnocolea inflata</i>		25.7	19BD
<i>Vaccinium uliginosum</i>	C, Dm	24.3	20, 20AB
<i>Andromeda polifolia</i>	C	24.1	20, 20AB
<i>Sphagnum russowii</i>	C, Dm	22.7	20, 20AB
<i>Sphagnum compactum</i>	Dm	20.7	

Constant species (12)

<i>Eriophorum vaginatum</i>	Dg	91.0	05, 05AA, 19BD, 20, 20AB, 20BA, 35AD
<i>Vaccinium uliginosum</i>	Dg, Dm	75.0	20, 20AB
<i>Vaccinium myrtillus</i>		69.0	04, 04AA, 04AB, 05, 05AA, 06, 06BA, 06BB, 20, 20AB, 22, 22AA, 22AD, 22BA, 22BC, 28, 28AA, 32ADD, 32AE, 33, 33AA, 35, 35AA, 35AB, 35AC, 35AD, 35BA, 37, 37AC
<i>Carex pauciflora</i>	Dg	50.0	20
<i>Vaccinium vitis-idaea</i>		47.0	01CA, 04, 20, 20AB, 22BA, 22BC, 35, 35AA, 35AC, 35AD
<i>Trichophorum cespitosum</i>	Dg, Dm	44.0	19AE
<i>Polytrichum strictum</i>	Dm	44.0	20, 20AB
<i>Oxycoccus palustris</i> agg.		44.0	19BB, 19BD, 20, 20AB, 20BA

<i>Empetrum hermaphroditum</i>	Dg	44.0	
<i>Calluna vulgaris</i>		44.0	01CA, 04, 04AA, 20, 20AB, 22, 22AC, 22BA, 22BB, 35AA
<i>Andromeda polifolia</i>	Dg	44.0	20, 20BA
<i>Sphagnum russowii</i>	Dg, Dm	41.0	
Dominant species (8)			
<i>Polytrichum strictum</i>	C	16.0	20
<i>Pinus mugo</i> agg.		9.0	20, 20AB, 35AC
<i>Sphagnum capillifolium</i> agg.		6.0	20, 20AB, 22AC
<i>Vaccinium uliginosum</i>	Dg, C	3.0	22BA
<i>Trichophorum cespitosum</i>	Dg, C	3.0	
<i>Sphagnum russowii</i>	Dg, C	3.0	20, 20AB
<i>Sphagnum cuspidatum</i>		3.0	19BB, 19BD, 22AC
<i>Sphagnum compactum</i>	Dg	3.0	

Alliance 20AB *Sphagnion medii*

Submontane and montane raised bogs

No. of relevés: 128

Diagnostic species (17)

<i>Eriophorum vaginatum</i>	C, Dm	51.0	20, 20AA
<i>Vaccinium uliginosum</i>	C	49.8	20, 20AA
<i>Oxycoccus palustris</i> agg.	C	49.2	19, 20
<i>Pinus rotundata</i>	Dm	42.3	20
<i>Sphagnum magellanicum</i>	C, Dm	40.3	20
<i>Andromeda polifolia</i>		38.7	20, 20AA
<i>Sphagnum recurvum</i> agg.	C, Dm	37.1	19, 19BC, 20
<i>Polytrichum strictum</i>	C	35.8	20
<i>Carex pauciflora</i>		30.6	20, 20AA
<i>Sphagnum capillifolium</i> agg.	Dm	29.2	20
<i>Empetrum nigrum</i>		25.7	20
<i>Sphagnum russowii</i>	Dm	24.2	20, 20AA
<i>Mylia anomala</i>		21.0	20
<i>Vaccinium vitis-idaea</i>	C	20.6	20, 22, 22BA, 35, 35AA, 35AB
<i>Sphagnum fuscum</i>		19.5	20
<i>Calluna vulgaris</i>	C	19.2	20, 22, 22BA, 35AA
<i>Dicranum bergeri</i>		18.1	

Constant species (9)

<i>Eriophorum vaginatum</i>	Dg, Dm	84.0	05, 05AA, 19BD, 20, 20AA, 20BA, 35AD
<i>Vaccinium uliginosum</i>	Dg	77.0	20, 20AA
<i>Oxycoccus palustris</i> agg.	Dg	73.0	19BB, 19BD, 20, 20AA, 20BA
<i>Sphagnum recurvum</i> agg.	Dg, Dm	68.0	05, 05AA, 19BC, 20, 35AD
<i>Vaccinium myrtillus</i>	Dm	55.0	04, 04AA, 04AB, 05, 05AA, 06, 06BA, 06BB, 20, 20AA, 22, 22AA, 22AD, 22BA, 22BC, 28, 28AA, 32ADD, 32AE, 33, 33AA, 35, 35AA, 35AB, 35AC, 35AD, 35BA, 37, 37AC
<i>Calluna vulgaris</i>	Dg	52.0	01CA, 04, 04AA, 20, 20AA, 22, 22AC, 22BA, 22BB, 35AA
<i>Polytrichum strictum</i>	Dg	48.0	20, 20AA
<i>Vaccinium vitis-idaea</i>	Dg	46.0	01CA, 04, 20, 20AA, 22BA, 22BC, 35, 35AA, 35AC, 35AD
<i>Sphagnum magellanicum</i>	Dg, Dm	43.0	20
Dominant species (8)			
<i>Sphagnum recurvum</i> agg.	Dg, C	23.0	19, 19AA, 19AC, 19BA, 19BB, 19BC, 19BD, 20, 22AC, 31BA, 35, 35AA, 35AB, 35AD
<i>Vaccinium myrtillus</i>	C	8.0	06BA, 20, 22, 22BA, 22BC, 33, 33AA, 35, 35AA, 35AC, 35AD
<i>Pinus rotundata</i>	Dg	7.0	20, 35AC
<i>Pinus mugo</i> agg.		7.0	20, 20AA, 35AC
<i>Eriophorum vaginatum</i>	Dg, C	6.0	20
<i>Sphagnum capillifolium</i> agg.	Dg	5.0	20, 20AA, 22AC

<i>Sphagnum russowii</i>	Dg	3.0	20, 20AA
<i>Sphagnum magellanicum</i>	Dg, C	3.0	20, 20BA

Alliance 20BA *Oxycocco-Ericion***Blanket bogs**

No. of relevés: 3

Diagnostic species (0)**Constant species (3)**

<i>Oxycoccus palustris</i> agg.	100.0	19BB, 19BD, 20, 20AA, 20AB
<i>Andromeda polifolia</i>	100.0	20, 20AA
<i>Eriophorum vaginatum</i>	67.0	05, 05AA, 19BD, 20, 20AA, 20AB, 35AD

Dominant species (2)

<i>Sphagnum papillosum</i>	33.0	22AC
<i>Sphagnum magellanicum</i>	33.0	20, 20AB

Class 21 *MOLINIO-ARRHENATHERETEA***Meadows and eutrophic pastures**

No. of relevés: 4188

Diagnostic species (89)

<i>Rumex acetosa</i>	C	65.0	21AA, 21BA, 21BB, 21BBA, 21BE
<i>Alopecurus pratensis</i>	C	63.9	21AA, 21BA, 21BB, 21BBA
<i>Ranunculus acris</i>	C	63.8	21AA, 21BB, 21BBA, 21BE
<i>Festuca rubra</i> agg.	C	56.4	21AA, 21BB, 21BBA, 21BE, 22
<i>Lathyrus pratensis</i>	C	55.7	21AA, 21BB, 21BBA, 21BE
<i>Holcus lanatus</i>	C	54.9	21AA, 21BA, 21BB, 21BBA, 21BE
<i>Lychnis flos-cuculi</i>	C	52.5	21BA, 21BB, 21BBA, 21BE
<i>Festuca pratensis</i>	C	52.2	21AA, 21BB, 21BBA, 21BE
<i>Sanguisorba officinalis</i>	C	51.9	21BA, 21BB, 21BBA, 21BE
<i>Alchemilla vulgaris</i> agg.	C	50.4	21AA, 21AB, 21BB, 21BBA
<i>Ranunculus auricomus</i> agg.	C	46.0	21BB, 21BBA, 21BE
<i>Cerastium holosteoides</i> ssp. <i>triviale</i>	C	45.8	21AA
<i>Poa trivialis</i>	C	45.7	21BB, 21BBA
<i>Anthoxanthum odoratum</i> agg.	C	44.6	21AA, 21BB, 21BBA, 21BE, 22
<i>Cardamine pratensis</i> agg.	C	43.7	21BB, 21BBA
<i>Trisetum flavescens</i>	C	41.7	21AA
<i>Scirpus sylvaticus</i>	C, Dm	41.1	21BB, 21BBA, 21BBB
<i>Poa pratensis</i> agg.	C	40.8	21AA
<i>Trifolium pratense</i>	C	39.9	21AA, 21AC
<i>Galium uliginosum</i>	C	39.7	19, 21BB, 21BBA
<i>Leucanthemum vulgare</i> agg.	C	39.1	21AA
<i>Deschampsia cespitosa</i>	C	37.8	21BB, 21BBA, 21BE
<i>Angelica sylvestris</i>	C	37.3	21BB, 21BBA
<i>Veronica chamaedrys</i> agg.	C	36.7	21AA
<i>Filipendula ulmaria</i>	C, Dm	36.3	21BB, 21BBA, 21BBB
<i>Vicia cracca</i>	C	36.2	21AA
<i>Campanula patula</i>	C	36.1	21AA
<i>Myosotis palustris</i> agg.	C	35.1	21BB, 21BBA
<i>Cirsium palustre</i>	C	35.1	21BB, 21BBA, 21BE
<i>Plantago lanceolata</i>	C	35.0	21AA
<i>Stellaria graminea</i>	C	33.4	21AA
<i>Luzula campestris</i> agg.	C	33.2	21AA, 21BE, 22, 22AB
<i>Carex panicea</i>	C	31.9	19, 19AB, 21BB, 21BBA, 21BE
<i>Caltha palustris</i>	C	31.6	21BB, 21BBA, 21BBB
<i>Avenula pubescens</i>	C	31.5	21AA, 21BE
<i>Dactylis glomerata</i>	C	31.2	21AA
<i>Prunella vulgaris</i>	C	31.1	
<i>Trifolium repens</i>	C	31.0	21AA
<i>Bistorta major</i>	C	30.9	21AB, 21BB, 21BBA, 22AD
<i>Achillea millefolium</i> agg.	C	30.3	21AA, 26, 26AE, 26BA

<i>Rhytidadelphus squarrosus</i>		30.0	21BB, 21BBA
<i>Carex nigra</i>	C	29.8	19, 19AA, 21BB, 21BBA
<i>Cynosurus cristatus</i>		29.7	21AA, 21AC, 21ACA
<i>Galium mollugo</i> agg.	C	29.6	21AA
<i>Ranunculus repens</i>	C	29.1	21BB, 21BBA
<i>Juncus effusus</i>		29.1	21BB, 21BBA
<i>Climacium dendroides</i>		28.8	21BB, 21BBA, 21BE
<i>Briza media</i>	C	28.7	21BE, 22AB
<i>Agrostis capillaris</i>	C	28.2	22, 22AB
<i>Lotus uliginosus</i>		28.1	21BB, 21BBA
<i>Equisetum palustre</i>		27.8	21BB, 21BBA
<i>Lysimachia nummularia</i>		27.4	21BB, 21BBA
<i>Carex hirta</i>		26.9	21BB, 21BBA
<i>Geranium pratense</i>		26.8	21AA
<i>Juncus conglomeratus</i>		26.0	21BB, 21BBA
<i>Centaurea jacea</i>		25.7	21AA, 21BE, 26BA
<i>Cirriphyllum piliferum</i>		25.6	21BB, 21BBA
<i>Taraxacum</i> sect. <i>Ruderalia</i>	C	25.5	21AA, 39
<i>Cirsium oleraceum</i>		25.3	21BB, 21BBA, 32AA, 32AAA
<i>Hypericum maculatum</i>		24.4	21AB, 22, 22AD
<i>Carex ovalis</i>		24.4	21BBA
<i>Heracleum sphondylium</i>		24.0	21AA
<i>Trifolium dubium</i>		23.6	21AA
<i>Cirsium canum</i>		23.3	
<i>Carex pallescens</i>		23.3	21BBA, 21BE
<i>Colchicum autumnale</i>		23.1	
<i>Pimpinella major</i>		22.8	21AA
<i>Rhinanthus minor</i>		22.6	21AA
<i>Leontodon hispidus</i>		22.6	21AA, 26BA
<i>Cirsium rivulare</i>		22.5	21BB, 21BBA
<i>Succisa pratensis</i>		22.3	19AB, 21BE
<i>Arrhenatherum elatius</i>		22.3	21AA, 26, 26BA
<i>Potentilla erecta</i>		21.7	19, 21BE, 22, 22AB
<i>Phleum pratense</i> agg.		21.2	21AC, 21ACA
<i>Bellis perennis</i>		21.1	21AA, 21AC, 21ACA
<i>Plagiomnium affine</i> agg.		20.7	
<i>Trifolium hybridum</i>		20.6	
<i>Brachythecium rutabulum</i>		20.6	
<i>Crepis mollis</i>		20.5	21AB
<i>Saxifraga granulata</i>		20.4	21AA
<i>Achillea ptarmica</i>		20.1	21BB, 21BBA
<i>Galium boreale</i> ssp. <i>boreale</i>		19.6	21BE
<i>Crepis paludosa</i>		19.3	21BB, 21BBA, 32AA, 32AAA
<i>Calliargonella cuspidata</i>		19.3	19, 19AB, 21BB, 21BBA
<i>Geranium palustre</i>		18.9	21BB, 21BBB
<i>Valeriana dioica</i>		18.8	19, 19AA, 19AB, 21BB, 21BBA
<i>Trollius altissimus</i>		18.3	
<i>Juncus filiformis</i>		18.3	21BB, 21BBA
<i>Equisetum arvense</i>		18.3	
Constant species (40)			
<i>Rumex acetosa</i>	Dg	64.0	21AA, 21AB, 21AC, 21ACA, 21BA, 21BB, 21BBA, 21BE, 22, 22AB, 22AD
<i>Ranunculus acris</i>	Dg	63.0	19, 19AA, 19AB, 19AF, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BB, 21BBA, 21BC, 21BE, 22, 22AB, 22AD
<i>Festuca rubra</i> agg.	Dg	57.0	05, 05AA, 19AA, 19AF, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BA, 21BB, 21BBA, 21BE, 22, 22AA, 22AB, 22AD
<i>Alopecurus pratensis</i>	Dg	56.0	21AA, 21AB, 21ACA, 21BA, 21BB, 21BBA, 21BBB, 21BC, 21BD, 21BE
<i>Poa pratensis</i> agg.	Dg	49.0	21AA, 21AB, 21AC, 21ACA, 21BA, 21BBA,

			21BC, 21BE, 25AD, 26, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 29, 40, 42
<i>Achillea millefolium</i> agg.	Dg	49.0	21AA, 21AB, 21AC, 21ACA, 21ACB, 21BE, 22, 22AB, 22AD, 23, 24, 24AA, 25, 25AD, 26, 26AD, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 27AB, 39AC, 40, 40AA, 40AB, 41CB, 42, 42AA, 44AC
<i>Lathyrus pratensis</i>	Dg	48.0	21AA, 21BA, 21BB, 21BBA, 21BBB, 21BC, 21BD, 21BE
<i>Holcus lanatus</i>	Dg	48.0	19, 19AA, 19AB, 19AF, 21AA, 21ACA, 21BA, 21BB, 21BBA, 21BE, 22AB
<i>Anthoxanthum odoratum</i> agg.	Dg	46.0	04, 04AB, 05, 05AA, 19, 19AF, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BBA, 21BE, 22, 22AA, 22AB, 22AC, 22AD
<i>Poa trivialis</i>	Dg	45.0	21ACA, 21BA, 21BB, 21BBA, 21BBB, 21BC, 30, 30AC, 41, 41CC, 43AAB
<i>Deschampsia cespitosa</i>	Dg	44.0	06, 06AA, 06BC, 18AC, 21AB, 21BA, 21BB, 21BBA, 21BE, 22, 22AD, 28, 31, 31AA, 32AA, 32AAA, 32AAB, 32ADD, 41CD
<i>Lychnis flos-cuculi</i>	Dg	43.0	21BA, 21BB, 21BBA, 21BC, 21BE
<i>Sanguisorba officinalis</i>	Dg	42.0	19AB, 21BA, 21BB, 21BBA, 21BE
<i>Alchemilla vulgaris</i> agg.	Dg	42.0	21AA, 21AB, 21AC, 21ACA, 21ACB, 21BBA, 21BE, 22AD
<i>Veronica chamaedrys</i> agg.	Dg	41.0	21AA, 21AB, 21AC, 21ACA, 22, 22AB, 32AB, 32BB, 32BC
<i>Festuca pratensis</i>	Dg	40.0	21AA, 21AC, 21ACA, 21ACB, 21BA, 21BC, 21BE
<i>Plantago lanceolata</i>	Dg	38.0	21AA, 21AB, 21AC, 21ACA, 21ACB, 21BC, 21BE, 22, 22AB, 25, 25AD, 26AEB, 26BB, 40, 44AC
<i>Cerastium holosteoides</i> ssp. <i>triviale</i>	Dg	37.0	21AA, 21AB, 21AC, 21ACA, 21ACB, 21BA
<i>Taraxacum</i> sect. <i>Ruderalia</i>	Dg	35.0	02, 02AA, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BC, 37AB, 39, 39AA, 39AB, 39AC, 39BA, 39BB, 39BC, 39CA, 40, 40AB, 41, 41CB, 41CC, 42, 43, 43AAA, 43BA, 44, 44AA, 44AC, 44BA
<i>Ranunculus repens</i>	Dg	35.0	18, 18AA, 21ACA, 21BA, 21BBA, 21BC, 30, 30AA, 31, 31AA, 38, 39BB, 41, 43, 43AA, 43AAA, 43AAB
<i>Ranunculus auricomus</i> agg.	Dg	35.0	21BA, 21BB, 21BBA, 21BC, 21BE
<i>Dactylis glomerata</i>	Dg	35.0	21AA, 21AB, 21AC, 21ACA, 21ACB, 27, 32BB, 37AB, 41, 41CC
<i>Myosotis palustris</i> agg.	Dg	34.0	18, 18AA, 18AB, 21BB, 21BBA, 31
<i>Filipendula ulmaria</i>	Dg, Dm	32.0	21BB, 21BBA, 21BBB, 30, 30AA, 31, 31AA
<i>Cardamine pratensis</i> agg.	Dg	32.0	21BA, 21BBA, 21BC, 21BE
<i>Scirpus sylvaticus</i>	Dg, Dm	31.0	21BB, 21BBA, 21BBB, 31
<i>Leucanthemum vulgare</i> agg.	Dg	31.0	21AA, 21AB, 21AC, 21ACA, 21ACB, 21BE
<i>Galium uliginosum</i>	Dg	31.0	19, 19AA, 19AF, 21BB, 21BBA, 21BBB, 21BE
<i>Trifolium pratense</i>	Dg	30.0	21AA, 21AC, 21ACA, 21ACB, 21BC
<i>Luzula campestris</i> agg.	Dg	30.0	19AF, 21AA, 21AB, 21ACB, 21BE, 22, 22AA, 22AB, 22AC, 22AD, 26AEB
<i>Cirsium palustre</i>	Dg	30.0	19, 19AA, 19AD, 19AF, 21BB, 21BBA, 21BE, 31
<i>Angelica sylvestris</i>	Dg	30.0	21BB, 21BBA, 21BBB
<i>Agrostis capillaris</i>	Dg	30.0	21AB, 21AC, 21ACA, 21ACB, 22, 22AA, 22AB, 22AC, 22AD, 24, 25AD, 37, 37AA, 41CD
<i>Caltha palustris</i>	Dg	28.0	18, 19BA, 21BB, 21BBA, 21BBB, 31, 31AA
<i>Vicia cracca</i>	Dg	27.0	21AA
<i>Trifolium repens</i>	Dg	27.0	21AA, 21AB, 21AC, 21ACA, 21ACB, 39BB, 43
<i>Galium mollugo</i> agg.	Dg	27.0	21AA, 26AEB, 27, 27AB
<i>Trisetum flavescens</i>	Dg	26.0	21AA, 21AB, 21ACA

<i>Carex nigra</i>	Dg	26.0	05, 05AA, 19, 19AA, 19AB, 19AC, 19AD, 19AF, 19BA, 19BB, 19BC, 21BB, 21BBA, 22AC
<i>Briza media</i>	Dg	26.0	19, 19AB, 19AF, 21AC, 21ACB, 21BE, 22, 22AB
Dominant species (2)			
<i>Scirpus sylvaticus</i>	Dg, C	7.0	21BB, 21BBA
<i>Filipendula ulmaria</i>	Dg, C	7.0	21BB, 21BBA, 21BBB

Alliance 21AA *Arrhenatherion*

Mesic *Arrhenatherum* meadows

No. of relevés: 825

Diagnostic species (48)

<i>Trisetum flavescens</i>	C	51.4	21
<i>Campanula patula</i>	C	46.4	21
<i>Arrhenatherum elatius</i>	C, Dm	43.9	21, 26, 26BA
<i>Leucanthemum vulgare</i> agg.	C	41.4	21
<i>Trifolium pratense</i>	C	40.4	21, 21AC
<i>Plantago lanceolata</i>	C	39.5	21
<i>Dactylis glomerata</i>	C	39.4	21
<i>Galium mollugo</i> agg.	C	39.1	21
<i>Cerastium holosteoides</i> ssp. <i>triviale</i>	C	37.4	21
<i>Leontodon hispidus</i>	C	36.0	21, 26BA
<i>Crepis biennis</i>		34.7	
<i>Veronica chamaedrys</i> agg.	C	33.8	21
<i>Trifolium dubium</i>		33.7	21
<i>Festuca pratensis</i>	C	32.4	21, 21BB, 21BBA, 21BE
<i>Geranium pratense</i>		32.0	21
<i>Knautia arvensis</i> agg.	C	31.7	26, 26BA
<i>Trifolium repens</i>	C	30.8	21
<i>Festuca rubra</i> agg.	C, Dm	30.8	21, 21BB, 21BBA, 21BE, 22
<i>Achillea millefolium</i> agg.	C	30.5	21, 26, 26AE, 26BA
<i>Taraxacum</i> sect. <i>Ruderalia</i>	C	30.3	21, 39
<i>Rumex acetosa</i>	C	30.3	21, 21BA, 21BB, 21BBA, 21BE
<i>Poa pratensis</i> agg.	C	29.8	21
<i>Avenula pubescens</i>		28.4	21, 21BE
<i>Lotus corniculatus</i>	C	28.0	26, 26BA
<i>Ranunculus acris</i>	C	27.6	21, 21BB, 21BBA, 21BE
<i>Heracleum sphondylium</i>	C	27.6	21
<i>Saxifraga granulata</i>		27.3	21
<i>Vicia cracca</i>	C	26.3	21
<i>Anthoxanthum odoratum</i> agg.	C	26.2	21, 21BB, 21BBA, 21BE, 22
<i>Tragopogon orientalis</i>		24.7	
<i>Holcus lanatus</i>	C	24.2	21, 21BA, 21BB, 21BBA, 21BE
<i>Ranunculus bulbosus</i>		23.4	
<i>Alchemilla vulgaris</i> agg.	C	23.4	21, 21AB, 21BB, 21BBA
<i>Alopecurus pratensis</i>	C	23.1	21, 21BA, 21BB, 21BBA
<i>Pimpinella major</i>		22.9	21
<i>Luzula campestris</i> agg.	C	22.5	21, 21BE, 22, 22AB
<i>Lathyrus pratensis</i>	C	21.9	21, 21BB, 21BBA, 21BE
<i>Centaurea jacea</i>		21.7	21, 21BE, 26BA
<i>Pastinaca sativa</i>		21.6	
<i>Pimpinella saxifraga</i>		21.4	26, 26BA, 26BB
<i>Plantago media</i>		20.3	26, 26BA
<i>Rhinanthus minor</i>		20.1	21
<i>Stellaria graminea</i>		19.9	21
<i>Daucus carota</i> ssp. <i>carota</i>		19.6	40, 40AB
<i>Vicia sepium</i>		18.7	
<i>Thlaspi caerulescens</i>		18.5	
<i>Cynosurus cristatus</i>		18.4	21, 21AC, 21ACA
<i>Bellis perennis</i>		18.1	21, 21AC, 21ACA

Constant species (29)

<i>Achillea millefolium</i> agg.	Dg	87.0	21, 21AB, 21AC, 21ACA, 21ACB, 21BE, 22, 22AB, 22AD, 23, 24, 24AA, 25, 25AD, 26, 26AD, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 27AB, 39AC, 40, 40AA, 40AB, 41CB, 42, 42AA, 44AC
<i>Plantago lanceolata</i>	Dg	81.0	21, 21AB, 21AC, 21ACA, 21ACB, 21BC, 21BE, 22, 22AB, 25, 25AD, 26AEB, 26BB, 40, 44AC
<i>Dactylis glomerata</i>	Dg	80.0	21, 21AB, 21AC, 21ACA, 21ACB, 27, 32BB, 37AB, 41, 41CC
<i>Arrhenatherum elatius</i>	Dg, Dm	77.0	26, 26BB, 27
<i>Veronica chamaedrys</i> agg.	Dg	75.0	21, 21AB, 21AC, 21ACA, 22, 22AB, 32AB, 32BB, 32BC
<i>Poa pratensis</i> agg.	Dg	74.0	21, 21AB, 21AC, 21ACA, 21BA, 21BBA, 21BC, 21BE, 25AD, 26, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 29, 40, 42
<i>Festuca rubra</i> agg.	Dg, Dm	72.0	05, 05AA, 19AA, 19AF, 21, 21AB, 21AC, 21ACA, 21ACB, 21BA, 21BB, 21BBA, 21BE, 22, 22AA, 22AB, 22AD
<i>Taraxacum</i> sect. <i>Ruderalia</i>	Dg	71.0	02, 02AA, 21, 21AB, 21AC, 21ACA, 21BA, 21BC, 37AB, 39, 39AA, 39AB, 39AC, 39BA, 39BB, 39BC, 39CA, 40, 40AB, 41, 41CB, 41CC, 42, 43, 43AAA, 43BA, 44, 44AA, 44AC, 44BA
<i>Rumex acetosa</i>	Dg	71.0	21, 21AB, 21AC, 21ACA, 21BA, 21BB, 21BBA, 21BE, 22, 22AB, 22AD
<i>Trisetum flavescens</i>	Dg	67.0	21, 21AB, 21ACA
<i>Leucanthemum vulgare</i> agg.	Dg	67.0	21, 21AB, 21AC, 21ACA, 21ACB, 21BE
<i>Galium mollugo</i> agg.	Dg	67.0	21, 26AEB, 27, 27AB
<i>Ranunculus acris</i>	Dg	66.0	19, 19AA, 19AB, 19AF, 21, 21AB, 21AC, 21ACA, 21BA, 21BB, 21BBA, 21BC, 21BE, 22, 22AB, 22AD
<i>Cerastium holosteoides</i> ssp. <i>triviale</i>	Dg	64.0	21, 21AB, 21AC, 21ACA, 21ACB, 21BA
<i>Trifolium pratense</i>	Dg	63.0	21, 21AC, 21ACA, 21ACB, 21BC
<i>Anthoxanthum odoratum</i> agg.	Dg	60.0	04, 04AB, 05, 05AA, 19, 19AF, 21, 21AB, 21AC, 21ACA, 21ACB, 21BBA, 21BE, 22, 22AA, 22AB, 22AC, 22AD
<i>Festuca pratensis</i>	Dg	57.0	21, 21AC, 21ACA, 21ACB, 21BA, 21BC, 21BE
<i>Campanula patula</i>	Dg	56.0	21AB
<i>Leontodon hispidus</i>	Dg	54.0	01CA, 21AB, 21AC, 21ACB
<i>Trifolium repens</i>	Dg	53.0	21, 21AB, 21AC, 21ACA, 21ACB, 39BB, 43
<i>Holcus lanatus</i>	Dg	51.0	19, 19AA, 19AB, 19AF, 21, 21ACA, 21BA, 21BB, 21BBA, 21BE, 22AB
<i>Alopecurus pratensis</i>	Dg	51.0	21, 21AB, 21ACA, 21BA, 21BB, 21BBA, 21BBB, 21BC, 21BD, 21BE
<i>Lotus corniculatus</i>	Dg	49.0	21AC, 21ACB, 26, 26AEB, 26BA
<i>Knautia arvensis</i> agg.	Dg	48.0	01CA, 21ACB, 26, 26AEB, 26BA, 27, 27AB
<i>Lathyrus pratensis</i>	Dg	47.0	21, 21BA, 21BB, 21BBA, 21BBB, 21BC, 21BD, 21BE
<i>Alchemilla vulgaris</i> agg.	Dg	46.0	21, 21AB, 21AC, 21ACA, 21ACB, 21BBA, 21BE, 22AD
<i>Luzula campestris</i> agg.	Dg	44.0	19AF, 21, 21AB, 21ACB, 21BE, 22, 22AA, 22AB, 22AC, 22AD, 26AEB
<i>Heraclium sphondylium</i>	Dg	44.0	21AB, 30, 41, 41CC
<i>Vicia cracca</i>	Dg	43.0	21
Dominant species (2)			
<i>Arrhenatherum elatius</i>	Dg, C	8.0	39AC
<i>Festuca rubra</i> agg.	Dg, C	7.0	04AB, 21AC, 21ACA, 21BE, 22AD

Alliance 21AB *Polygono-Trisetion***Montane *Trisetum* meadows**

No. of relevés: 120

Diagnostic species (10)

<i>Cardaminopsis halleri</i>	C	44.0	22AD
<i>Geranium sylvaticum</i>	C, Dm	37.5	22AD
<i>Phyteuma spicatum</i>	C	26.7	22AD
<i>Hypericum maculatum</i>	C	26.1	21, 22, 22AD
<i>Potentilla aurea</i>		24.1	22, 22AA, 22AD
<i>Silene dioica</i>	C	23.3	22AD
<i>Phleum rhaeticum</i>		22.0	22AD
<i>Crepis mollis</i>	C	21.2	21
<i>Alchemilla vulgaris</i> agg.	C, Dm	18.9	21, 21AA, 21BB, 21BBA
<i>Bistorta major</i>	C	18.3	21, 21BB, 21BBA, 22AD

Constant species (31)

<i>Rumex acetosa</i>		88.0	21, 21AA, 21AC, 21ACA, 21BA, 21BB, 21BBA, 21BE, 22, 22AB, 22AD
<i>Festuca rubra</i> agg.		88.0	05, 05AA, 19AA, 19AF, 21, 21AA, 21AC, 21ACA, 21ACB, 21BA, 21BB, 21BBA, 21BE, 22, 22AA, 22AB, 22AD
<i>Alchemilla vulgaris</i> agg.	Dg, Dm	88.0	21, 21AA, 21AC, 21ACA, 21ACB, 21BBA, 21BE, 22AD
<i>Agrostis capillaris</i>	Dm	87.0	21, 21AC, 21ACA, 21ACB, 22, 22AA, 22AB, 22AC, 22AD, 24, 25AD, 37, 37AA, 41CD
<i>Achillea millefolium</i> agg.		86.0	21, 21AA, 21AC, 21ACA, 21ACB, 21BE, 22, 22AB, 22AD, 23, 24, 24AA, 25, 25AD, 26, 26AD, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 27AB, 39AC, 40, 40AA, 40AB, 41CB, 42, 42AA, 44AC
<i>Ranunculus acris</i>		85.0	19, 19AA, 19AB, 19AF, 21, 21AA, 21AC, 21ACA, 21BA, 21BB, 21BBA, 21BC, 21BE, 22, 22AB, 22AD
<i>Hypericum maculatum</i>	Dg	81.0	22, 22AD
<i>Anthoxanthum odoratum</i> agg.		77.0	04, 04AB, 05, 05AA, 19, 19AF, 21, 21AA, 21AC, 21ACA, 21ACB, 21BBA, 21BE, 22, 22AA, 22AB, 22AC, 22AD
<i>Veronica chamaedrys</i> agg.		76.0	21, 21AA, 21AC, 21ACA, 22, 22AB, 32AB, 32BB, 32BC
<i>Alopecurus pratensis</i>		72.0	21, 21AA, 21ACA, 21BA, 21BB, 21BBA, 21BBB, 21BC, 21BD, 21BE
<i>Bistorta major</i>	Dg	68.0	04, 04AA, 04AB, 06, 06BA, 06BB, 06BC, 18AC, 22, 22AA, 22AD, 28
<i>Geranium sylvaticum</i>	Dg, Dm	66.0	22AD
<i>Cardaminopsis halleri</i>	Dg	62.0	
<i>Dactylis glomerata</i>		61.0	21, 21AA, 21AC, 21ACA, 21ACB, 27, 32BB, 37AB, 41, 41CC
<i>Trisetum flavescens</i>		58.0	21, 21AA, 21ACA
<i>Phyteuma spicatum</i>	Dg	56.0	22AD
<i>Leontodon hispidus</i>		53.0	01CA, 21AA, 21AC, 21ACB
<i>Trifolium repens</i>		51.0	21, 21AA, 21AC, 21ACA, 21ACB, 39BB, 43
<i>Plantago lanceolata</i>		50.0	21, 21AA, 21AC, 21ACA, 21ACB, 21BC, 21BE, 22, 22AB, 25, 25AD, 26AEB, 26BB, 40, 44AC
<i>Deschampsia cespitosa</i>		49.0	06, 06AA, 06BC, 18AC, 21, 21BA, 21BB, 21BBA, 21BE, 22, 22AD, 28, 31, 31AA, 32AA, 32AAA, 32AAB, 32ADD, 41CD
<i>Campanula rotundifolia</i> agg.		49.0	01AC, 01CA, 22, 22AB, 26AEB
<i>Luzula campestris</i> agg.		48.0	19AF, 21, 21AA, 21ACB, 21BE, 22, 22AA, 22AB, 22AC, 22AD, 26AEB
<i>Leucanthemum vulgare</i> agg.		45.0	21, 21AA, 21AC, 21ACA, 21ACB, 21BE
<i>Rhytidadelphus squarrosus</i>	Dm	44.0	

<i>Taraxacum</i> sect. <i>Ruderalia</i>		43.0	02, 02AA, 21, 21AA, 21AC, 21ACA, 21BA, 21BC, 37AB, 39, 39AA, 39AB, 39AC, 39BA, 39BB, 39BC, 39CA, 40, 40AB, 41, 41CB, 41CC, 42, 43, 43AAA, 43BA, 44, 44AA, 44AC, 44BA
<i>Silene dioica</i>	Dg	43.0	41CD
<i>Poa pratensis</i> agg.		43.0	21, 21AA, 21AC, 21ACA, 21BA, 21BBA, 21BC, 21BE, 25AD, 26, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 29, 40, 42
<i>Campanula patula</i>		43.0	21AA
<i>Crepis mollis</i>	Dg	42.0	
<i>Heracleum sphondylium</i>		41.0	21AA, 30, 41, 41CC
<i>Cerastium holosteoides</i> ssp. <i>triviale</i>		41.0	21, 21AA, 21AC, 21ACA, 21ACB, 21BA
Dominant species (5)			
<i>Alchemilla vulgaris</i> agg.	Dg, C	5.0	
<i>Agrostis capillaris</i>	C	4.0	
<i>Rhytiadelphus squarrosus</i>	C	3.0	06BC
<i>Poa chaixii</i>		3.0	
<i>Geranium sylvaticum</i>	Dg, C	3.0	

Alliance 21AC *Cynosurion*

Cynosurus pastures

No. of relevés: 148

Diagnostic species (5)

<i>Cynosurus cristatus</i>	C	26.0	21, 21AA, 21ACA
<i>Leontodon autumnalis</i>		19.8	
<i>Trifolium pratense</i>	C	19.3	21, 21AA
<i>Phleum pratense</i> agg.		19.2	21, 21ACA
<i>Bellis perennis</i>		18.3	21, 21AA, 21ACA

Constant species (22)

<i>Achillea millefolium</i> agg.		89.0	21, 21AA, 21AB, 21ACA, 21ACB, 21BE, 22, 22AB, 22AD, 23, 24, 24AA, 25, 25AD, 26, 26AD, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 27AB, 39AC, 40, 40AA, 40AB, 41CB, 42, 42AA, 44AC
<i>Plantago lanceolata</i>		76.0	21, 21AA, 21AB, 21ACA, 21ACB, 21BC, 21BE, 22, 22AB, 25, 25AD, 26AEB, 26BB, 40, 44AC
<i>Trifolium pratense</i>	Dg	71.0	21, 21AA, 21ACA, 21ACB, 21BC
<i>Trifolium repens</i>		68.0	21, 21AA, 21AB, 21ACA, 21ACB, 39BB, 43
<i>Taraxacum</i> sect. <i>Ruderalia</i>		68.0	02, 02AA, 21, 21AA, 21AB, 21ACA, 21BA, 21BC, 37AB, 39, 39AA, 39AB, 39AC, 39BA, 39BB, 39BC, 39CA, 40, 40AB, 41, 41CB, 41CC, 42, 43, 43AAA, 43BA, 44, 44AA, 44AC, 44BA
<i>Festuca rubra</i> agg.	Dm	68.0	05, 05AA, 19AA, 19AF, 21, 21AA, 21AB, 21ACA, 21ACB, 21BA, 21BB, 21BBA, 21BE, 22, 22AA, 22AB, 22AD
<i>Anthoxanthum odoratum</i> agg.		64.0	04, 04AB, 05, 05AA, 19, 19AF, 21, 21AA, 21AB, 21ACA, 21ACB, 21BBA, 21BE, 22, 22AA, 22AB, 22AC, 22AD
<i>Agrostis capillaris</i>		64.0	21, 21AB, 21ACA, 21ACB, 22, 22AA, 22AB, 22AC, 22AD, 24, 25AD, 37, 37AA, 41CD
<i>Festuca pratensis</i>		62.0	21, 21AA, 21ACA, 21ACB, 21BA, 21BC, 21BE
<i>Alchemilla vulgaris</i> agg.		61.0	21, 21AA, 21AB, 21ACA, 21ACB, 21BBA, 21BE, 22AD
<i>Cerastium holosteoides</i> ssp. <i>triviale</i>		59.0	21, 21AA, 21AB, 21ACA, 21ACB, 21BA
<i>Dactylis glomerata</i>		58.0	21, 21AA, 21AB, 21ACA, 21ACB, 27, 32BB, 37AB, 41, 41CC
<i>Cynosurus cristatus</i>	Dg	55.0	21ACA, 21ACB

<i>Lotus corniculatus</i>		54.0	21AA, 21ACB, 26, 26AEB, 26BA
<i>Ranunculus acris</i>		53.0	19, 19AA, 19AB, 19AF, 21, 21AA, 21AB, 21ACA, 21BA, 21BB, 21BBA, 21BC, 21BE, 22, 22AB, 22AD
<i>Poa pratensis</i> agg.		51.0	21, 21AA, 21AB, 21ACA, 21BA, 21BBA, 21BC, 21BE, 25AD, 26, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 29, 40, 42
<i>Veronica chamaedrys</i> agg.		49.0	21, 21AA, 21AB, 21ACA, 22, 22AB, 32AB, 32BB, 32BC
<i>Leucanthemum vulgare</i> agg.		48.0	21, 21AA, 21AB, 21ACA, 21ACB, 21BE
<i>Rumex acetosa</i>		43.0	21, 21AA, 21AB, 21ACA, 21BA, 21BB, 21BBA, 21BE, 22, 22AB, 22AD
<i>Lolium perenne</i>		42.0	21ACA, 39AA, 39AB, 39AC, 39CA, 42, 43, 43AAA, 43BA
<i>Leontodon hispidus</i>		42.0	01CA, 21AA, 21AB, 21ACB
<i>Briza media</i>		41.0	19, 19AB, 19AF, 21, 21ACB, 21BE, 22, 22AB
Dominant species (1)			
<i>Festuca rubra</i> agg.	C	5.0	04AB, 21AA, 21ACA, 21BE, 22AD

Suballiance 21ACA *Lolio-Cynosurenion*

Eutrophic pastures

No. of relevés: 68

Diagnostic species (4)

<i>Lolium perenne</i>	C, Dm	20.2	39, 43, 43BA
<i>Bellis perennis</i>	C	20.0	21, 21AA, 21AC
<i>Cynosurus cristatus</i>	C	19.0	21, 21AA, 21AC
<i>Phleum pratense</i> agg.	C	18.6	21, 21AC

Constant species (27)

<i>Taraxacum</i> sect. <i>Ruderalia</i>		94.0	02, 02AA, 21, 21AA, 21AB, 21AC, 21BA, 21BC, 37AB, 39, 39AA, 39AB, 39AC, 39BA, 39BB, 39BC, 39CA, 40, 40AB, 41, 41CB, 41CC, 42, 43, 43AAA, 43BA, 44, 44AA, 44AC, 44BA
<i>Achillea millefolium</i> agg.		84.0	21, 21AA, 21AB, 21AC, 21ACB, 21BE, 22, 22AB, 22AD, 23, 24, 24AA, 25, 25AD, 26, 26AD, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 27AB, 39AC, 40, 40AA, 40AB, 41CB, 42, 42AA, 44AC
<i>Trifolium repens</i>	Dm	79.0	21, 21AA, 21AB, 21AC, 21ACB, 39BB, 43
<i>Trifolium pratense</i>		79.0	21, 21AA, 21AC, 21ACB, 21BC
<i>Poa pratensis</i> agg.		78.0	21, 21AA, 21AB, 21AC, 21BA, 21BBA, 21BC, 21BE, 25AD, 26, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 29, 40, 42
<i>Lolium perenne</i>	Dg, Dm	71.0	21AC, 39AA, 39AB, 39AC, 39CA, 42, 43, 43AAA, 43BA
<i>Plantago lanceolata</i>		69.0	21, 21AA, 21AB, 21AC, 21ACB, 21BC, 21BE, 22, 22AB, 25, 25AD, 26AEB, 26BB, 40, 44AC
<i>Festuca pratensis</i>		69.0	21, 21AA, 21AC, 21ACB, 21BA, 21BC, 21BE
<i>Dactylis glomerata</i>		69.0	21, 21AA, 21AB, 21AC, 21ACB, 27, 32BB, 37AB, 41, 41CC
<i>Alchemilla vulgaris</i> agg.		68.0	21, 21AA, 21AB, 21AC, 21ACB, 21BBA, 21BE, 22AD
<i>Ranunculus acris</i>		66.0	19, 19AA, 19AB, 19AF, 21, 21AA, 21AB, 21AC, 21BA, 21BB, 21BBA, 21BC, 21BE, 22, 22AB, 22AD
<i>Cerastium holosteoides</i> ssp. <i>triviale</i>		66.0	21, 21AA, 21AB, 21AC, 21ACA, 21BA
<i>Ranunculus repens</i>		65.0	18, 18AA, 21, 21BA, 21BBA, 21BC, 30, 30AA, 31, 31AA, 38, 39BB, 41, 43, 43AA, 43AAA, 43AAB
<i>Veronica chamaedrys</i> agg.		60.0	21, 21AA, 21AB, 21AC, 22, 22AB, 32AB, 32BB, 32BC

<i>Cynosurus cristatus</i>	Dg	59.0	21AC, 21ACB
<i>Anthoxanthum odoratum</i> agg.		57.0	04, 04AB, 05, 05AA, 19, 19AF, 21, 21AA, 21AB, 21AC, 21ACB, 21BBA, 21BE, 22, 22AA, 22AB, 22AC, 22AD
<i>Poa trivialis</i>		56.0	21, 21BA, 21BB, 21BBA, 21BBB, 21BC, 30, 30AC, 41, 41CC, 43AAB
<i>Phleum pratense</i> agg.	Dg	56.0	
<i>Rumex acetosa</i>		54.0	21, 21AA, 21AB, 21AC, 21BA, 21BB, 21BBA, 21BE, 22, 22AB, 22AD
<i>Festuca rubra</i> agg.	Dm	54.0	05, 05AA, 19AA, 19AF, 21, 21AA, 21AB, 21AC, 21ACB, 21BA, 21BB, 21BBA, 21BE, 22, 22AA, 22AB, 22AD
<i>Agrostis capillaris</i>		50.0	21, 21AB, 21AC, 21ACB, 22, 22AA, 22AB, 22AC, 22AD, 24, 25AD, 37, 37AA, 41CD
<i>Bellis perennis</i>	Dg	47.0	
<i>Alopecurus pratensis</i>		47.0	21, 21AA, 21AB, 21BA, 21BB, 21BBA, 21BBB, 21BC, 21BD, 21BE
<i>Holcus lanatus</i>		44.0	19, 19AA, 19AB, 19AF, 21, 21AA, 21BA, 21BB, 21BBA, 21BE, 22AB
<i>Trisetum flavescens</i>		43.0	21, 21AA, 21AB
<i>Leucanthemum vulgare</i> agg.		43.0	21, 21AA, 21AB, 21AC, 21ACB, 21BE
<i>Plantago major</i> agg.		41.0	12, 12AC, 17, 39, 39AA, 39AC, 39BB, 43, 43AAA, 43BA, 44, 44AB, 44AC
Dominant species (3)			
<i>Festuca rubra</i> agg.	C	7.0	04AB, 21AA, 21AC, 21BE, 22AD
<i>Lolium perenne</i>	Dg, C	6.0	43AAA, 43BA
<i>Trifolium repens</i>	C	4.0	

Suballiance 21ACB *Polygalo-Cynosurenion*

Mesotrophic pastures

No. of relevés: 56

Diagnostic species (3)

<i>Euphrasia rostkoviana</i>	C	23.7
<i>Trifolium ochroleucon</i>		20.2
<i>Senecio jacobaea</i>	C	18.8

Constant species (35)

<i>Achillea millefolium</i> agg.		91.0	21, 21AA, 21AB, 21AC, 21ACA, 21BE, 22, 22AB, 22AD, 23, 24, 24AA, 25, 25AD, 26, 26AD, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 27AB, 39AC, 40, 40AA, 40AB, 41CB, 42, 42AA, 44AC
<i>Anthoxanthum odoratum</i> agg.		86.0	04, 04AB, 05, 05AA, 19, 19AF, 21, 21AA, 21AB, 21AC, 21ACA, 21BBA, 21BE, 22, 22AA, 22AB, 22AC, 22AD
<i>Lotus corniculatus</i>		84.0	21AA, 21AC, 26, 26AEB, 26BA
<i>Festuca rubra</i> agg.		84.0	05, 05AA, 19AA, 19AF, 21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BB, 21BBA, 21BE, 22, 22AA, 22AB, 22AD
<i>Plantago lanceolata</i>		82.0	21, 21AA, 21AB, 21AC, 21ACA, 21BC, 21BE, 22, 22AB, 25, 25AD, 26AEB, 26BB, 40, 44AC
<i>Briza media</i>		82.0	19, 19AB, 19AF, 21, 21AC, 21BE, 22, 22AB
<i>Thymus pulegioides</i>		80.0	25, 25AC, 26AEB, 26BB
<i>Agrostis capillaris</i>		80.0	21, 21AB, 21AC, 21ACA, 22, 22AA, 22AB, 22AC, 22AD, 24, 25AD, 37, 37AA, 41CD
<i>Leontodon hispidus</i>		77.0	01CA, 21AA, 21AB, 21AC
<i>Pimpinella saxifraga</i>		75.0	01CA, 22AB, 25, 26, 26AD, 26AEB, 26BA, 26BB, 34, 34AA
<i>Trifolium pratense</i>		71.0	21, 21AA, 21AC, 21ACA, 21BC
<i>Festuca pratensis</i>		70.0	21, 21AA, 21AC, 21ACA, 21BA, 21BC, 21BE
<i>Euphorbia cyparissias</i>		66.0	24, 25, 25AC, 25AD, 26, 26AA, 26AAA, 26AAB,

			26AB, 26AC, 26ACB, 26ACC, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 27AB, 29, 29AA, 32BA, 32BC, 34, 34AA
<i>Centaurea jacea</i>		66.0	21BC, 21BE
<i>Plantago media</i>		62.0	26, 26AD, 26AEB, 26BA
<i>Leucanthemum vulgare</i> agg.		62.0	21, 21AA, 21AB, 21AC, 21ACA, 21BE
<i>Prunella vulgaris</i>		55.0	
<i>Cynosurus cristatus</i>		55.0	21AC, 21ACA
<i>Alchemilla vulgaris</i> agg.		52.0	21, 21AA, 21AB, 21AC, 21ACA, 21BBA, 21BE, 22AD
<i>Trifolium repens</i>		50.0	21, 21AA, 21AB, 21AC, 21ACA, 39BB, 43
<i>Fragaria vesca</i>		50.0	32AB, 32ADC, 32BB, 37AB
<i>Cerastium holosteoides</i> ssp. <i>triviale</i>		50.0	21, 21AA, 21AB, 21AC, 21ACA, 21BA
<i>Ononis spinosa</i>		48.0	
<i>Euphrasia rostkoviana</i>	Dg	48.0	
<i>Carlina acaulis</i>		48.0	
<i>Brachypodium pinnatum</i>	Dm	48.0	26, 26BA, 27, 27AA, 32BA, 32BB
<i>Linum catharticum</i>		46.0	19AD, 26BA
<i>Knautia arvensis</i> agg.		46.0	01CA, 21AA, 26, 26AEB, 26BA, 27, 27AB
<i>Galium verum</i> agg.		46.0	26, 26AEC, 26BA, 26BB, 27, 34
<i>Polygala vulgaris</i> agg.		45.0	22AB
<i>Potentilla erecta</i>		43.0	05, 05AA, 06, 06BA, 06BB, 06BC, 18AC, 19, 19AA, 19AB, 19AC, 19AD, 19AF, 19BC, 21BE, 22, 22AA, 22AB, 22AC, 22AD, 22BA
<i>Luzula campestris</i> agg.		43.0	19AF, 21, 21AA, 21AB, 21BE, 22, 22AA, 22AB, 22AC, 22AD, 26AEB
<i>Dactylis glomerata</i>		43.0	21, 21AA, 21AB, 21AC, 21ACA, 27, 32BB, 37AB, 41, 41CC
<i>Senecio jacobaea</i>	Dg	41.0	
<i>Leontodon autumnalis</i>		41.0	
Dominant species (1)			
<i>Brachypodium pinnatum</i>	C	4.0	26, 26BA, 32BB, 32BC, 34, 34AA

Alliance 21BA *Alopecurion pratensis*

Alluvial *Alopecurus* meadows

No. of relevés: 268

Diagnostic species (5)

<i>Alopecurus pratensis</i>	C, Dm	24.2	21, 21AA, 21BB, 21BBA
<i>Sanguisorba officinalis</i>	C, Dm	21.7	21, 21BB, 21BBA, 21BE
<i>Lychnis flos-cuculi</i>	C	19.3	21, 21BB, 21BBA, 21BE
<i>Holcus lanatus</i>	C, Dm	18.5	21, 21AA, 21BB, 21BBA, 21BE
<i>Rumex acetosa</i>	C	18.1	21, 21AA, 21BB, 21BBA, 21BE

Constant species (17)

<i>Alopecurus pratensis</i>	Dg, Dm	85.0	21, 21AA, 21AB, 21AC, 21ACA, 21BB, 21BBA, 21BBB, 21BC, 21BD, 21BE
<i>Rumex acetosa</i>	Dg	75.0	21, 21AA, 21AB, 21AC, 21ACA, 21BB, 21BBA, 21BE, 22, 22AB, 22AD
<i>Deschampsia cespitosa</i>	Dm	70.0	06, 06AA, 06BC, 18AC, 21, 21AB, 21BB, 21BBA, 21BE, 22, 22AD, 28, 31, 31AA, 32AA, 32AAA, 32AAB, 32ADD, 41CD
<i>Sanguisorba officinalis</i>	Dg, Dm	69.0	19AB, 21, 21BB, 21BBA, 21BE
<i>Ranunculus acris</i>		69.0	19, 19AA, 19AB, 19AF, 21, 21AA, 21AB, 21AC, 21ACA, 21BB, 21BBA, 21BC, 21BE, 22, 22AB, 22AD
<i>Poa pratensis</i> agg.		68.0	21, 21AA, 21AB, 21AC, 21ACA, 21BBA, 21BC, 21BE, 25AD, 26, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 29, 40, 42
<i>Ranunculus repens</i>		67.0	18, 18AA, 21, 21ACA, 21BBA, 21BC, 30, 30AA, 31, 31AA, 38, 39BB, 41, 43, 43AA, 43AAA, 43AAB

<i>Holcus lanatus</i>	Dg, Dm	65.0	19, 19AA, 19AB, 19AF, 21, 21AA, 21ACA, 21BB, 21BBA, 21BE, 22AB
<i>Lychnis flos-cuculi</i>	Dg	63.0	21, 21BB, 21BBA, 21BC, 21BE
<i>Poa trivialis</i>		62.0	21, 21ACA, 21BB, 21BBA, 21BBB, 21BC, 30, 30AC, 41, 41CC, 43AAB
<i>Taraxacum</i> sect. <i>Ruderalia</i>		56.0	02, 02AA, 21, 21AA, 21AB, 21AC, 21ACA, 21BC, 37AB, 39, 39AA, 39AB, 39AC, 39BA, 39BB, 39BC, 39CA, 40, 40AB, 41, 41CB, 41CC, 42, 43, 43AAA, 43BA, 44, 44AA, 44AC, 44BA
<i>Festuca pratensis</i>		55.0	21, 21AA, 21AC, 21ACA, 21ACB, 21BC, 21BE
<i>Lathyrus pratensis</i>		53.0	21, 21AA, 21BB, 21BBA, 21BBB, 21BC, 21BD, 21BE
<i>Cerastium holosteoides</i> ssp. <i>triviale</i>		51.0	21, 21AA, 21AB, 21AC, 21ACA, 21ACB
<i>Cardamine pratensis</i> agg.		47.0	21, 21BBA, 21BC, 21BE
<i>Festuca rubra</i> agg.		45.0	05, 05AA, 19AA, 19AF, 21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BB, 21BBA, 21BE, 22, 22AA, 22AB, 22AD
<i>Ranunculus auricomus</i> agg.		43.0	21, 21BB, 21BBA, 21BC, 21BE
Dominant species (4)			
<i>Alopecurus pratensis</i>	Dg, C	22.0	21BC, 21BD
<i>Deschampsia cespitosa</i>	C	10.0	06, 06AA, 06BC, 22AC
<i>Holcus lanatus</i>	Dg, C	6.0	
<i>Sanguisorba officinalis</i>	Dg, C	4.0	

Alliance 21BB *Calthion*

Wet *Cirsium* meadows

No. of relevés: 1965

Diagnostic species (54)

<i>Scirpus sylvaticus</i>	C, Dm	59.1	21, 21BBA, 21BBB
<i>Caltha palustris</i>	C	48.4	21, 21BBA, 21BBB
<i>Galium uliginosum</i>	C	48.1	19, 21, 21BBA
<i>Angelica sylvestris</i>	C	47.0	21, 21BBA
<i>Alopecurus pratensis</i>	C	44.8	21, 21AA, 21BA, 21BBA
<i>Poa trivialis</i>	C	44.5	21, 21BBA
<i>Filipendula ulmaria</i>	C, Dm	44.3	21, 21BBA, 21BBB
<i>Ranunculus auricomus</i> agg.	C	43.5	21, 21BBA, 21BE
<i>Myosotis palustris</i> agg.	C	43.4	21, 21BBA
<i>Lychnis flos-cuculi</i>	C	41.8	21, 21BA, 21BBA, 21BE
<i>Rumex acetosa</i>	C	41.6	21, 21AA, 21BA, 21BBA, 21BE
<i>Juncus effusus</i>	C	41.1	21, 21BBA
<i>Lathyrus pratensis</i>	C	40.8	21, 21AA, 21BBA, 21BE
<i>Cirsium palustre</i>	C	40.3	21, 21BBA, 21BE
<i>Ranunculus acris</i>	C	38.3	21, 21AA, 21BBA, 21BE
<i>Cardamine pratensis</i> agg.		37.0	21, 21BBA
<i>Equisetum palustre</i>		36.9	21, 21BBA
<i>Carex nigra</i>	C	35.9	19, 19AA, 21, 21BBA
<i>Bistorta major</i>		34.1	21, 21AB, 21BBA, 22AD
<i>Holcus lanatus</i>	C	33.2	21, 21AA, 21BA, 21BBA, 21BE
<i>Sanguisorba officinalis</i>	C	33.0	21, 21BA, 21BBA, 21BE
<i>Carex panicea</i>		32.9	19, 19AB, 21, 21BBA, 21BE
<i>Crepis paludosa</i>		31.4	21, 21BBA, 32AA, 32AAA
<i>Cirsium oleraceum</i>	Dm	30.9	21, 21BBA, 32AA, 32AAA
<i>Lotus uliginosus</i>		30.6	21, 21BBA
<i>Festuca rubra</i> agg.	C	30.3	21, 21AA, 21BBA, 21BE, 22
<i>Cirsium rivulare</i>		30.0	21, 21BBA
<i>Juncus conglomeratus</i>		29.7	21, 21BBA
<i>Deschampsia cespitosa</i>	C	29.3	21, 21BBA, 21BE
<i>Alchemilla vulgaris</i> agg.		27.9	21, 21AA, 21AB, 21BBA
<i>Climacium dendroides</i>		27.8	21, 21BBA, 21BE

<i>Cirriphyllum piliferum</i>		27.8	21, 21BBA
<i>Galium palustre</i> agg.		26.4	13, 13ED, 21BBA
<i>Juncus filiformis</i>		25.7	21, 21BBA
<i>Calliergonella cuspidata</i>		25.0	19, 19AB, 21, 21BBA
<i>Geranium palustre</i>		24.7	21, 21BBB
<i>Valeriana dioica</i>		24.0	19, 19AA, 19AB, 21, 21BBA
<i>Festuca pratensis</i>		23.9	21, 21AA, 21BBA, 21BE
<i>Mentha x verticillata</i>		23.8	21BBA
<i>Ranunculus repens</i>		23.1	21, 21BBA
<i>Carex hirta</i>		22.6	21, 21BBA
<i>Geum rivale</i>		22.3	21BBA
<i>Lysimachia nummularia</i>		21.7	21, 21BBA
<i>Epilobium obscurum</i>		21.7	21BBA
<i>Dactylorhiza majalis</i>		21.5	19, 19AB, 21BBA
<i>Rhytiadelphus squarrosus</i>		20.8	21, 21BBA
<i>Carex cespitosa</i>		20.7	21BBA
<i>Lysimachia vulgaris</i>		20.6	21BBB, 31
<i>Achillea ptarmica</i>		20.4	21, 21BBA
<i>Agrostis canina</i>		20.2	19, 19AA, 21BBA
<i>Anthoxanthum odoratum</i> agg.		19.9	21, 21AA, 21BBA, 21BE, 22
<i>Agrostis stolonifera</i>		18.5	21BBA, 43AA
<i>Viola palustris</i>		18.4	19, 19AA, 21BBA
<i>Chaerophyllum hirsutum</i>		18.2	32AA, 32AAA, 41BA
Constant species (20)			
<i>Rumex acetosa</i>	Dg	64.0	21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BBA, 21BE, 22, 22AB, 22AD
<i>Poa trivialis</i>	Dg	61.0	21, 21ACA, 21BA, 21BBA, 21BBB, 21BC, 30, 30AC, 41, 41CC, 43AAB
<i>Scirpus sylvaticus</i>	Dg, Dm	60.0	21, 21BBA, 21BBB, 31
<i>Ranunculus acris</i>	Dg	60.0	19, 19AA, 19AB, 19AF, 21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BBA, 21BC, 21BE, 22, 22AB, 22AD
<i>Alopecurus pratensis</i>	Dg	60.0	21, 21AA, 21AB, 21ACA, 21BA, 21BBA, 21BBB, 21BC, 21BD, 21BE
<i>Myosotis palustris</i> agg.	Dg	55.0	18, 18AA, 18AB, 21, 21BBA, 31
<i>Caltha palustris</i>	Dg	54.0	18, 19BA, 21, 21BBA, 21BBB, 31, 31AA
<i>Lathyrus pratensis</i>	Dg	53.0	21, 21AA, 21BA, 21BBA, 21BBB, 21BC, 21BD, 21BE
<i>Filipendula ulmaria</i>	Dg, Dm	52.0	21, 21BBA, 21BBB, 30, 30AA, 31, 31AA
<i>Galium uliginosum</i>	Dg	51.0	19, 19AA, 19AF, 21, 21BBA, 21BBB, 21BE
<i>Angelica sylvestris</i>	Dg	51.0	21, 21BBA, 21BBB
<i>Lychnis flos-cuculi</i>	Dg	50.0	21, 21BA, 21BBA, 21BC, 21BE
<i>Festuca rubra</i> agg.	Dg	50.0	05, 05AA, 19AA, 19AF, 21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BA, 21BBA, 21BE, 22, 22AA, 22AB, 22AD
<i>Deschampsia cespitosa</i>	Dg	50.0	06, 06AA, 06BC, 18AC, 21, 21AB, 21BA, 21BBA, 21BE, 22, 22AD, 28, 31, 31AA, 32AA, 32AAA, 32AAB, 32ADD, 41CD
<i>Ranunculus auricomus</i> agg.	Dg	48.0	21, 21BA, 21BBA, 21BC, 21BE
<i>Holcus lanatus</i>	Dg	46.0	19, 19AA, 19AB, 19AF, 21, 21AA, 21ACA, 21BA, 21BBA, 21BE, 22AB
<i>Cirsium palustre</i>	Dg	46.0	19, 19AA, 19AD, 19AF, 21, 21BBA, 21BE, 31
<i>Juncus effusus</i>	Dg	45.0	21BBA, 37, 37AC, 43AAC
<i>Sanguisorba officinalis</i>	Dg	42.0	19AB, 21, 21BA, 21BBA, 21BE
<i>Carex nigra</i>	Dg	41.0	05, 05AA, 19, 19AA, 19AB, 19AC, 19AD, 19AF, 19BA, 19BB, 19BC, 21, 21BBA, 22AC
Dominant species (4)			
<i>Scirpus sylvaticus</i>	Dg, C	15.0	21, 21BBA
<i>Filipendula ulmaria</i>	Dg, C	14.0	21, 21BBA, 21BBB
<i>Cirsium heterophyllum</i>		4.0	21BBA
<i>Cirsium oleraceum</i>	Dg	3.0	21BBA, 41CC

Suballiance 21BBA *Calthenion***Regularly mown, wet *Cirsium* meadows**

No. of relevés: 1526

Diagnostic species (55)

<i>Scirpus sylvaticus</i>	C, Dm	52.8	21, 21BB, 21BBB
<i>Galium uliginosum</i>	C	44.6	19, 21, 21BB
<i>Lychnis flos-cuculi</i>	C	43.7	21, 21BA, 21BB, 21BE
<i>Caltha palustris</i>	C	43.4	21, 21BB, 21BBB
<i>Rumex acetosa</i>	C	43.2	21, 21AA, 21BA, 21BB, 21BE
<i>Angelica sylvestris</i>	C	42.8	21, 21BB
<i>Myosotis palustris</i> agg.	C	42.7	21, 21BB
<i>Poa trivialis</i>	C	41.6	21, 21BB
<i>Ranunculus auricomus</i> agg.	C	40.7	21, 21BB, 21BE
<i>Juncus effusus</i>	C	40.4	21, 21BB
<i>Alopecurus pratensis</i>	C	40.3	21, 21AA, 21BA, 21BB
<i>Ranunculus acris</i>	C	40.1	21, 21AA, 21BB, 21BE
<i>Cardamine pratensis</i> agg.	C	39.1	21, 21BB
<i>Cirsium palustre</i>	C	38.3	21, 21BB, 21BE
<i>Lathyrus pratensis</i>	C	37.4	21, 21AA, 21BB, 21BE
<i>Carex nigra</i>	C	37.2	19, 19AA, 21, 21BB
<i>Carex panicea</i>	C	35.3	19, 19AB, 21, 21BB, 21BE
<i>Holcus lanatus</i>	C	34.8	21, 21AA, 21BA, 21BB, 21BE
<i>Festuca rubra</i> agg.	C	33.3	21, 21AA, 21BB, 21BE, 22
<i>Bistorta major</i>	Dm	31.8	21, 21AB, 21BB, 22AD
<i>Equisetum palustre</i>		31.6	21, 21BB
<i>Sanguisorba officinalis</i>	C	31.2	21, 21BA, 21BB, 21BE
<i>Juncus conglomeratus</i>		30.4	21, 21BB
<i>Cirsium rivulare</i>		30.3	21, 21BB
<i>Lotus uliginosus</i>		29.9	21, 21BB
<i>Filipendula ulmaria</i>	C, Dm	29.9	21, 21BB, 21BBB
<i>Climacium dendroides</i>		29.8	21, 21BB, 21BE
<i>Deschampsia cespitosa</i>	C	29.1	21, 21BB, 21BE
<i>Crepis paludosa</i>		29.0	21, 21BB, 32AA, 32AAA
<i>Alchemilla vulgaris</i> agg.	C	29.0	21, 21AA, 21AB, 21BB
<i>Cirriphyllum piliferum</i>		28.7	21, 21BB
<i>Juncus filiformis</i>		28.6	21, 21BB
<i>Festuca pratensis</i>		26.2	21, 21AA, 21BB, 21BE
<i>Mentha x verticillata</i>		26.0	21BB
<i>Calliargonella cuspidata</i>		25.9	19, 19AB, 21, 21BB
<i>Valeriana dioica</i>		25.7	19, 19AA, 19AB, 21, 21BB
<i>Cirsium oleraceum</i>	Dm	25.7	21, 21BB, 32AA, 32AAA
<i>Galium palustre</i> agg.		25.5	13, 13ED, 21BB
<i>Ranunculus repens</i>	C	24.8	21, 21BB
<i>Anthoxanthum odoratum</i> agg.	C	23.5	21, 21AA, 21BB, 21BE, 22
<i>Rhynchospora squarrosus</i>		23.3	21, 21BB
<i>Carex hirta</i>		22.8	21, 21BB
<i>Geum rivale</i>		22.3	21BB
<i>Agrostis canina</i>		22.3	19, 19AA, 21BB
<i>Dactylorhiza majalis</i>		22.2	19, 19AB, 21BB
<i>Lysimachia nummularia</i>		21.8	21, 21BB
<i>Carex cespitosa</i>	Dm	21.1	21BB
<i>Epilobium obscurum</i>		20.8	21BB
<i>Carex ovalis</i>		20.5	21
<i>Carex pallescens</i>		19.7	21, 21BE
<i>Agrostis stolonifera</i>		19.6	21BB, 43AA
<i>Cerastium lucorum</i>		19.3	
<i>Achillea ptarmica</i>		19.2	21, 21BB
<i>Viola palustris</i>		18.1	19, 19AA, 21BB
Constant species (26)			
<i>Rumex acetosa</i>	Dg	73.0	21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BB,

<i>Ranunculus acris</i>	Dg	68.0	21BE, 22, 22AB, 22AD 19, 19AA, 19AB, 19AF, 21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BB, 21BC, 21BE, 22, 22AB, 22AD
<i>Poa trivialis</i>	Dg	65.0	21, 21ACA, 21BA, 21BB, 21BBB, 21BC, 30, 30AC, 41, 41CC, 43AAB
<i>Scirpus sylvaticus</i>	Dg, Dm	61.0	21, 21BB, 21BBB, 31
<i>Myosotis palustris</i> agg.	Dg	61.0	18, 18AA, 18AB, 21, 21BB, 31
<i>Alopecurus pratensis</i>	Dg	61.0	21, 21AA, 21AB, 21ACA, 21BA, 21BB, 21BBB, 21BC, 21BD, 21BE
<i>Festuca rubra</i> agg.	Dg	60.0	05, 05AA, 19AA, 19AF, 21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BA, 21BB, 21BE, 22, 22AA, 22AB, 22AD
<i>Lychnis flos-cuculi</i>	Dg	59.0	21, 21BA, 21BB, 21BC, 21BE
<i>Caltha palustris</i>	Dg	56.0	18, 19BA, 21, 21BB, 21BBB, 31, 31AA
<i>Lathyrus pratensis</i>	Dg	55.0	21, 21AA, 21BA, 21BB, 21BBB, 21BC, 21BD, 21BE
<i>Deschampsia cespitosa</i>	Dg	54.0	06, 06AA, 06BC, 18AC, 21, 21AB, 21BA, 21BB, 21BE, 22, 22AD, 28, 31, 31AA, 32AA, 32AAA, 32AAB, 32ADD, 41CD
<i>Holcus lanatus</i>	Dg	53.0	19, 19AA, 19AB, 19AF, 21, 21AA, 21ACA, 21BA, 21BB, 21BE, 22AB
<i>Galium uliginosum</i>	Dg	53.0	19, 19AA, 19AF, 21, 21BB, 21BBB, 21BE
<i>Angelica sylvestris</i>	Dg	53.0	21, 21BB, 21BBB
<i>Ranunculus auricomus</i> agg.	Dg	50.0	21, 21BA, 21BB, 21BC, 21BE
<i>Juncus effusus</i>	Dg	50.0	21BB, 37, 37AC, 43AAC
<i>Cirsium palustre</i>	Dg	49.0	19, 19AA, 19AD, 19AF, 21, 21BB, 21BE, 31
<i>Carex nigra</i>	Dg	48.0	05, 05AA, 19, 19AA, 19AB, 19AC, 19AD, 19AF, 19BA, 19BB, 19BC, 21, 21BB, 22AC
<i>Cardamine pratensis</i> agg.	Dg	47.0	21, 21BA, 21BC, 21BE
<i>Ranunculus repens</i>	Dg	46.0	18, 18AA, 21, 21ACA, 21BA, 21BC, 30, 30AA, 31, 31AA, 38, 39BB, 41, 43, 43AA, 43AAA, 43AAB
<i>Sanguisorba officinalis</i>	Dg	45.0	19AB, 21, 21BA, 21BB, 21BE
<i>Anthoxanthum odoratum</i> agg.	Dg	44.0	04, 04AB, 05, 05AA, 19, 19AF, 21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BE, 22, 22AA, 22AB, 22AC, 22AD
<i>Alchemilla vulgaris</i> agg.	Dg	43.0	21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BE, 22AD
<i>Filipendula ulmaria</i>	Dg, Dm	42.0	21, 21BB, 21BBB, 30, 30AA, 31, 31AA
<i>Carex panicea</i>	Dg	42.0	05, 05AA, 19, 19AA, 19AB, 19AC, 19AD, 19AF, 21BE, 22AC
<i>Poa pratensis</i> agg.		41.0	21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BC, 21BE, 25AD, 26, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 29, 40, 42
Dominant species (6)			
<i>Scirpus sylvaticus</i>	Dg, C	18.0	21, 21BB
<i>Cirsium heterophyllum</i>		5.0	21BB
<i>Cirsium oleraceum</i>	Dg	4.0	21BB, 41CC
<i>Bistorta major</i>	Dg	4.0	06BC, 22AD
<i>Filipendula ulmaria</i>	Dg, C	3.0	21, 21BB, 21BBB
<i>Carex cespitosa</i>	Dg	3.0	

Suballiance 21BBB *Filipendulenion*

Wet *Filipendula* grasslands

No. of relevés: 346

Diagnostic species (5)

<i>Filipendula ulmaria</i>	C, Dm	36.8	21, 21BB, 21BBA
<i>Geranium palustre</i>	Dm	25.1	21, 21BB
<i>Scirpus sylvaticus</i>	C	22.2	21, 21BB, 21BBA

<i>Caltha palustris</i>	C	18.4	21, 21BB, 21BBA
<i>Lysimachia vulgaris</i>	C	18.1	21BB, 31
Constant species (10)			
<i>Filipendula ulmaria</i>	Dg, Dm	96.0	21, 21BB, 21BBA, 30, 30AA, 31, 31AA
<i>Alopecurus pratensis</i>		57.0	21, 21AA, 21AB, 21ACA, 21BA, 21BB, 21BBA, 21BC, 21BD, 21BE
<i>Scirpus sylvaticus</i>	Dg	56.0	21, 21BB, 21BBA, 31
<i>Poa trivialis</i>		52.0	21, 21ACA, 21BA, 21BB, 21BBA, 21BC, 30, 30AC, 41, 41CC, 43AAB
<i>Caltha palustris</i>	Dg	52.0	18, 19BA, 21, 21BB, 21BBA, 31, 31AA
<i>Lysimachia vulgaris</i>	Dg	48.0	13EB, 19, 19AF, 19BA, 31, 31AA, 31BA
<i>Lathyrus pratensis</i>		47.0	21, 21AA, 21BA, 21BB, 21BBA, 21BC, 21BD, 21BE
<i>Angelica sylvestris</i>		45.0	21, 21BB, 21BBA
<i>Galium uliginosum</i>		44.0	19, 19AA, 19AF, 21, 21BB, 21BBA, 21BE
<i>Equisetum palustre</i>		41.0	19, 19AB, 19AF
Dominant species (3)			
<i>Filipendula ulmaria</i>	Dg, C	67.0	21, 21BB, 21BBA
<i>Chaerophyllum hirsutum</i>		4.0	18, 18AB
<i>Geranium palustre</i>	Dg	3.0	

Alliance 21BC *Cnidion venosi***Continental inundated meadows**

No. of relevés: 48

Diagnostic species (19)

<i>Cnidium dubium</i>	C	53.0	
<i>Cerastium dubium</i>		37.2	
<i>Gratiola officinalis</i>		36.9	
<i>Lythrum virgatum</i>		33.5	
<i>Allium angulosum</i>		31.0	
<i>Lathyrus palustris</i>		28.2	
<i>Carex melanostachya</i>		27.9	
<i>Leptodictyum riparium</i>		24.9	
<i>Pulegium vulgare</i>		24.6	43AA, 43AAB
<i>Scutellaria hastifolia</i>		24.5	
<i>Carex praecox</i>	C	24.4	
<i>Rorippa austriaca</i>		21.7	
<i>Rorippa x anceps</i>		21.6	
<i>Potentilla reptans</i>	C	21.2	43AA
<i>Euphorbia lucida</i>		20.4	
<i>Serratula tinctoria</i>	C	19.1	
<i>Pottia intermedia</i>		18.2	
<i>Inula britannica</i>		18.2	
<i>Pseudolysimachion maritimum</i>		18.1	21BD
Constant species (25)			
<i>Alopecurus pratensis</i>	Dm	88.0	21, 21AA, 21AB, 21ACA, 21BA, 21BB, 21BBA, 21BBB, 21BD, 21BE
<i>Ranunculus repens</i>		79.0	18, 18AA, 21, 21ACA, 21BA, 21BBA, 30, 30AA, 31, 31AA, 38, 39BB, 41, 43, 43AA, 43AAA, 43AAB
<i>Poa pratensis</i> agg.		73.0	21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BBA, 21BE, 25AD, 26, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 29, 40, 42
<i>Taraxacum</i> sect. <i>Ruderalia</i>		71.0	02, 02AA, 21, 21AA, 21AB, 21AC, 21ACA, 21BA, 37AB, 39, 39AA, 39AB, 39AC, 39BA, 39BB, 39BC, 39CA, 40, 40AB, 41, 41CB, 41CC, 42, 43, 43AAA, 43BA, 44, 44AA, 44AC, 44BA
<i>Potentilla reptans</i>	Dg	71.0	21BD
<i>Lysimachia nummularia</i>		67.0	32AAB

<i>Lychnis flos-cuculi</i>		67.0	21, 21BA, 21BB, 21BBA, 21BE
<i>Plantago lanceolata</i>		60.0	21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BE, 22, 22AB, 25, 25AD, 26AEB, 26BB, 40, 44AC
<i>Festuca pratensis</i>		60.0	21, 21AA, 21AC, 21ACA, 21ACB, 21BA, 21BE
<i>Phalaris arundinacea</i>		58.0	13DA, 13ED, 21BD, 30, 30AA, 30AC, 31, 41AA
<i>Cnidium dubium</i>	Dg	58.0	21BD
<i>Cardamine pratensis</i> agg.		58.0	21, 21BA, 21BBA, 21BE
<i>Ranunculus auricomus</i> agg.		54.0	21, 21BA, 21BB, 21BBA, 21BE
<i>Rumex crispus</i>		52.0	44, 44AB, 44AC
<i>Cirsium arvense</i>		52.0	21BD, 37AB, 39, 39BA, 39BB, 39BC, 40, 40AB, 44, 44AA, 44AB, 44AC, 44BA
<i>Symphytum officinale</i> agg.		50.0	21BD, 30
<i>Poa trivialis</i>		50.0	21, 21ACA, 21BA, 21BB, 21BBA, 21BBB, 30, 30AC, 41, 41CC, 43AAB
<i>Ranunculus acris</i>		48.0	19, 19AA, 19AB, 19AF, 21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BB, 21BBA, 21BE, 22, 22AB, 22AD
<i>Lathyrus pratensis</i>		48.0	21, 21AA, 21BA, 21BB, 21BBA, 21BBB, 21BD, 21BE
<i>Carex praecox</i>	Dg	48.0	
<i>Carex acuta</i>		48.0	13ED, 21BD
<i>Serratula tinctoria</i>	Dg	46.0	
<i>Poa palustris</i>	Dm	46.0	21BD, 30, 30AA
<i>Trifolium pratense</i>		44.0	21, 21AA, 21AC, 21ACA, 21ACB
<i>Centaurea jacea</i>		42.0	21ACB, 21BE
Dominant species (2)			
<i>Alopecurus pratensis</i>	C	15.0	21BA, 21BD
<i>Poa palustris</i>	C	4.0	

Alliance 21BD *Veronico longifoliae*-*Lysimachion vulgaris*

Continental tall-forb vegetation

No. of relevés: 4

Diagnostic species (2)

<i>Pseudolysimachion maritimum</i>	C	23.7	21BC
<i>Thalictrum flavum</i>	C	19.6	

Constant species (13)

<i>Cirsium arvense</i>		100.0	21BC, 37AB, 39, 39BA, 39BB, 39BC, 40, 40AB, 44, 44AA, 44AB, 44AC, 44BA
<i>Pseudolysimachion maritimum</i>	Dg	75.0	
<i>Poa palustris</i>		75.0	21BC, 30, 30AA
<i>Phalaris arundinacea</i>	Dm	75.0	13DA, 13ED, 21BC, 30, 30AA, 30AC, 31, 41AA
<i>Lathyrus pratensis</i>		75.0	21, 21AA, 21BA, 21BB, 21BBA, 21BBB, 21BC, 21BE
<i>Urtica dioica</i>		50.0	02, 13DA, 30, 30AA, 30AC, 31, 31AA, 31BA, 32, 32AA, 32AAA, 32AAB, 32AC, 32ADB, 36, 36AA, 37, 37AB, 37BA, 39AB, 41, 41AA, 41BA, 41CA, 41CB, 41CC
<i>Thalictrum flavum</i>	Dg	50.0	
<i>Symphytum officinale</i> agg.		50.0	21BC, 30
<i>Potentilla reptans</i>		50.0	21BC
<i>Cnidium dubium</i>		50.0	21BC
<i>Carex acuta</i>		50.0	13ED, 21BC
<i>Aster novi-belgii</i> agg.		50.0	
<i>Alopecurus pratensis</i>	Dm	50.0	21, 21AA, 21AB, 21ACA, 21BA, 21BB, 21BBA, 21BBB, 21BC, 21BE
Dominant species (2)			
<i>Phalaris arundinacea</i>	C	25.0	13, 13DA, 13ED, 30, 30AA, 30AC
<i>Alopecurus pratensis</i>	C	25.0	21BA, 21BC

Alliance 21BE Molinion**Intermittently wet *Molinia* meadows**

No. of relevés: 420

Diagnostic species (27)

<i>Succisa pratensis</i>	C	42.9	19AB, 21
<i>Galium boreale</i> ssp. <i>boreale</i>		36.3	21
<i>Molinia caerulea</i> agg.	C, Dm	33.8	
<i>Sanguisorba officinalis</i>	C	33.3	21, 21BA, 21BB, 21BBA
<i>Carex panicea</i>	C	25.6	19, 19AB, 21, 21BB, 21BBA
<i>Holcus lanatus</i>	C	25.4	21, 21AA, 21BA, 21BB, 21BBA
<i>Ranunculus acris</i>	C	24.6	21, 21AA, 21BB, 21BBA
<i>Potentilla erecta</i>	C	23.8	19, 21, 22, 22AB
<i>Scorzonera humilis</i>		23.2	
<i>Lychnis flos-cuculi</i>	C	23.2	21, 21BA, 21BB, 21BBA
<i>Centaurea jacea</i>	C	22.6	21, 21AA, 26BA
<i>Selinum carvifolia</i>		22.4	
<i>Luzula campestris</i> agg.	C	22.4	21, 21AA, 22, 22AB
<i>Festuca rubra</i> agg.	C, Dm	21.6	21, 21AA, 21BB, 21BBA, 22
<i>Ranunculus auricomus</i> agg.	C	21.4	21, 21BB, 21BBA
<i>Deschampsia cespitosa</i>	C	20.6	21, 21BB, 21BBA
<i>Briza media</i>	C	20.4	21, 22AB
<i>Rumex acetosa</i>	C	20.3	21, 21AA, 21BA, 21BB, 21BBA
<i>Anthoxanthum odoratum</i> agg.	C	20.1	21, 21AA, 21BB, 21BBA, 22
<i>Cirsium palustre</i>	C	19.9	21, 21BB, 21BBA
<i>Nardus stricta</i>		19.8	22, 22AA, 22AB, 22AD
<i>Carex pallescens</i>		19.3	21, 21BBA
<i>Lathyrus pratensis</i>	C	19.0	21, 21AA, 21BB, 21BBA
<i>Festuca pratensis</i>	C	19.0	21, 21AA, 21BB, 21BBA
<i>Betonica officinalis</i>		18.9	
<i>Climacium dendroides</i>		18.4	21, 21BB, 21BBA
<i>Avenula pubescens</i>		18.2	21, 21AA
Constant species (27)			
<i>Sanguisorba officinalis</i>	Dg	82.0	19AB, 21, 21BA, 21BB, 21BBA
<i>Ranunculus acris</i>	Dg	79.0	19, 19AA, 19AB, 19AF, 21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BB, 21BBA, 21BC, 22, 22AB, 22AD
<i>Festuca rubra</i> agg.	Dg, Dm	71.0	05, 05AA, 19AA, 19AF, 21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BA, 21BB, 21BBA, 22, 22AA, 22AB, 22AD
<i>Holcus lanatus</i>	Dg	70.0	19, 19AA, 19AB, 19AF, 21, 21AA, 21ACA, 21BA, 21BB, 21BBA, 22AB
<i>Deschampsia cespitosa</i>	Dg	69.0	06, 06AA, 06BC, 18AC, 21, 21AB, 21BA, 21BB, 21BBA, 22, 22AD, 28, 31, 31AA, 32AA, 32AAA, 32AAB, 32ADD, 41CD
<i>Rumex acetosa</i>	Dg	68.0	21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BB, 21BBA, 22, 22AB, 22AD
<i>Anthoxanthum odoratum</i> agg.	Dg	64.0	04, 04AB, 05, 05AA, 19, 19AF, 21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BBA, 22, 22AA, 22AB, 22AC, 22AD
<i>Potentilla erecta</i>	Dg	61.0	05, 05AA, 06, 06BA, 06BB, 06BC, 18AC, 19, 19AA, 19AB, 19AC, 19AD, 19AF, 19BC, 21ACB, 22, 22AA, 22AB, 22AC, 22AD, 22BA
<i>Lychnis flos-cuculi</i>	Dg	60.0	21, 21BA, 21BB, 21BBA, 21BC
<i>Molinia caerulea</i> agg.	Dg, Dm	59.0	01CA, 19AB, 35AD
<i>Succisa pratensis</i>	Dg	58.0	19AB, 19AF
<i>Luzula campestris</i> agg.	Dg	58.0	19AF, 21, 21AA, 21AB, 21ACB, 22, 22AA, 22AB, 22AC, 22AD, 26AEB
<i>Achillea millefolium</i> agg.		58.0	21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 22, 22AB, 22AD, 23, 24, 24AA, 25, 25AD, 26, 26AD, 26AE, 26AEA, 26AEB, 26AEC, 26BA,

			26BB, 27, 27AA, 27AB, 39AC, 40, 40AA, 40AB, 41CB, 42, 42AA, 44AC
<i>Carex panicea</i>	Dg	56.0	05, 05AA, 19, 19AA, 19AB, 19AC, 19AD, 19AF, 21BBA, 22AC
<i>Plantago lanceolata</i>		55.0	21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BC, 22, 22AB, 25, 25AD, 26AEB, 26BB, 40, 44AC
<i>Lathyrus pratensis</i>	Dg	55.0	21, 21AA, 21BA, 21BB, 21BBA, 21BBB, 21BC, 21BD
<i>Ranunculus auricomus</i> agg.	Dg	52.0	21, 21BA, 21BB, 21BBA, 21BC
<i>Poa pratensis</i> agg.		51.0	21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BBA, 21BC, 25AD, 26, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 29, 40, 42
<i>Cirsium palustre</i>	Dg	50.0	19, 19AA, 19AD, 19AF, 21, 21BB, 21BBA, 31
<i>Briza media</i>	Dg	50.0	19, 19AB, 19AF, 21, 21AC, 21ACB, 22, 22AB
<i>Festuca pratensis</i>	Dg	49.0	21, 21AA, 21AC, 21ACA, 21ACB, 21BA, 21BC
<i>Centaurea jacea</i>	Dg	49.0	21ACB, 21BC
<i>Alopecurus pratensis</i>		48.0	21, 21AA, 21AB, 21ACA, 21BA, 21BB, 21BBA, 21BBB, 21BC, 21BD
<i>Alchemilla vulgaris</i> agg.		45.0	21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BBA, 22AD
<i>Leucanthemum vulgare</i> agg.		44.0	21, 21AA, 21AB, 21AC, 21ACA, 21ACB
<i>Galium uliginosum</i>		44.0	19, 19AA, 19AF, 21, 21BB, 21BBA, 21BBB
<i>Cardamine pratensis</i> agg.		43.0	21, 21BA, 21BBA, 21BC
Dominant species (2)			
<i>Molinia caerulea</i> agg.	Dg, C	19.0	04, 04AA, 04AB, 06, 06BA, 18AC, 19AA, 19BC, 31BA, 35AD
<i>Festuca rubra</i> agg.	Dg, C	3.0	04AB, 21AA, 21AC, 21ACA, 22AD

Class 22 NARDO-CALLUNETEA

Nardus grasslands and heathlands

No. of relevés: 724

Diagnostic species (24)

<i>Nardus stricta</i>	C, Dm	46.5	21BE, 22AA, 22AB, 22AD
<i>Calluna vulgaris</i>	C, Dm	35.3	20, 20AB, 22BA, 35AA
<i>Carex pilulifera</i>	C	29.3	22AB, 22AD
<i>Potentilla erecta</i>	C	27.9	19, 21, 21BE, 22AB
<i>Avenella flexuosa</i>	C, Dm	26.5	32AE, 33, 33AA, 35, 35AB
<i>Agrostis capillaris</i>	C	26.5	21, 22AB
<i>Luzula campestris</i> agg.	C	24.6	21, 21AA, 21BE, 22AB
<i>Danthonia decumbens</i>		24.6	22AB
<i>Arnica montana</i>		23.9	
<i>Polygala vulgaris</i> agg.		23.5	22AB
<i>Hypericum maculatum</i>	C	23.4	21, 21AB, 22AD
<i>Potentilla aurea</i>		23.3	21AB, 22AA, 22AD
<i>Galium saxatile</i>		23.2	22AD
<i>Pleurozium schreberi</i>	C	22.2	35, 35AA
<i>Campanula rotundifolia</i> agg.	C	22.2	22AB
<i>Meum athamanticum</i>		21.3	
<i>Viola canina</i>		20.5	22AB
<i>Anthoxanthum odoratum</i> agg.	C	20.4	21, 21AA, 21BB, 21BBA, 21BE
<i>Campanula bohemica</i>		20.3	22AA, 22AD
<i>Vaccinium myrtillus</i>	C, Dm	20.1	32AE, 33, 33AA, 35, 35AA, 35AB
<i>Festuca rubra</i> agg.	C	19.1	21, 21AA, 21BB, 21BBA, 21BE
<i>Vaccinium vitis-idaea</i>		18.8	20, 20AB, 22BA, 35, 35AA, 35AB
<i>Veronica officinalis</i>		18.6	
<i>Antennaria dioica</i>		18.3	

Constant species (21)

<i>Nardus stricta</i>	Dg, Dm	61.0	04, 04AB, 05, 05AA, 22AA, 22AB, 22AC, 22AD
<i>Potentilla erecta</i>	Dg	56.0	05, 05AA, 06, 06BA, 06BB, 06BC, 18AC, 19, 19AA, 19AB, 19AC, 19AD, 19AF, 19BC,

			21ACB, 21BE, 22AA, 22AB, 22AC, 22AD, 22BA
<i>Agrostis capillaris</i>	Dg	56.0	21, 21AB, 21AC, 21ACA, 21ACB, 22AA, 22AB, 22AC, 22AD, 24, 25AD, 37, 37AA, 41CD
<i>Festuca rubra</i> agg.	Dg	53.0	05, 05AA, 19AA, 19AF, 21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BA, 21BB, 21BBA, 21BE, 22AA, 22AB, 22AD
<i>Anthoxanthum odoratum</i> agg.	Dg	52.0	04, 04AB, 05, 05AA, 19, 19AF, 21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BBA, 21BE, 22AA, 22AB, 22AC, 22AD
<i>Luzula campestris</i> agg.	Dg	50.0	19AF, 21, 21AA, 21AB, 21ACB, 21BE, 22AA, 22AB, 22AC, 22AD, 26AEB
<i>Avenella flexuosa</i>	Dg, Dm	50.0	03AA, 04, 04AA, 04AB, 06, 06BA, 06BB, 06BC, 22AA, 22AC, 22AD, 22BA, 22BC, 28, 32ADD, 32AE, 33, 33AA, 35, 35AA, 35AB, 35AC, 35BA, 37, 37AC
<i>Achillea millefolium</i> agg.		42.0	21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BE, 22AB, 22AD, 23, 24, 24AA, 25, 25AD, 26, 26AD, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 27AB, 39AC, 40, 40AA, 40AB, 41CB, 42, 42AA, 44AC
<i>Vaccinium myrtillus</i>	Dg, Dm	40.0	04, 04AA, 04AB, 05, 05AA, 06, 06BA, 06BB, 20, 20AA, 20AB, 22AA, 22AD, 22BA, 22BC, 28, 28AA, 32ADD, 32AE, 33, 33AA, 35, 35AA, 35AB, 35AC, 35AD, 35BA, 37, 37AC
<i>Calluna vulgaris</i>	Dg, Dm	40.0	01CA, 04, 04AA, 20, 20AA, 20AB, 22AC, 22BA, 22BB, 35AA
<i>Campanula rotundifolia</i> agg.	Dg	33.0	01AC, 01CA, 21AB, 22AB, 26AEB
<i>Hypericum maculatum</i>	Dg	32.0	21AB, 22AD
<i>Rumex acetosa</i>		31.0	21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BB, 21BBA, 21BE, 22AB, 22AD
<i>Deschampsia cespitosa</i>		31.0	06, 06AA, 06BC, 18AC, 21, 21AB, 21BA, 21BB, 21BBA, 21BE, 22AD, 28, 31, 31AA, 32AA, 32AAA, 32AAB, 32ADD, 41CD
<i>Ranunculus acris</i>		30.0	19, 19AA, 19AB, 19AF, 21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BB, 21BBA, 21BC, 21BE, 22AB, 22AD
<i>Plantago lanceolata</i>		29.0	21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BC, 21BE, 22AB, 25, 25AD, 26AEB, 26BB, 40, 44AC
<i>Briza media</i>		29.0	19, 19AB, 19AF, 21, 21AC, 21ACB, 21BE, 22AB
<i>Veronica chamaedrys</i> agg.		27.0	21, 21AA, 21AB, 21AC, 21ACA, 22AB, 32AB, 32BB, 32BC
<i>Carex pilulifera</i>	Dg	27.0	22AD
<i>Pleurozium schreberi</i>	Dg	26.0	22AA, 22BA, 34, 34AA, 35, 35AA
<i>Bistorta major</i>		26.0	04, 04AA, 04AB, 06, 06BA, 06BB, 06BC, 18AC, 21AB, 22AA, 22AD, 28
Dominant species (4)			
<i>Nardus stricta</i>	Dg, C	15.0	04, 04AB, 05, 05AA, 22AA, 22AB, 22AC, 22AD
<i>Calluna vulgaris</i>	Dg, C	8.0	04AA, 22AC, 22BA, 22BB
<i>Vaccinium myrtillus</i>	Dg, C	4.0	06BA, 20, 20AB, 22BA, 22BC, 33, 33AA, 35, 35AA, 35AC, 35AD
<i>Avenella flexuosa</i>	Dg, C	4.0	04, 04AA, 04AB, 06BA, 06BC, 22AB, 22AD, 22BC, 32AE, 35, 35AA, 35AB, 35AC, 37, 37AC

Alliance 22AA Nardion**Subalpine *Nardus* grasslands**

No. of relevés: 54

Diagnostic species (9)

<i>Hypochaeris uniflora</i>	26.7
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<i>Pseudorchis albida</i>		25.7	
<i>Potentilla aurea</i>	C	24.8	21AB, 22, 22AD
<i>Viola lutea</i> ssp. <i>sudetica</i>		24.0	22AD
<i>Hieracium alpinum</i>		22.9	04, 04AA, 04AB
<i>Nardus stricta</i>	C, Dm	21.4	21BE, 22, 22AB, 22AD
<i>Hieracium prenanthoides</i>		21.0	
<i>Campanula bohemica</i>		20.6	22, 22AD
<i>Rhinanthus pulcher</i>		19.4	
Constant species (13)			
<i>Nardus stricta</i>	Dg, Dm	100.0	04, 04AB, 05, 05AA, 22, 22AB, 22AC, 22AD
<i>Potentilla erecta</i>		81.0	05, 05AA, 06, 06BA, 06BB, 06BC, 18AC, 19, 19AA, 19AB, 19AC, 19AD, 19AF, 19BC, 21ACB, 21BE, 22, 22AB, 22AC, 22AD, 22BA
<i>Avenella flexuosa</i>		78.0	03AA, 04, 04AA, 04AB, 06, 06BA, 06BB, 06BC, 22, 22AC, 22AD, 22BA, 22BC, 28, 32ADD, 32AE, 33, 33AA, 35, 35AA, 35AB, 35AC, 35BA, 37, 37AC
<i>Anthoxanthum odoratum</i> agg.		74.0	04, 04AB, 05, 05AA, 19, 19AF, 21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BBA, 21BE, 22, 22AB, 22AC, 22AD
<i>Vaccinium myrtillus</i>		72.0	04, 04AA, 04AB, 05, 05AA, 06, 06BA, 06BB, 20, 20AA, 20AB, 22, 22AD, 22BA, 22BC, 28, 28AA, 32ADD, 32AE, 33, 33AA, 35, 35AA, 35AB, 35AC, 35AD, 35BA, 37, 37AC
<i>Festuca rubra</i> agg.		59.0	05, 05AA, 19AA, 19AF, 21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BA, 21BB, 21BBA, 21BE, 22, 22AB, 22AD
<i>Bistorta major</i>		59.0	04, 04AA, 04AB, 06, 06BA, 06BB, 06BC, 18AC, 21AB, 22, 22AD, 28
<i>Luzula campestris</i> agg.		57.0	19AF, 21, 21AA, 21AB, 21ACB, 21BE, 22, 22AB, 22AC, 22AD, 26AEB
<i>Agrostis capillaris</i>		56.0	21, 21AB, 21AC, 21ACA, 21ACB, 22, 22AB, 22AC, 22AD, 24, 25AD, 37, 37AA, 41CD
<i>Solidago virgaurea</i>		54.0	04, 04AB, 05, 05AA, 06BB, 28
<i>Homogyne alpina</i>		44.0	04, 04AB, 06BA, 35AC, 35BA
<i>Potentilla aurea</i>	Dg	41.0	22AD
<i>Pleurozium schreberi</i>		41.0	22, 22BA, 34, 34AA, 35, 35AA
Dominant species (1)			
<i>Nardus stricta</i>	Dg, C	52.0	04, 04AB, 05, 05AA, 22, 22AB, 22AC, 22AD

Alliance 22AB *Violion caninae*

Submontane and montane *Nardus* grasslands

No. of relevés: 216

Diagnostic species (14)

<i>Nardus stricta</i>	C, Dm	32.8	21BE, 22, 22AA, 22AD
<i>Polygala vulgaris</i> agg.	C	31.0	22
<i>Viola canina</i>		29.0	22
<i>Danthonia decumbens</i>		27.7	22
<i>Dianthus deltoides</i>		23.7	
<i>Pedicularis sylvatica</i>		22.4	
<i>Carex pilulifera</i>		22.0	22, 22AD
<i>Potentilla erecta</i>	C	21.1	19, 21, 21BE, 22
<i>Agrostis capillaris</i>	C	20.3	21, 22
<i>Luzula campestris</i> agg.	C	20.2	21, 21AA, 21BE, 22
<i>Briza media</i>	C	19.2	21, 21BE
<i>Festuca filiformis</i>		18.7	
<i>Campanula rotundifolia</i> agg.	C	18.6	22
<i>Galium pumilum</i> agg.		18.0	
Constant species (17)			
<i>Nardus stricta</i>	Dg, Dm	78.0	04, 04AB, 05, 05AA, 22, 22AA, 22AC, 22AD

<i>Agrostis capillaris</i>	Dg	75.0	21, 21AB, 21AC, 21ACA, 21ACB, 22, 22AA, 22AC, 22AD, 24, 25AD, 37, 37AA, 41CD
<i>Potentilla erecta</i>	Dg	74.0	05, 05AA, 06, 06BA, 06BB, 06BC, 18AC, 19, 19AA, 19AB, 19AC, 19AD, 19AF, 19BC, 21ACB, 21BE, 22, 22AA, 22AC, 22AD, 22BA
<i>Festuca rubra</i> agg.		71.0	05, 05AA, 19AA, 19AF, 21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BA, 21BB, 21BBA, 21BE, 22, 22AA, 22AD
<i>Luzula campestris</i> agg.	Dg	70.0	19AF, 21, 21AA, 21AB, 21ACB, 21BE, 22, 22AA, 22AC, 22AD, 26AEB
<i>Achillea millefolium</i> agg.		68.0	21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BE, 22, 22AD, 23, 24, 24AA, 25, 25AD, 26, 26AD, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 27AB, 39AC, 40, 40AA, 40AB, 41CB, 42, 42AA, 44AC
<i>Briza media</i>	Dg	64.0	19, 19AB, 19AF, 21, 21AC, 21ACB, 21BE, 22
<i>Anthoxanthum odoratum</i> agg.		64.0	04, 04AB, 05, 05AA, 19, 19AF, 21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BBA, 21BE, 22, 22AA, 22AC, 22AD
<i>Plantago lanceolata</i>		61.0	21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BC, 21BE, 22, 25, 25AD, 26AEB, 26BB, 40, 44AC
<i>Ranunculus acris</i>		50.0	19, 19AA, 19AB, 19AF, 21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BB, 21BBA, 21BC, 21BE, 22, 22AD
<i>Rumex acetosa</i>		49.0	21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BB, 21BBA, 21BE, 22, 22AD
<i>Campanula rotundifolia</i> agg.	Dg	48.0	01AC, 01CA, 21AB, 22, 26AEB
<i>Holcus lanatus</i>		47.0	19, 19AA, 19AB, 19AF, 21, 21AA, 21ACA, 21BA, 21BB, 21BBA, 21BE
<i>Veronica chamaedrys</i> agg.		46.0	21, 21AA, 21AB, 21AC, 21ACA, 22, 32AB, 32BB, 32BC
<i>Polygala vulgaris</i> agg.	Dg	44.0	21ACB
<i>Pimpinella saxifraga</i>		43.0	01CA, 21ACB, 25, 26, 26AD, 26AEB, 26BA, 26BB, 34, 34AA
<i>Festuca ovina</i>		43.0	01AC, 01BA, 22BB, 24, 25, 25AC, 26BB, 32BC, 33, 33AA, 34, 34AA
Dominant species (3)			
<i>Nardus stricta</i>	Dg, C	16.0	04, 04AB, 05, 05AA, 22, 22AA, 22AC, 22AD
<i>Pleurozium schreberi</i>		4.0	22BA, 34, 34AA, 35AA
<i>Avenella flexuosa</i>		3.0	04, 04AA, 04AB, 06BA, 06BC, 22, 22AD, 22BC, 32AE, 35, 35AA, 35AB, 35AC, 37, 37AC

Alliance 22AC *Nardo-Juncion squarrosi***Wet *Nardus* grasslands**

No. of relevés: 24

Diagnostic species (1)*Juncus squarrosus* C, Dm 62.2**Constant species (10)**

<i>Nardus stricta</i>	Dm	100.0	04, 04AB, 05, 05AA, 22, 22AA, 22AB, 22AD
<i>Juncus squarrosus</i>	Dg, Dm	92.0	
<i>Potentilla erecta</i>		75.0	05, 05AA, 06, 06BA, 06BB, 06BC, 18AC, 19, 19AA, 19AB, 19AC, 19AD, 19AF, 19BC, 21ACB, 21BE, 22, 22AA, 22AB, 22AD, 22BA
<i>Calluna vulgaris</i>	Dm	67.0	01CA, 04, 04AA, 20, 20AA, 20AB, 22, 22BA, 22BB, 35AA
<i>Luzula campestris</i> agg.		62.0	19AF, 21, 21AA, 21AB, 21ACB, 21BE, 22, 22AA, 22AB, 22AD, 26AEB
<i>Carex nigra</i>		62.0	05, 05AA, 19, 19AA, 19AB, 19AC, 19AD, 19AF, 19BA, 19BB, 19BC, 21, 21BB, 21BBA
<i>Avenella flexuosa</i>		58.0	03AA, 04, 04AA, 04AB, 06, 06BA, 06BB, 06BC,

			22, 22AA, 22AD, 22BA, 22BC, 28, 32ADD, 32AE, 33, 33AA, 35, 35AA, 35AB, 35AC, 35BA, 37, 37AC
<i>Agrostis capillaris</i>		54.0	21, 21AB, 21AC, 21ACA, 21ACB, 22, 22AA, 22AB, 22AD, 24, 25AD, 37, 37AA, 41CD
<i>Carex panicea</i>		50.0	05, 05AA, 19, 19AA, 19AB, 19AC, 19AD, 19AF, 21BBA, 21BE
<i>Anthoxanthum odoratum</i> agg.		50.0	04, 04AB, 05, 05AA, 19, 19AF, 21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BBA, 21BE, 22, 22AA, 22AB, 22AD
Dominant species (10)			
<i>Nardus stricta</i>	C	25.0	04, 04AB, 05, 05AA, 22, 22AA, 22AB, 22AD
<i>Juncus squarrosus</i>	Dg, C	17.0	
<i>Deschampsia cespitosa</i>		8.0	06, 06AA, 06BC, 21BA
<i>Sphagnum recurvum</i> agg.		4.0	19, 19AA, 19AC, 19BA, 19BB, 19BC, 19BD, 20, 20AB, 31BA, 35, 35AA, 35AB, 35AD
<i>Sphagnum papillosum</i>		4.0	20BA
<i>Sphagnum girgensohnii</i>		4.0	37AC
<i>Sphagnum cuspidatum</i>		4.0	19BB, 19BD, 20AA
<i>Sphagnum capillifolium</i> agg.		4.0	20, 20AA, 20AB
<i>Polytrichum formosum</i> agg.		4.0	35AB, 35BA
<i>Calluna vulgaris</i>	C	4.0	04AA, 22, 22BA, 22BB

Alliance 22AD *Nardo-Agrostion tenuis*

Montane *Nardus* grasslands with subalpine species

No. of relevés: 94

Diagnostic species (17)

<i>Potentilla aurea</i>	C	44.7	21AB, 22, 22AA
<i>Campanula bohemica</i>		41.1	22, 22AA
<i>Phleum rhaeticum</i>		30.0	21AB
<i>Hieracium iseranum</i>		28.3	
<i>Cardaminopsis halleri</i>		24.9	21AB
<i>Nardus stricta</i>	C, Dm	23.8	21BE, 22, 22AA, 22AB
<i>Silene vulgaris</i>	C	23.0	
<i>Crepis conyzifolia</i>		22.2	06BA
<i>Carex pilulifera</i>	C	21.3	22, 22AB
<i>Geranium sylvaticum</i>	C	21.2	21AB
<i>Galium saxatile</i>		20.9	22
<i>Hypericum maculatum</i>	C	20.5	21, 21AB, 22
<i>Poa chaixii</i>		18.9	
<i>Bistorta major</i>	C, Dm	18.8	21, 21AB, 21BB, 21BBA
<i>Phyteuma spicatum</i>	C	18.2	21AB
<i>Viola lutea</i> ssp. <i>sudetica</i>		18.1	22AA
<i>Silene dioica</i>		18.1	21AB

Constant species (21)

<i>Festuca rubra</i> agg.	Dm	95.0	05, 05AA, 19AA, 19AF, 21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BA, 21BB, 21BBA, 21BE, 22, 22AA, 22AB
<i>Nardus stricta</i>	Dg, Dm	85.0	04, 04AB, 05, 05AA, 22, 22AA, 22AB, 22AC
<i>Avenella flexuosa</i>	Dm	82.0	03AA, 04, 04AA, 04AB, 06, 06BA, 06BB, 06BC, 22, 22AA, 22AC, 22BA, 22BC, 28, 32ADD, 32AE, 33, 33AA, 35, 35AA, 35AB, 35AC, 35BA, 37, 37AC
<i>Anthoxanthum odoratum</i> agg.		82.0	04, 04AB, 05, 05AA, 19, 19AF, 21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BBA, 21BE, 22, 22AA, 22AB, 22AC
<i>Agrostis capillaris</i>		81.0	21, 21AB, 21AC, 21ACA, 21ACB, 22, 22AA, 22AB, 22AC, 24, 25AD, 37, 37AA, 41CD
<i>Bistorta major</i>	Dg, Dm	78.0	04, 04AA, 04AB, 06, 06BA, 06BB, 06BC, 18AC, 21AB, 22, 22AA, 28

<i>Luzula campestris</i> agg.		74.0	19AF, 21, 21AA, 21AB, 21ACB, 21BE, 22, 22AA, 22AB, 22AC, 26AEB
<i>Hypericum maculatum</i>	Dg	72.0	21AB, 22
<i>Silene vulgaris</i>	Dg	59.0	01AC, 06BB, 34
<i>Rumex acetosa</i>		59.0	21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BB, 21BBA, 21BE, 22, 22AB
<i>Potentilla erecta</i>		59.0	05, 05AA, 06, 06BA, 06BB, 06BC, 18AC, 19, 19AA, 19AB, 19AC, 19AD, 19AF, 19BC, 21ACB, 21BE, 22, 22AA, 22AB, 22AC, 22BA
<i>Achillea millefolium</i> agg.		59.0	21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BE, 22, 22AB, 23, 24, 24AA, 25, 25AD, 26, 26AD, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 27AB, 39AC, 40, 40AA, 40AB, 41CB, 42, 42AA, 44AC
<i>Potentilla aurea</i>	Dg	55.0	22AA
<i>Carex pilulifera</i>	Dg	53.0	22
<i>Ranunculus acris</i>		52.0	19, 19AA, 19AB, 19AF, 21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BB, 21BBA, 21BC, 21BE, 22, 22AB
<i>Alchemilla vulgaris</i> agg.		48.0	21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BBA, 21BE
<i>Vaccinium myrtillus</i>		47.0	04, 04AA, 04AB, 05, 05AA, 06, 06BA, 06BB, 20, 20AA, 20AB, 22, 22AA, 22BA, 22BC, 28, 28AA, 32ADD, 32AE, 33, 33AA, 35, 35AA, 35AB, 35AC, 35AD, 35BA, 37, 37AC
<i>Deschampsia cespitosa</i>		46.0	06, 06AA, 06BC, 18AC, 21, 21AB, 21BA, 21BB, 21BBA, 21BE, 22, 28, 31, 31AA, 32AA, 32AAA, 32AAB, 32ADD, 41CD
<i>Phyteuma spicatum</i>	Dg	44.0	21AB
<i>Veronica officinalis</i>		43.0	33
<i>Geranium sylvaticum</i>	Dg	43.0	21AB
Dominant species (4)			
<i>Nardus stricta</i>	Dg, C	24.0	04, 04AB, 05, 05AA, 22, 22AA, 22AB, 22AC
<i>Avenella flexuosa</i>	C	14.0	04, 04AA, 04AB, 06BA, 06BC, 22, 22AB, 22BC, 32AE, 35, 35AA, 35AB, 35AC, 37, 37AC
<i>Bistorta major</i>	Dg, C	9.0	06BC, 21BBA
<i>Festuca rubra</i> agg.	C	4.0	04AB, 21AA, 21AC, 21ACA, 21BE

Alliance 22BA *Genistion*

Submontane and montane heaths

No. of relevés: 76

Diagnostic species (7)

<i>Calluna vulgaris</i>	C, Dm	28.9	20, 20AB, 22, 35AA
<i>Cladonia gracilis</i> agg.		23.8	
<i>Cladonia arbuscula</i>		22.0	
<i>Ptilidium ciliare</i>		21.5	
<i>Cetraria islandica</i>		21.1	04, 04AA, 35AC
<i>Cladonia pleurota</i>		20.5	
<i>Vaccinium vitis-idaea</i>	C	19.2	20, 20AB, 22, 35, 35AA, 35AB

Constant species (6)

<i>Calluna vulgaris</i>	Dg, Dm	97.0	01CA, 04, 04AA, 20, 20AA, 20AB, 22, 22AC, 22BB, 35AA
<i>Vaccinium myrtillus</i>	Dm	67.0	04, 04AA, 04AB, 05, 05AA, 06, 06BA, 06BB, 20, 20AA, 20AB, 22, 22AA, 22AD, 22BC, 28, 28AA, 32ADD, 32AE, 33, 33AA, 35, 35AA, 35AB, 35AC, 35AD, 35BA, 37, 37AC
<i>Avenella flexuosa</i>		62.0	03AA, 04, 04AA, 04AB, 06, 06BA, 06BB, 06BC, 22, 22AA, 22AC, 22AD, 22BC, 28, 32ADD, 32AE, 33, 33AA, 35, 35AA, 35AB, 35AC, 35BA, 37, 37AC

<i>Vaccinium vitis-idaea</i>	Dg	55.0	01CA, 04, 20, 20AA, 20AB, 22BC, 35, 35AA, 35AC, 35AD
<i>Potentilla erecta</i>		41.0	05, 05AA, 06, 06BA, 06BB, 06BC, 18AC, 19, 19AA, 19AB, 19AC, 19AD, 19AF, 19BC, 21ACB, 21BE, 22, 22AA, 22AB, 22AC, 22AD, 22, 22AA, 34, 34AA, 35, 35AA
<i>Pleurozium schreberi</i>	Dm	41.0	
Dominant species (4)			
<i>Calluna vulgaris</i>	Dg, C	41.0	04AA, 22, 22AC, 22BB
<i>Vaccinium myrtillus</i>	C	5.0	06BA, 20, 20AB, 22, 22BC, 33, 33AA, 35, 35AA, 35AC, 35AD
<i>Pleurozium schreberi</i>	C	5.0	22AB, 34, 34AA, 35AA
<i>Vaccinium uliginosum</i>		4.0	20AA

Alliance 22BB *Euphorbio-Callunion*

Dry lowlands and colline heaths

No. of relevés: 46

Diagnostic species (5)

<i>Genista pilosa</i>	C	34.5	26AD, 32BC
<i>Agrostis vinealis</i>	C	29.7	25, 26BB
<i>Polytrichum piliferum</i>	C, Dm	22.0	25, 25AB, 25AC, 26AA, 26AAB
<i>Jasione montana</i>	C	19.4	25, 25AC, 25AD
<i>Cladonia foliacea</i>		19.2	25, 26AAB
Constant species (14)			
<i>Hieracium pilosella</i>		78.0	24, 25, 25AB, 25AC, 25AD, 26AAB, 26AEB, 26BB
<i>Festuca ovina</i>		78.0	01AC, 01BA, 22AB, 24, 25, 25AC, 26BB, 32BC, 33, 33AA, 34, 34AA
<i>Calluna vulgaris</i>	Dm	72.0	01CA, 04, 04AA, 20, 20AA, 20AB, 22, 22AC, 22BA, 35AA
<i>Polytrichum piliferum</i>	Dg, Dm	65.0	01BA, 25, 25AB, 26AAB
<i>Genista pilosa</i>	Dg	65.0	26AD, 34
<i>Agrostis vinealis</i>	Dg	63.0	
<i>Rumex acetosella</i>		57.0	01BA, 23, 23AA, 24, 24AA, 25, 25AA, 25AB, 25AC, 25AD, 26AEB
<i>Jasione montana</i>	Dg	50.0	25, 25AC, 25AD
<i>Ceratodon purpureus</i>		50.0	23, 25, 25AB, 25AD, 26AA, 26AAA, 26AAB, 26AEB
<i>Hypericum perforatum</i>		48.0	25, 25AC, 25AD, 26, 26AEB, 26BB, 27, 27AA, 27AB, 32BC, 37AB
<i>Dianthus carthusianorum</i> agg.		48.0	26, 26AAB, 26AD, 26AE, 26AEA, 26AEC, 26BB, 34
<i>Carex humilis</i>		46.0	26AAB, 26AD, 34, 34AA
<i>Thymus praecox</i>		43.0	26AAB, 26AB, 26ACA, 26ACB, 26AD, 34, 34AA
<i>Avenula pratensis</i>		41.0	26AD
Dominant species (2)			
<i>Calluna vulgaris</i>	C	17.0	04AA, 22, 22AC, 22BA
<i>Polytrichum piliferum</i>	Dg, C	4.0	25AB, 26AAB

Alliance 22BC *Vaccinion*

Vaccinium heaths

No. of relevés: 63

Diagnostic species (0)

Constant species (5)

<i>Vaccinium myrtillus</i>	Dm	79.0	04, 04AA, 04AB, 05, 05AA, 06, 06BA, 06BB, 20, 20AA, 20AB, 22, 22AA, 22AD, 22BA, 28, 28AA, 32ADD, 32AE, 33, 33AA, 35, 35AA, 35AB, 35AC, 35AD, 35BA, 37, 37AC
<i>Avenella flexuosa</i>	Dm	62.0	03AA, 04, 04AA, 04AB, 06, 06BA, 06BB, 06BC, 22, 22AA, 22AC, 22AD, 22BA, 28, 32ADD,

			32AE, 33, 33AA, 35, 35AA, 35AB, 35AC, 35BA, 37, 37AC
<i>Luzula luzuloides</i>		44.0	06, 06BA, 06BB, 06BC, 28, 28AA, 32AE, 33, 33AA, 37AB
<i>Calamagrostis arundinacea</i>	Dm	44.0	01AC, 06, 06BB, 28, 28AA, 32BB, 33, 37, 37AB
<i>Vaccinium vitis-idaea</i>	Dm	43.0	01CA, 04, 20, 20AA, 20AB, 22BA, 35, 35AA, 35AC, 35AD
Dominant species (4)			
<i>Vaccinium myrtillus</i>	C	43.0	06BA, 20, 20AB, 22, 22BA, 33, 33AA, 35, 35AA, 35AC, 35AD
<i>Calamagrostis arundinacea</i>	C	16.0	06, 06BB, 27AB, 32AE
<i>Vaccinium vitis-idaea</i>	C	10.0	
<i>Avenella flexuosa</i>	C	5.0	04, 04AA, 04AB, 06BA, 06BC, 22, 22AB, 22AD, 32AE, 35, 35AA, 35AB, 35AC, 37, 37AC

Class 23 KOELERIO-CORYNEPHORETEA and Alliance 23AA *Corynephorion canescentis*

Subatlantic open sand grasslands with *Corynephorus canescens*

No. of relevés: 48

Diagnostic species (5)

<i>Spergula morisonii</i>	C	62.3	
<i>Corynephorus canescens</i>	C, Dm	58.0	24, 24AA, 25, 25AC, 25AD
<i>Koeleria glauca</i>		32.1	24, 24AA
<i>Filago minima</i>		29.1	24, 24AA
<i>Plantago arenaria</i>		22.8	24, 24AA, 39CB

Constant species (3)

<i>Corynephorus canescens</i>	Dg, Dm	98.0	24, 24AA, 25AD
<i>Spergula morisonii</i>	Dg	58.0	
<i>Rumex acetosella</i>		48.0	01BA, 22BB, 24, 24AA, 25, 25AA, 25AB, 25AC, 25AD, 26AEB
(<i>Veronica dillenii</i>)		30.0	25AB
(<i>Achillea millefolium</i> agg.)		28.0	21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BE, 22, 22AB, 22AD, 24, 24AA, 25, 25AD, 26, 26AD, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 27AB, 39AC, 40, 40AA, 40AB, 41CB, 42, 42AA, 44AC
(<i>Koeleria glauca</i>)	Dg	26.0	24, 24AA
(<i>Ceratodon purpureus</i>)		26.0	22BB, 25, 25AB, 25AD, 26AA, 26AAA, 26AAB, 26AEB

Dominant species (1)

<i>Corynephorus canescens</i>	Dg, C	19.0	25AC, 25AD
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Class 24 FESTUCETEA VAGINATAE and Alliance 24AA *Koelerion glaucae*

Subcontinental open sand grasslands

No. of relevés: 24

Diagnostic species (9)

<i>Festuca psammophila</i>	C	59.5	
<i>Koeleria glauca</i>	C	48.9	23, 23AA
<i>Jurinea cyanooides</i>		45.2	
<i>Gypsophila fastigiata</i>		33.6	
<i>Corynephorus canescens</i>	C	31.4	23, 23AA, 25, 25AC, 25AD
<i>Dianthus arenarius</i> ssp. <i>bohemicus</i>		30.6	
<i>Filago minima</i>		20.6	23, 23AA,
<i>Plantago arenaria</i>		19.3	23, 23AA, 39CB
<i>Aira caryophyllea</i>		18.2	

Constant species (5)

<i>Corynephorus canescens</i>	Dg	75.0	23, 23AA, 25AD
<i>Koeleria glauca</i>	Dg	58.0	23,
<i>Festuca psammophila</i>	Dg	58.0	
<i>Achillea millefolium</i> agg.		54.0	21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BE, 22, 22AB, 22AD, 23, 25, 25AD, 26, 26AD, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 27AB, 39AC, 40, 40AA, 40AB, 41CB, 42, 42AA, 44AC
<i>Rumex acetosella</i>		50.0	01BA, 22BB, 23, 23AA, 25, 25AA, 25AB, 25AC, 25AD, 26AEB
<i>Hieracium pilosella</i>	Dm	38.0	22BB, 25, 25AB, 25AC, 25AD, 26AAB, 26AEB, 26BB
<i>Euphorbia cyparissias</i>		38.0	21ACB, 25, 25AC, 25AD, 26, 26AA, 26AAA, 26AAB, 26AB, 26AC, 26ACB, 26ACC, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 27AB, 29, 29AA, 32BA, 32BC, 34, 34AA
<i>Agrostis capillaris</i>		38.0	21, 21AB, 21AC, 21ACA, 21ACB, 22, 22AA, 22AB, 22AC, 22AD, 25AD, 37, 37AA, 41CD
<i>Thymus serpyllum</i>		33.0	25AD
<i>Jurinea cyanooides</i>	Dg	33.0	
<i>Festuca ovina</i>	Dm	33.0	01AC, 01BA, 22AB, 22BB, 25, 25AC, 26BB, 32BC, 33, 33AA, 34, 34AA
<i>Artemisia campestris</i> (<i>Gypsophila fastigiata</i>)	Dg	33.0 29.0	25AD, 26AA, 26AAA, 26AAB, 26AB, 26AEA
Dominant species (4)			
<i>Hieracium pilosella</i>		4.0	
<i>Festuca ovina</i>		4.0	25, 25AC, 25AD, 32BC, 34, 34AA
<i>Cladonia arbuscula</i>		4.0	
<i>Anthoxanthum odoratum</i> agg.		4.0	

Class 25 SEDO-SCLERANTHETEA**Open herbaceous vegetation of shallow soils**

No. of relevés: 323

Diagnostic species (25)

<i>Scleranthus perennis</i>	C	37.1	25AB, 25AC
<i>Jasione montana</i>	C	35.2	22BB, 25AC, 25AD
<i>Corynephorus canescens</i>		30.9	23, 23AA, 24, 24AA, 25AC, 25AD
<i>Rumex acetosella</i>	C	30.6	25AC, 25AD
<i>Polytrichum piliferum</i>	C	29.6	22BB, 25AB, 25AC, 26AA, 26AAB
<i>Erophila verna</i> agg.		27.1	25AB, 25BA
<i>Ceratodon purpureus</i>	C	27.1	26AA, 26AAA
<i>Coelocaulon aculeatum</i>		25.8	25AC
<i>Veronica verna</i>		24.8	25AB
<i>Armeria vulgaris</i> ssp. <i>vulgaris</i>		24.5	25AD
<i>Veronica dillenii</i>		24.3	25AB
<i>Hieracium pilosella</i>	C	24.1	25AC, 26, 26BB
<i>Potentilla argentea</i>	C	23.8	26, 26AE
<i>Trifolium arvense</i>	C	23.7	26, 26AE
<i>Thymus serpyllum</i>		23.4	25AD
<i>Sedum acre</i>		21.2	25BA, 26
<i>Festuca brevipila</i>		21.2	25AD
<i>Festuca vaginata</i> ssp. <i>dominii</i>		20.4	25AD
<i>Centaurea stoebe</i>	C	19.5	26, 26AA, 26AE, 26AEA
<i>Sedum sexangulare</i>		19.2	26
<i>Cladonia foliacea</i>		19.2	22BB, 26AAB
<i>Helichrysum arenarium</i>		18.8	25AD
<i>Poa bulbosa</i>		18.5	25AB, 26AAB
<i>Agrostis vinealis</i>		18.2	22BB, 26BB
<i>Myosotis stricta</i>		18.1	

Constant species (16)			
<i>Rumex acetosella</i>	Dg	55.0	01BA, 22BB, 23, 23AA, 24, 24AA, 25AA, 25AB, 25AC, 25AD, 26AEB
<i>Hieracium pilosella</i>	Dg	52.0	22BB, 24, 25AB, 25AC, 25AD, 26AAB, 26AEB, 26BB
<i>Euphorbia cyparissias</i>		46.0	21ACB, 24, 25AC, 25AD, 26, 26AA, 26AAA, 26AAB, 26AB, 26AC, 26ACB, 26ACC, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 27AB, 29, 29AA, 32BA, 32BC, 34, 34AA
<i>Hypericum perforatum</i>		45.0	22BB, 25AC, 25AD, 26, 26AEB, 26BB, 27, 27AA, 27AB, 32BC, 37AB
<i>Ceratodon purpureus</i>	Dg	44.0	22BB, 23, 25AB, 25AD, 26AA, 26AAA, 26AAB, 26AEB
<i>Achillea millefolium</i> agg.		41.0	21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BE, 22, 22AB, 22AD, 23, 24, 24AA, 25AD, 26, 26AD, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 27AB, 39AC, 40, 40AA, 40AB, 41CB, 42, 42AA, 44AC
<i>Festuca ovina</i>	Dm	38.0	01AC, 01BA, 22AB, 22BB, 24, 25AC, 26BB, 32BC, 33, 33AA, 34, 34AA
<i>Centaurea stoebe</i>	Dg	36.0	25BA, 26, 26AA, 26AAA, 26AAB, 26AB, 26ACC, 26AE, 26AEA
<i>Scleranthus perennis</i>	Dg	34.0	25AB, 25AC
<i>Polytrichum piliferum</i>	Dg	34.0	01BA, 22BB, 25AB, 26AAB
<i>Jasione montana</i>	Dg	34.0	22BB, 25AC, 25AD
<i>Potentilla argentea</i>	Dg	32.0	25AA, 25AD, 26AEB
<i>Plantago lanceolata</i>		31.0	21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BC, 21BE, 22, 22AB, 25AD, 26AEB, 26BB, 40, 44AC
<i>Trifolium arvense</i>	Dg	30.0	25AD, 26AEB, 39CB
<i>Thymus pulegioides</i>		27.0	21ACB, 25AC, 26AEB, 26BB
<i>Pimpinella saxifraga</i>		27.0	01CA, 21ACB, 22AB, 26, 26AD, 26AEB, 26BA, 26BB, 34, 34AA
Dominant species (1)			
<i>Festuca ovina</i>	C	5.0	24, 24AA, 25AC, 25AD, 32BC, 34, 34AA

Alliance 25AA *Thero-Airion*

Annual vegetation of sandy soils

No. of relevés: 5

Diagnostic species (1)

Vulpia myuros C, Dm 84.5

Constant species (5)

Vulpia myuros Dg, Dm 100.0
Potentilla argentea 80.0 25, 25AD, 26AEB
Bromus tectorum 80.0 39AC, 39CB
Rumex acetosella 60.0 01BA, 22BB, 23, 23AA, 24, 24AA, 25, 25AB, 25AC, 25AD, 26AEB
Poa compressa 60.0 02, 02AA, 40, 42

Dominant species (1)

Vulpia myuros Dg, C 40.0

Alliance 25AB *Arabidopsision thalianae*

Acidophilous vegetation of spring therophytes and succulents

No. of relevés: 36

Diagnostic species (7)

Gagea bohemica ssp. *bohemica* 40.9 26AAB
Veronica dillenii C 28.2 25
Erophila verna agg. C 23.6 25, 25BA

<i>Scleranthus perennis</i>	C	21.6	25, 25AC
<i>Poa bulbosa</i>		20.5	25, 26AAB
<i>Veronica verna</i>		19.7	25
<i>Polytrichum piliferum</i>	C, Dm	19.1	22BB, 25, 25AC, 26AA, 26AAB
Constant species (7)			
<i>Ceratodon purpureus</i>		78.0	22BB, 23, 25, 25AD, 26AA, 26AAA, 26AAB, 26AEB
<i>Polytrichum piliferum</i>	Dg, Dm	64.0	01BA, 22BB, 25, 26AAB
<i>Veronica dillenii</i>	Dg	61.0	23
<i>Scleranthus perennis</i>	Dg	58.0	25, 25AC
<i>Rumex acetosella</i>		56.0	01BA, 22BB, 23, 23AA, 24, 24AA, 25, 25AA, 25AC, 25AD, 26AEB
<i>Hieracium pilosella</i>		56.0	22BB, 24, 25, 25AC, 25AD, 26AAB, 26AEB, 26BB
<i>Erophila verna</i> agg.	Dg	56.0	
Dominant species (1)			
<i>Polytrichum piliferum</i>	Dg, C	14.0	22BB, 26AAB

Alliance 25AC *Hyperico perforati-Scleranthion perennis*

Submontane acidophilous grasslands on shallow soils

No. of relevés: 140

Diagnostic species (9)

<i>Jasione montana</i>	C	36.0	22BB, 25, 25AD
<i>Scleranthus perennis</i>	C	34.3	25, 25AB
<i>Coelocaulon aculeatum</i>		24.6	25
<i>Hieracium pilosella</i>	C	23.0	25, 26, 26BB
<i>Rumex acetosella</i>	C	21.4	25, 25AD
<i>Polytrichum piliferum</i>		21.0	22BB, 25, 25AB, 26AA, 26AAB
<i>Potentilla tabernaemontani</i>		20.7	26
<i>Corynephorus canescens</i>	Dm	19.8	23, 23AA, 24, 24AA, 25, 25AD
<i>Festuca ovina</i>	C, Dm	19.0	32BC, 33, 33AA

Constant species (8)

<i>Hieracium pilosella</i>	Dg	74.0	22BB, 24, 25, 25AB, 25AD, 26AAB, 26AEB, 26BB
<i>Festuca ovina</i>	Dg, Dm	62.0	01AC, 01BA, 22AB, 22BB, 24, 25, 26BB, 32BC, 33, 33AA, 34, 34AA
<i>Rumex acetosella</i>	Dg	59.0	01BA, 22BB, 23, 23AA, 24, 24AA, 25, 25AA, 25AB, 25AD, 26AEB
<i>Hypericum perforatum</i>		56.0	22BB, 25, 25AD, 26, 26AEB, 26BB, 27, 27AA, 27AB, 32BC, 37AB
<i>Jasione montana</i>	Dg	53.0	22BB, 25, 25AD
<i>Thymus pulegioides</i>		51.0	21ACB, 25, 26AEB, 26BB
<i>Euphorbia cyparissias</i>		49.0	21ACB, 24, 25, 25AD, 26, 26AA, 26AAA, 26AAB, 26AB, 26AC, 26ACB, 26ACC, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 27AB, 29, 29AA, 32BA, 32BC, 34, 34AA
<i>Scleranthus perennis</i>	Dg	47.0	25, 25AB

Dominant species (2)

<i>Festuca ovina</i>	Dg, C	5.0	24, 24AA, 25, 25AD, 32BC, 34, 34AA
<i>Corynephorus canescens</i>	Dg	4.0	23, 23AA, 25AD

Alliance 25AD *Plantagini-Festucion ovinae*

Sand grasslands with *Festuca* spp.

No. of relevés: 75

Diagnostic species (16)

<i>Armeria vulgaris</i> ssp. <i>vulgaris</i>	C	44.3	25
<i>Festuca vaginata</i> ssp. <i>dominii</i>	Dm	42.7	25
<i>Corynephorus canescens</i>	C, Dm	36.3	23, 23AA, 24, 24AA, 25, 25AC

<i>Thymus serpyllum</i>	C	33.4	25
<i>Cynodon dactylon</i>		31.5	
<i>Cladonia phyllophora</i>		29.3	
<i>Festuca brevipila</i>		25.4	25
<i>Erysimum diffusum</i>		25.1	
<i>Vicia lathyroides</i>		24.2	
<i>Helichrysum arenarium</i>		23.2	25
<i>Rumex acetosella</i>	C	23.0	25, 25AC
<i>Herniaria glabra</i>		22.6	
<i>Jasione montana</i>	C	22.4	22BB, 25, 25AC
<i>Carex supina</i>		22.0	26AEA
<i>Cerastium semidecandrum</i>		20.1	
<i>Cladonia pyxidata</i> agg.		20.0	
Constant species (16)			
<i>Rumex acetosella</i>	Dg	84.0	01BA, 22BB, 23, 23AA, 24, 24AA, 25, 25AA, 25AB, 25AC, 26AEB
<i>Achillea millefolium</i> agg.		71.0	21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BE, 22, 22AB, 22AD, 23, 24, 24AA, 25, 26, 26AD, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 27AB, 39AC, 40, 40AA, 40AB, 41CB, 42, 42AA, 44AC
<i>Euphorbia cyparissias</i>		68.0	21ACB, 24, 25, 25AC, 26, 26AA, 26AAA, 26AAB, 26AB, 26AC, 26ACB, 26ACC, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 27AB, 29, 29AA, 32BA, 32BC, 34, 34AA
<i>Hypericum perforatum</i>		63.0	22BB, 25, 25AC, 26, 26AEB, 26BB, 27, 27AA, 27AB, 32BC, 37AB
<i>Armeria vulgaris</i> ssp. <i>vulgaris</i>	Dg	55.0	
<i>Corynephorus canescens</i>	Dg, Dm	49.0	23, 23AA, 24, 24AA
<i>Ceratodon purpureus</i>		49.0	22BB, 23, 25, 25AB, 26AA, 26AAA, 26AAB, 26AEB
<i>Potentilla argentea</i>		47.0	25, 25AA, 26AEB
<i>Jasione montana</i>	Dg	45.0	22BB, 25, 25AC
<i>Hieracium pilosella</i>		45.0	22BB, 24, 25, 25AB, 25AC, 26AAB, 26AEB, 26BB
<i>Agrostis capillaris</i>		44.0	21, 21AB, 21AC, 21ACA, 21ACB, 22, 22AA, 22AB, 22AC, 22AD, 24, 37, 37AA, 41CD
<i>Trifolium arvense</i>		43.0	25, 26AEB, 39CB
<i>Poa pratensis</i> agg.		43.0	21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BBA, 21BC, 21BE, 26, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 29, 40, 42
<i>Plantago lanceolata</i>		43.0	21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BC, 21BE, 22, 22AB, 25, 26AEB, 26BB, 40, 44AC
<i>Thymus serpyllum</i>	Dg	41.0	24
<i>Artemisia campestris</i>		41.0	24, 26AA, 26AAA, 26AAB, 26AB, 26AEA
Dominant species (5)			
<i>Festuca ovina</i>		12.0	24, 24AA, 25, 25AC, 32BC, 34, 34AA
<i>Festuca rupicola</i>		8.0	26, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB
<i>Festuca valesiaca</i>		7.0	26AE, 26AEA, 26AEC
<i>Festuca vaginata</i> ssp. <i>dominii</i>	Dg	4.0	
<i>Corynephorus canescens</i>	Dg, C	4.0	23, 23AA, 25AC

Alliance 25BA *Alysso alyssoidis-Sedion albi*

Basiphilous vegetation of spring therophytes and succulents

No. of relevés: 58

Diagnostic species (9)

<i>Sedum album</i>	C, Dm	24.1	26, 26AA, 26AAA, 26AB, 26AC
<i>Arabis auriculata</i>		22.2	
<i>Tortula ruralis</i>		21.2	

<i>Sedum acre</i>	C	20.3	25, 26
<i>Holosteum umbellatum</i>		19.9	
<i>Minuartia fastigiata</i>		19.7	
<i>Medicago minima</i>		19.2	
<i>Alyssum alyssoides</i>		18.5	
<i>Erophila verna</i> agg.		18.4	25, 25AB
Constant species (6)			
<i>Sedum album</i>	Dg, Dm	66.0	03, 03BA, 26AA, 26AAA, 26AAB, 26AB, 26AC, 26ACA, 26ACB
<i>Arenaria serpyllifolia</i> agg.		59.0	26ACA, 26AEB, 44AC
<i>Sedum acre</i>	Dg	50.0	26ACA
<i>Echium vulgare</i>		50.0	26AAB, 26AEB, 40, 40AB
<i>Acinos arvensis</i>		50.0	26AB, 26ACA, 26ACB
<i>Centaurea stoebe</i>		48.0	25, 26, 26AA, 26AAA, 26AAB, 26AB, 26ACC, 26AE, 26AEA
Dominant species (2)			
<i>Sedum album</i>	Dg, C	9.0	
<i>Tortella inclinata</i>		3.0	

Class 26 *FESTUCO-BROMETEA*

Dry grasslands

No. of relevés: 2439

Diagnostic species (100)

<i>Euphorbia cyparissias</i>	C	60.3	26AE, 26AEA, 26BA
<i>Festuca rupicola</i>	C, Dm	57.8	26AE, 26AEA, 26BA
<i>Sanguisorba minor</i>	C	52.9	26BA
<i>Scabiosa ochroleuca</i>	C	52.6	26AE, 26AEA, 26BA
<i>Koeleria macrantha</i>	C	52.5	26AE, 26AEA, 26BB
<i>Potentilla arenaria</i>	C	52.0	26AA, 26AAB, 26AE, 26AEA
<i>Asperula cynanchica</i>	C	51.9	26AAB, 26AE, 26AEA, 26BA
<i>Dianthus carthusianorum</i> agg.	C	49.4	26AE, 26AEA, 26AEC, 26BB
<i>Brachypodium pinnatum</i>	C, Dm	45.4	26BA
<i>Eryngium campestre</i>	C	45.1	26AE, 26AEA, 26AEC, 26BA
<i>Centaurea scabiosa</i>	C	44.1	26AE, 26BA
<i>Centaurea stoebe</i>	C	43.3	25, 26AA, 26AE, 26AEA
<i>Festuca valesiaca</i>		42.3	26AE, 26AEA, 26AEC
<i>Salvia pratensis</i>	C	41.7	26AE, 26BA
<i>Carex humilis</i>		41.1	26AE, 26AEA, 26BA
<i>Thymus praecox</i>		39.9	26AE, 26AEA, 26BA
<i>Medicago falcata</i>		39.7	26AE, 26AEA, 26BA
<i>Pimpinella saxifraga</i>	C	38.5	21AA, 26BA, 26BB
<i>Artemisia campestris</i>		38.5	26AA, 26AAA, 26AE, 26AEA
<i>Plantago media</i>	C	38.4	21AA, 26BA
<i>Securigera varia</i>	C	37.7	26BA
<i>Galium verum</i> agg.	C	37.3	26BA
<i>Fragaria viridis</i>		36.4	26AE, 26BA
<i>Thymus pannonicus</i>		34.3	26AE, 26AEA, 26AEC
<i>Phleum phleoides</i>		34.2	26AE, 26AEA, 26BB
<i>Stipa capillata</i>		33.8	26AE, 26AEA
<i>Teucrium chamaedrys</i>		32.9	26AE, 26AEA
<i>Seseli osseum</i>		32.9	26AA, 26AAA, 26AAB, 26AC, 26ACB, 26ACC
<i>Bothriochloa ischaemum</i>		32.5	26AE, 26AEA
<i>Bupleurum falcatum</i>		32.1	26BA
<i>Seseli hippomarathrum</i>		32.0	26AE, 26AEA
<i>Stachys recta</i>		31.2	26AA, 26AE, 26AEA
<i>Cirsium acaule</i>		31.2	26BA
<i>Avenula pratensis</i>		31.0	26BB
<i>Bromus erectus</i>	Dm	30.7	26BA
<i>Hypericum perforatum</i>	C	30.6	
<i>Acinos arvensis</i>		30.4	26AA, 26AE

<i>Ononis spinosa</i>		29.6	26BA
<i>Scabiosa canescens</i>		29.4	26AE, 26BA
<i>Sedum album</i>		29.3	25BA, 26AA, 26AAA, 26AB, 26AC
<i>Achillea millefolium</i> agg.	C	29.3	21, 21AA, 26AE, 26BA
<i>Helianthemum grandiflorum</i> ssp. <i>obscurum</i>		29.2	26BA
<i>Festuca pallens</i>		29.2	26AA, 26AAA, 26AAB, 26AB, 26AC
<i>Potentilla heptaphylla</i>		28.8	26BA
<i>Echium vulgare</i>		28.8	26AE, 26AEA
<i>Silene otites</i>		28.5	26AE, 26AEA
<i>Pseudolysimachion spicatum</i>		28.4	26AAB, 26BB
<i>Knautia arvensis</i> agg.	C	28.0	21AA, 26BA
<i>Linum catharticum</i>		27.8	26BA
<i>Koeleria pyramidata</i>		27.6	26BA
<i>Pulsatilla pratensis</i> ssp. <i>bohemica</i>		27.1	26AA
<i>Hieracium pilosella</i>		27.0	25, 25AC, 26BB
<i>Carlina vulgaris</i>		26.8	26BA
<i>Aster linosyris</i>		26.7	26AE, 26AEA
<i>Galium glaucum</i>		26.4	26AA, 26AAA
<i>Allium senescens</i> ssp. <i>montanum</i>		25.7	26AA, 26AAA, 26AC
<i>Thymus pulegioides</i>		25.6	
<i>Agrimonia eupatoria</i>		25.5	26BA
<i>Verbascum lychnitis</i>		24.9	26AE
<i>Salvia verticillata</i>		24.9	26BA
<i>Elytrigia intermedia</i>		24.4	26AE, 26AEA
<i>Abietinella abietina</i>		24.3	26BA
<i>Astragalus austriacus</i>		24.0	26AE, 26AEA
<i>Anthyllis vulneraria</i>		24.0	26BA
<i>Stipa pennata</i>		23.8	26AE, 26AEA
<i>Trifolium montanum</i>		23.6	26BA
<i>Potentilla argentea</i>		23.4	25, 26AE
<i>Lotus corniculatus</i>	C	23.2	21AA, 26BA
<i>Sedum sexangulare</i>		23.1	25
<i>Veronica prostrata</i>		23.0	26AE, 26AEA
<i>Prunella grandiflora</i>		23.0	26BA
<i>Viola hirta</i>		22.8	26BA, 32BA
<i>Sedum acre</i>		22.8	25, 25BA
<i>Melica transsilvanica</i>		22.5	26AA, 26AAA
<i>Erysimum crepidifolium</i>		22.4	26AE, 26AEA
<i>Carlina acaulis</i>		22.4	26BA
<i>Arenaria serpyllifolia</i> agg.		22.2	26AE, 26AEA
<i>Potentilla tabernaemontani</i>		22.1	25AC
<i>Onobrychis viciifolia</i> agg.		21.5	26BA
<i>Sesleria caerulea</i>		21.2	26AC, 26ACB, 26ACC
<i>Filipendula vulgaris</i>		21.0	26BA
<i>Alyssum montanum</i>		20.7	26AAB
<i>Thymus glabrescens</i>		20.5	26AE, 26AEA
<i>Arrhenatherum elatius</i>	C	20.4	21, 21AA, 26BA
<i>Carex caryophyllea</i>		20.2	26BB
<i>Aster amellus</i>		20.2	26BA
<i>Rhynchium rugosum</i>		19.7	
<i>Thesium linophyllum</i>		19.6	26BA
<i>Astragalus onobrychis</i>		19.6	26AE
<i>Salvia nemorosa</i>		19.4	26AE, 26AEA
<i>Trifolium arvense</i>		19.2	25, 26AE
<i>Linum tenuifolium</i>		19.2	26BA
<i>Campanula glomerata</i>		19.2	26BA
<i>Anthericum liliago</i>		19.2	
<i>Inula ensifolia</i>		18.9	
<i>Falcaria vulgaris</i>		18.9	
<i>Anthericum ramosum</i>		18.9	26AC, 32BC
<i>Aurinia saxatilis</i> ssp. <i>arduini</i>		18.6	26AA, 26AAA

<i>Jovibarba globifera</i> ssp. <i>globifera</i>		18.3	26AA, 26AAA, 26AAB
<i>Polygala comosa</i>		18.2	26BA
Constant species (23)			
<i>Euphorbia cyparissias</i>	Dg	64.0	21ACB, 24, 25, 25AC, 25AD, 26AA, 26AAA, 26AAB, 26AB, 26AC, 26ACB, 26ACC, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 27AB, 29, 29AA, 32BA, 32BC, 34, 34AA
<i>Achillea millefolium</i> agg.	Dg	57.0	21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BE, 22, 22AB, 22AD, 23, 24, 24AA, 25, 25AD, 26AD, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 27AB, 39AC, 40, 40AA, 40AB, 41CB, 42, 42AA, 44AC
<i>Festuca rupicola</i>	Dg, Dm	50.0	26AD, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA
<i>Sanguisorba minor</i>	Dg	40.0	26AC, 26ACA, 26ACB, 26ACC, 26AEB, 26BA
<i>Pimpinella saxifraga</i>	Dg	39.0	01CA, 21ACB, 22AB, 25, 26AD, 26AEB, 26BA, 26BB, 34, 34AA
<i>Brachypodium pinnatum</i>	Dg, Dm	38.0	21ACB, 26BA, 27, 27AA, 32BA, 32BB
<i>Koeleria macrantha</i>	Dg	37.0	26AAB, 26AB, 26AD, 26AE, 26AEA, 26AEC, 26BB
<i>Galium verum</i> agg.	Dg	36.0	21ACB, 26AEC, 26BA, 26BB, 27, 34
<i>Asperula cynanchica</i>	Dg	36.0	26AAB, 26AB, 26AC, 26ACC
<i>Potentilla arenaria</i>	Dg	35.0	26AA, 26AAB, 26AB, 26AC, 26ACA, 26ACB, 26AD, 26AE, 26AEA
<i>Poa pratensis</i> agg.		35.0	21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BBA, 21BC, 21BE, 25AD, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 29, 40, 42
<i>Dianthus carthusianorum</i> agg.	Dg	35.0	22BB, 26AAB, 26AD, 26AE, 26AEA, 26AEC, 26BB, 34
<i>Scabiosa ochroleuca</i>	Dg	34.0	26BA
<i>Hypericum perforatum</i>	Dg	33.0	22BB, 25, 25AC, 25AD, 26AEB, 26BB, 27, 27AA, 27AB, 32BC, 37AB
<i>Plantago media</i>	Dg	31.0	21ACB, 26AD, 26AEB, 26BA
<i>Securigera varia</i>	Dg	30.0	26AEB, 26BA, 27, 27AA, 27AB, 32BA
<i>Centaurea stoebe</i>	Dg	29.0	25, 25BA, 26AA, 26AAA, 26AAB, 26AB, 26ACC, 26AE, 26AEA
<i>Salvia pratensis</i>	Dg	28.0	26BA, 27, 27AA
<i>Knautia arvensis</i> agg.	Dg	28.0	01CA, 21AA, 21ACB, 26AEB, 26BA, 27, 27AB
<i>Centaurea scabiosa</i>	Dg	28.0	26AEB, 26BA, 27, 27AA, 34
<i>Lotus corniculatus</i>	Dg	27.0	21AA, 21AC, 21ACB, 26AEB, 26BA
<i>Eryngium campestre</i>	Dg	27.0	26AE, 26AEA, 26AEC
<i>Arrhenatherum elatius</i>	Dg	27.0	21AA, 26BB, 27
Dominant species (3)			
<i>Brachypodium pinnatum</i>	Dg, C	6.0	21ACB, 26BA, 32BB, 32BC, 34, 34AA
<i>Festuca rupicola</i>	Dg, C	4.0	25AD, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB
<i>Bromus erectus</i>	Dg	4.0	26BA

Alliance 26AA *Alyso-Festucion pallentis*

Acidophilous rock-outcrop vegetation with *Festuca pallens*

No. of relevés: 250

Diagnostic species (21)

<i>Festuca pallens</i>	C	53.9	26, 26AAA, 26AAB, 26AB, 26AC
<i>Aurinia saxatilis</i> ssp. <i>arduini</i>		47.7	26, 26AAA
<i>Jovibarba globifera</i> ssp. <i>globifera</i>		42.2	26, 26AAA, 26AAB
<i>Sedum album</i>	C	40.0	25BA, 26, 26AAA, 26AB, 26AC
<i>Allium senescens</i> ssp. <i>montanum</i>	C	39.9	26, 26AAA, 26AC
<i>Seseli osseum</i>	C	34.7	26, 26AAA, 26AAB, 26AC, 26ACB, 26ACC
<i>Asplenium septentrionale</i>		34.4	01BA, 26AAA

<i>Artemisia campestris</i>	C	28.4	26, 26AAA, 26AE, 26AEA
<i>Melica transsilvanica</i>		26.5	26, 26AAA
<i>Hieracium echioides</i>		24.1	26AAB
<i>Ceratodon purpureus</i>	C	23.6	25, 26AAA
<i>Centaurea stoebe</i>	C	23.4	25, 26, 26AE, 26AEA
<i>Hieracium schmidtii</i>		23.1	26AAA
<i>Parmelia somloensis</i>		22.5	26AAB
<i>Galium glaucum</i>		22.4	26, 26AAA
<i>Acinos arvensis</i>		21.8	26, 26AE
<i>Potentilla arenaria</i>	C	21.2	26, 26AAB, 26AE, 26AEA
<i>Sedum reflexum</i>		21.1	
<i>Polytrichum piliferum</i>		20.7	22BB, 25, 25AB, 25AC, 26AAB
<i>Stachys recta</i>		20.2	26, 26AE, 26AEA
<i>Pulsatilla pratensis</i> ssp. <i>bohemica</i>		19.5	26
Constant species (9)			
<i>Festuca pallens</i>	Dg	75.0	26AAA, 26AAB, 26AB, 26AC, 26ACA, 26ACB
<i>Euphorbia cyparissias</i>		60.0	21ACB, 24, 25, 25AC, 25AD, 26, 26AAA, 26AAB, 26AB, 26AC, 26ACB, 26ACC, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 27AB, 29, 29AA, 32BA, 32BC, 34, 34AA
<i>Sedum album</i>	Dg	52.0	03, 03BA, 25BA, 26AAA, 26AAB, 26AB, 26AC, 26ACA, 26ACB
<i>Seseli osseum</i>	Dg	49.0	26AAA, 26AAB, 26AB, 26AC, 26ACA, 26ACB, 26ACC
<i>Centaurea stoebe</i>	Dg	48.0	25, 25BA, 26, 26AAA, 26AAB, 26AB, 26ACC, 26AE, 26AEA
<i>Artemisia campestris</i>	Dg	48.0	24, 25AD, 26AAA, 26AAB, 26AB, 26AEA
<i>Potentilla arenaria</i>	Dg	46.0	26, 26AAB, 26AB, 26AC, 26ACA, 26ACB, 26AD, 26AE, 26AEA
<i>Allium senescens</i> ssp. <i>montanum</i>	Dg	45.0	26AAA, 26ACB
<i>Ceratodon purpureus</i>	Dg	43.0	22BB, 23, 25, 25AB, 25AD, 26AAA, 26AAB, 26AEB

Dominant species (0)**Suballiance 26AAA *Alyso-Festucenion pallentis*****Acidophilous vegetation of steep rock outcrops with *Festuca pallens***

No. of relevés: 155

Diagnostic species (13)

<i>Aurinia saxatilis</i> ssp. <i>arduini</i>	C	50.9	26, 26AA
<i>Festuca pallens</i>	C	40.2	26, 26AA, 26AAB, 26AB, 26AC
<i>Asplenium septentrionale</i>		35.2	01BA, 26AA
<i>Allium senescens</i> ssp. <i>montanum</i>	C	35.0	26, 26AA, 26AC
<i>Sedum album</i>	C	34.9	25BA, 26, 26AA, 26AB, 26AC
<i>Jovibarba globifera</i> ssp. <i>globifera</i>		32.4	26, 26AA, 26AAB
<i>Seseli osseum</i>	C	24.7	26, 26AA, 26AAB, 26AC, 26ACB, 26ACC
<i>Hieracium schmidtii</i>		23.7	26AA
<i>Melica transsilvanica</i>		22.7	26, 26AA
<i>Artemisia campestris</i>	C	21.5	26, 26AA, 26AE, 26AEA
<i>Galium glaucum</i>		21.1	26, 26AA
<i>Hieracium cymosum</i>		18.6	
<i>Ceratodon purpureus</i>	C	18.5	25, 26AA
Constant species (9)			
<i>Festuca pallens</i>	Dg	72.0	26AA, 26AAB, 26AB, 26AC, 26ACA, 26ACB
<i>Euphorbia cyparissias</i>		61.0	21ACB, 24, 25, 25AC, 25AD, 26, 26AA, 26AAB, 26AB, 26AC, 26ACB, 26ACC, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 27AB, 29, 29AA, 32BA, 32BC, 34, 34AA
<i>Sedum album</i>	Dg	58.0	03, 03BA, 25BA, 26AA, 26AAB, 26AB, 26AC,

			26ACA, 26ACB
<i>Aurinia saxatilis</i> ssp. <i>arduini</i>	Dg	54.0	
<i>Allium senescens</i> ssp. <i>montanum</i>	Dg	50.0	26AA, 26ACB
<i>Artemisia campestris</i>	Dg	46.0	24, 25AD, 26AA, 26AAB, 26AB, 26AEA
<i>Seseli osseum</i>	Dg	45.0	26AA, 26AAB, 26AB, 26AC, 26ACA, 26ACB, 26ACC
<i>Centaurea stoebe</i>		45.0	25, 25BA, 26, 26AA, 26AAB, 26AB, 26ACC, 26AE, 26AEA
<i>Ceratodon purpureus</i>	Dg	43.0	22BB, 23, 25, 25AB, 25AD, 26AA, 26AAB, 26AEB

Dominant species (0)**Suballiance 26AAB *Potentilla arenariae-Festucenion pallentis*****Acidophilous vegetation of gently sloping rock outcrops with *Festuca pallens***

No. of relevés: 65

Diagnostic species (18)

<i>Hieracium echinoides</i>		31.9	26AA
<i>Festuca pallens</i>	C, Dm	28.6	26, 26AA, 26AAA, 26AB, 26AC
<i>Seseli osseum</i>	C	22.4	26, 26AA, 26AAA, 26AC, 26ACB, 26ACC
<i>Polytrichum piliferum</i>	C, Dm	22.1	22BB, 25, 25AB, 25AC, 26AA
<i>Cladonia rangiformis</i>	C	22.1	
<i>Oxymitria incrassata</i>		21.5	
<i>Potentilla arenaria</i>	C	21.2	26, 26AA, 26AE, 26AEA
<i>Jovibarba globifera</i> ssp. <i>globifera</i>		20.9	26, 26AA, 26AAA
<i>Parmelia somloensis</i>		20.7	26AA
<i>Alyssum montanum</i>		20.7	26
<i>Minuartia setacea</i>		20.6	26AC, 26ACA, 26ACB
<i>Pseudolysimachion spicatum</i>	C	20.1	26, 26BB
<i>Cladonia foliacea</i>		19.7	22BB, 25
<i>Poa bulbosa</i>		19.5	25, 25AB
<i>Asperula cynanchica</i>	C	19.5	26, 26AE, 26AEA, 26BA
<i>Allium strictum</i>		19.3	
<i>Gagea bohemica</i> ssp. <i>bohemica</i>		18.6	25AB
<i>Dianthus moravicus</i>		18.6	

Constant species (18)

<i>Potentilla arenaria</i>	Dg	86.0	26, 26AA, 26AB, 26AC, 26ACA, 26ACB, 26AD, 26AE, 26AEA
<i>Asperula cynanchica</i>	Dg	80.0	26, 26AB, 26AC, 26ACC
<i>Festuca pallens</i>	Dg, Dm	78.0	26AA, 26AAA, 26AB, 26AC, 26ACA, 26ACB
<i>Koeleria macrantha</i>		71.0	26, 26AB, 26AD, 26AE, 26AEA, 26AEC, 26BB
<i>Ceratodon purpureus</i>		63.0	22BB, 23, 25, 25AB, 25AD, 26AA, 26AAA, 26AEB
<i>Seseli osseum</i>	Dg	62.0	26AA, 26AAA, 26AB, 26AC, 26ACA, 26ACB, 26ACC
<i>Centaurea stoebe</i>		62.0	25, 25BA, 26, 26AA, 26AAA, 26AB, 26ACC, 26AE, 26AEA
<i>Dianthus carthusianorum</i> agg.		60.0	22BB, 26, 26AD, 26AE, 26AEA, 26AEC, 26BB, 34
<i>Thymus praecox</i>		58.0	22BB, 26AB, 26ACA, 26ACB, 26AD, 34, 34AA
<i>Artemisia campestris</i>		57.0	24, 25AD, 26AA, 26AAA, 26AB, 26AEA
<i>Polytrichum piliferum</i>	Dg, Dm	55.0	01BA, 22BB, 25, 25AB
<i>Euphorbia cyparissias</i>		52.0	21ACB, 24, 25, 25AC, 25AD, 26, 26AA, 26AAA, 26AB, 26AC, 26ACB, 26ACC, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 27AB, 29, 29AA, 32BA, 32BC, 34, 34AA
<i>Pseudolysimachion spicatum</i>	Dg	46.0	26AD
<i>Cladonia rangiformis</i>	Dg	46.0	
<i>Hieracium pilosella</i>		45.0	22BB, 24, 25, 25AB, 25AC, 25AD, 26AEB, 26BB
<i>Sedum album</i>		43.0	03, 03BA, 25BA, 26AA, 26AAA, 26AB, 26AC, 26ACA, 26ACB

<i>Carex humilis</i>		43.0	22BB, 26AD, 34, 34AA
<i>Echium vulgare</i>		42.0	25BA, 26AEB, 40, 40AB
Dominant species (2)			
<i>Festuca pallens</i>	Dg, C	5.0	01BA, 26AB, 26ACA
<i>Polytrichum piliferum</i>	Dg, C	3.0	22BB, 25AB

Alliance 26AB *Helianthemo cani-Festucion pallentis*

Basiphilous rock-outcrop vegetation with *Festuca pallens*

No. of relevés: 53

Diagnostic species (3)

<i>Helianthemum canum</i>		29.6	26AC, 26ACC
<i>Festuca pallens</i>	C, Dm	23.5	26, 26AA, 26AAA, 26AAB, 26AC
<i>Sedum album</i>	C	19.2	25BA, 26, 26AA, 26AAA, 26AC

Constant species (11)

<i>Festuca pallens</i>	Dg, Dm	72.0	26AA, 26AAA, 26AAB, 26AC, 26ACA, 26ACB
<i>Euphorbia cyparissias</i>		64.0	21ACB, 24, 25, 25AC, 25AD, 26, 26AA, 26AAA, 26AAB, 26AC, 26ACB, 26ACC, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 27AB, 29, 29AA, 32BA, 32BC, 34, 34AA
<i>Potentilla arenaria</i>		60.0	26, 26AA, 26AAB, 26AC, 26ACA, 26ACB, 26AD, 26AE, 26AEA
<i>Centaurea stoebe</i>		57.0	25, 25BA, 26, 26AA, 26AAA, 26AAB, 26ACC, 26AE, 26AEA
<i>Sedum album</i>	Dg	55.0	03, 03BA, 25BA, 26AA, 26AAA, 26AAB, 26AC, 26ACA, 26ACB
<i>Thymus praecox</i>		51.0	22BB, 26AAB, 26ACA, 26ACB, 26AD, 34, 34AA
<i>Koeleria macrantha</i>		49.0	26, 26AAB, 26AD, 26AE, 26AEA, 26AEC, 26BB
<i>Seseli osseum</i>		47.0	26AA, 26AAA, 26AAB, 26AC, 26ACA, 26ACB, 26ACC
<i>Artemisia campestris</i>		47.0	24, 25AD, 26AA, 26AAA, 26AAB, 26AEA
<i>Asperula cynanchica</i>		42.0	26, 26AAB, 26AC, 26ACC
<i>Acinos arvensis</i>		42.0	25BA, 26ACA, 26ACB
Dominant species (1)			
<i>Festuca pallens</i>	Dg, C	9.0	01BA, 26AAB, 26ACA

Alliance 26AC *Seslerio-Festucion pallentis*

Basiphilous rock-outcrop vegetation with perialpine and dealpine species

No. of relevés: 117

Diagnostic species (17)

<i>Sesleria caerulea</i>	C, Dm	61.8	26, 26ACB, 26ACC
<i>Seseli osseum</i>	C	34.4	26, 26AA, 26AAA, 26AAB, 26ACB, 26ACC
<i>Saxifraga paniculata</i>		34.3	26ACB, 26ACC
<i>Ditrichum flexicaule</i>		33.6	26ACB
<i>Tortella tortuosa</i>		29.6	26ACB, 26ACC
<i>Jovibarba globifera</i> ssp. <i>hirta</i>		29.0	26ACA, 26ACB
<i>Asplenium ruta-muraria</i>		27.5	01, 01AA, 01AB, 26ACC
<i>Poa badensis</i>		26.8	26ACA
<i>Helianthemum canum</i>		25.3	26AB, 26ACC
<i>Sedum album</i>	C	24.8	25BA, 26, 26AA, 26AAA, 26AB
<i>Allium senescens</i> ssp. <i>montanum</i>		24.1	26, 26AA, 26AAA
<i>Minuartia setacea</i>		23.0	26AAB, 26ACA, 26ACB
<i>Festuca pallens</i>	C	21.7	26, 26AA, 26AAA, 26AAB, 26AB
<i>Cotoneaster integerrimus</i>		20.6	26ACC
<i>Centaurea triumfettii</i> ssp. <i>axillaris</i>		18.8	26ACC
<i>Dianthus lumnitzeri</i>		18.4	26ACB
<i>Anthericum ramosum</i>		18.4	26, 32BC

Constant species (8)

<i>Sesleria caerulea</i>	Dg, Dm	84.0	26ACB, 26ACC, 34
<i>Seseli osseum</i>	Dg	70.0	26AA, 26AAA, 26AAB, 26AB, 26ACA, 26ACB,

			26ACC
<i>Euphorbia cyparissias</i>		61.0	21ACB, 24, 25, 25AC, 25AD, 26, 26AA, 26AAA, 26AAB, 26AB, 26ACB, 26ACC, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 27AB, 29, 29AA, 32BA, 32BC, 34, 34AA
<i>Potentilla arenaria</i>		54.0	26, 26AA, 26AAB, 26AB, 26AC, 26ACA, 26ACB, 26AD, 26AE, 26AEA
<i>Sanguisorba minor</i>		50.0	26, 26ACA, 26ACB, 26ACC, 26AEB, 26BA
<i>Sedum album</i>	Dg	48.0	03, 03BA, 25BA, 26AA, 26AAA, 26AAB, 26AB, 26ACA, 26ACB
<i>Festuca pallens</i>	Dg	45.0	26AA, 26AAA, 26AAB, 26AB, 26ACA, 26ACB
<i>Asperula cynanchica</i>		42.0	26, 26AAB, 26AB, 26ACC
Dominant species (1)			
<i>Sesleria caerulea</i>	Dg, C	24.0	26ACB, 26ACC, 26AD, 34, 34AA

Suballiance 26ACA *Poo badensis*-*Teucrienion montani*

Basiphilous rock-outcrop vegetation with *Festuca pallens* and perialpine species

No. of relevés: 11

Diagnostic species (8)

<i>Jovibarba globifera</i> ssp. <i>hirta</i>	C	51.2	26AC, 26ACB
<i>Poa badensis</i>	C	50.3	26AC
<i>Iris humilis</i> ssp. <i>arenaria</i>		24.6	
<i>Encalypta vulgaris</i>		24.6	
<i>Melica ciliata</i>	C	24.5	
<i>Minuartia setacea</i>	C	21.0	26AAB, 26AC, 26ACB
<i>Pleurochaete squarrosa</i>		20.1	
<i>Tortella inclinata</i>		18.4	

Constant species (16)

<i>Festuca pallens</i>	Dm	91.0	26AA, 26AAA, 26AAB, 26AB, 26AC, 26ACB
<i>Sedum album</i>		73.0	03, 03BA, 25BA, 26AA, 26AAA, 26AAB, 26AB, 26AC, 26ACB
<i>Potentilla arenaria</i>		73.0	26, 26AA, 26AAB, 26AB, 26AC, 26ACB, 26AD, 26AE, 26AEA
<i>Poa badensis</i>	Dg	73.0	
<i>Melica ciliata</i>	Dg	64.0	
<i>Jovibarba globifera</i> ssp. <i>hirta</i>	Dg	64.0	
<i>Tortula ruralis</i>		55.0	
<i>Sanguisorba minor</i>		55.0	26, 26AC, 26ACB, 26ACC, 26AEB, 26BA
<i>Arenaria serpyllifolia</i> agg.		55.0	25BA, 26AEB, 44AC
<i>Alyssum montanum</i>		55.0	
<i>Allium flavum</i>		55.0	
<i>Acinos arvensis</i>		55.0	25BA, 26AB, 26ACB
<i>Thymus praecox</i>		45.0	22BB, 26AAB, 26AB, 26ACB, 26AD, 34, 34AA
<i>Seseli osseum</i>		45.0	26AA, 26AAA, 26AAB, 26AB, 26AC, 26ACB, 26ACC
<i>Sedum acre</i>		45.0	25BA
<i>Minuartia setacea</i>	Dg	45.0	26ACB
Dominant species (1)			
<i>Festuca pallens</i>	C	9.0	01BA, 26AAB, 26AB

Suballiance 26ACB *Seslerio-Festucenion pallentis*

Sesleria grasslands in the Pannonian floristic province

No. of relevés: 22

Diagnostic species (14)

<i>Ditrichum flexicaule</i>	C	44.5	26AC
<i>Dianthus lumitzeri</i>		42.6	26AC
<i>Cardaminopsis petraea</i>		36.9	
<i>Sesleria caerulea</i>	C, Dm	30.5	26, 26AC, 26ACC
<i>Arenaria grandiflora</i>		30.1	

<i>Hypnum vaucheri</i>		28.6	
<i>Minuartia setacea</i>	C	26.8	26AAB, 26AC, 26ACA
<i>Jovibarba globifera</i> ssp. <i>hirta</i>		25.8	26AC, 26ACA
<i>Teucrium montanum</i>		23.6	
<i>Tortella tortuosa</i>	C	22.8	26AC, 26ACC
<i>Saxifraga paniculata</i>		20.8	26AC, 26ACC
<i>Tephrosieris integrifolia</i>		20.6	
<i>Seseli osseum</i>	C	19.5	26, 26AA, 26AAA, 26AAB, 26AC, 26ACC
<i>Erysimum odoratum</i>		19.4	
Constant species (17)			
<i>Sesleria caerulea</i>	Dg, Dm	95.0	26AC, 26ACC, 34
<i>Seseli osseum</i>	Dg	91.0	26AA, 26AAA, 26AAB, 26AB, 26AC, 26ACA, 26ACC
<i>Sedum album</i>		68.0	03, 03BA, 25BA, 26AA, 26AAA, 26AAB, 26AB, 26AC, 26ACA
<i>Festuca pallens</i>		68.0	26AA, 26AAA, 26AAB, 26AB, 26AC, 26ACA
<i>Potentilla arenaria</i>		64.0	26, 26AA, 26AAB, 26AB, 26AC, 26ACA, 26AD, 26AE, 26AEA
<i>Ditrichum flexicaule</i>	Dg	55.0	
<i>Thymus praecox</i>		50.0	22BB, 26AAB, 26AB, 26ACA, 26AD, 34, 34AA
<i>Sanguisorba minor</i>		50.0	26, 26AC, 26ACA, 26ACC, 26AEB, 26BA
<i>Acinos arvensis</i>		50.0	25BA, 26AB, 26ACA
<i>Tortella tortuosa</i>	Dg	45.0	
<i>Hypnum cupressiforme</i> agg.	Dm	45.0	01, 01AC, 32BC, 33, 34, 34AA
<i>Euphorbia cyparissias</i>		45.0	21ACB, 24, 25, 25AC, 25AD, 26, 26AA, 26AAA, 26AAB, 26AB, 26AC, 26ACC, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 27AB, 29, 29AA, 32BA, 32BC, 34, 34AA
<i>Allium senescens</i> ssp. <i>montanum</i>		45.0	26AA, 26AAA
<i>Vincetoxicum hirundinaria</i>		41.0	26ACC, 27, 27AA, 32BA, 32BB, 32BC
<i>Minuartia setacea</i>	Dg	41.0	26ACA
<i>Bupleurum falcatum</i>		41.0	27, 27AA, 32BA, 34
<i>Anthericum ramosum</i>		41.0	26ACC, 34
Dominant species (3)			
<i>Sesleria caerulea</i>	Dg, C	27.0	26AC, 26ACC, 26AD, 34, 34AA
<i>Inula ensifolia</i>		5.0	
<i>Hypnum cupressiforme</i> agg.	C	5.0	

Suballiance 26ACC *Cynancho vincetoxici-Seslerienion calcariae*

Sesleria grasslands outside the Pannonian floristic province

No. of relevés: 52

Diagnostic species (9)

<i>Sesleria caerulea</i>	C, Dm	47.3	26, 26AC, 26ACB
<i>Cotoneaster integerrimus</i>	C	24.8	26AC
<i>Saxifraga paniculata</i>		24.4	26AC, 26ACB
<i>Seseli osseum</i>	C	23.9	26, 26AA, 26AAA, 26AAB, 26AC, 26ACB
<i>Tortella tortuosa</i>		23.7	26AC, 26ACB
<i>Helianthemum canum</i>		21.5	26AB, 26AC
<i>Asplenium ruta-muraria</i>		18.9	01, 01AA, 01AB, 26AC
<i>Centaurea triumfettii</i> ssp. <i>axillaris</i>		18.5	26AC
<i>Sorbus aria</i> agg.		18.1	

Constant species (10)

<i>Sesleria caerulea</i>	Dg, Dm	96.0	26AC, 26ACB, 34
<i>Seseli osseum</i>	Dg	73.0	26AA, 26AAA, 26AAB, 26AB, 26AC, 26ACA, 26ACB
<i>Euphorbia cyparissias</i>		73.0	21ACB, 24, 25, 25AC, 25AD, 26, 26AA, 26AAA, 26AAB, 26AB, 26AC, 26ACB, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 27AB, 29, 29AA, 32BA, 32BC, 34, 34AA

<i>Sanguisorba minor</i>		48.0	26, 26AC, 26ACA, 26ACB, 26AEB, 26BA
<i>Cotoneaster integerrimus</i>	Dg	44.0	
<i>Anthericum ramosum</i>		44.0	26ACB, 34
<i>Vincetoxicum hirundinaria</i>		42.0	26ACB, 27, 27AA, 32BA, 32BB, 32BC
<i>Galium glaucum</i>		42.0	
<i>Centaurea stoebe</i>		42.0	25, 25BA, 26, 26AA, 26AAA, 26AAB, 26AB, 26AE, 26AEA
<i>Asperula cynanchica</i>		42.0	26, 26AAB, 26AB, 26AC
Dominant species (1)			
<i>Sesleria caerulea</i>	Dg, C	31.0	26AC, 26ACB, 26AD, 34, 34AA

Alliance 26AD *Asplenio cuneifolii*-*Armerion serpentini*

Dry grasslands on serpentine

No. of relevés: 11

Diagnostic species (3)

<i>Festuca pseudovina</i>	C	41.3	
<i>Armeria vulgaris</i> ssp. <i>serpentini</i>	C	36.5	34, 34AA
<i>Genista pilosa</i>	C	23.6	22BB, 32BC

Constant species (17)

<i>Thymus praecox</i>		91.0	22BB, 26AAB, 26AB, 26ACA, 26ACB, 34, 34AA
<i>Potentilla arenaria</i>		91.0	26, 26AA, 26AAB, 26AB, 26AC, 26ACA, 26ACB, 26AE, 26AEA
<i>Genista pilosa</i>	Dg	91.0	22BB, 34
<i>Dianthus carthusianorum</i> agg.		91.0	22BB, 26, 26AAB, 26AE, 26AEA, 26AEC, 26BB, 34
<i>Festuca pseudovina</i>	Dg	73.0	
<i>Plantago media</i>		64.0	21ACB, 26, 26AEB, 26BA
<i>Pimpinella saxifraga</i>		64.0	01CA, 21ACB, 22AB, 25, 26, 26AEB, 26BA, 26BB, 34, 34AA
<i>Avenula pratensis</i>		64.0	22BB
<i>Festuca rupicola</i>		55.0	26, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA
<i>Carex humilis</i>		55.0	22BB, 26AAB, 34, 34AA
<i>Aster linosyris</i>		55.0	
<i>Achillea millefolium</i> agg.		55.0	21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BE, 22, 22AB, 22AD, 23, 24, 24AA, 25, 25AD, 26, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 27AB, 39AC, 40, 40AA, 40AB, 41CB, 42, 42AA, 44AC
<i>Seseli hippomarathrum</i>		45.0	
<i>Pseudolysimachion spicatum</i>		45.0	26AAB
<i>Phleum phleoides</i>		45.0	26AEB, 26BB, 34
<i>Koeleria macrantha</i>		45.0	26, 26AAB, 26AB, 26AE, 26AEA, 26AEC, 26BB
<i>Armeria vulgaris</i> ssp. <i>serpentini</i>	Dg	45.0	34
Dominant species (3)			
<i>Sesleria caerulea</i>		27.0	26AC, 26ACB, 26ACC, 34, 34AA
<i>Rhynchospora rugosum</i>		9.0	
<i>Hylocomium splendens</i>		9.0	

Alliance 26AE *Festucion valesiaca*

Narrow-leaved dry grasslands

No. of relevés: 678

Diagnostic species (47)

<i>Festuca valesiaca</i>	C, Dm	60.3	26, 26AEA, 26AEC
<i>Koeleria macrantha</i>	C	49.7	26, 26AEA, 26BB
<i>Stipa capillata</i>	Dm	44.4	26, 26AEA
<i>Potentilla arenaria</i>	C	42.7	26, 26AA, 26AAB, 26AEA
<i>Eryngium campestre</i>	C	41.0	26, 26AEA, 26AEC, 26BA
<i>Thymus pannonicus</i>		40.1	26, 26AEA, 26AEC

<i>Dianthus carthusianorum</i> agg.	C	35.7	26, 26AEA, 26AEC, 26BB
<i>Centaurea stoebe</i>	C	35.4	25, 26, 26AA, 26AEA
<i>Bothriochloa ischaemum</i>		35.3	26, 26AEA
<i>Artemisia campestris</i>		34.5	26, 26AA, 26AAA, 26AEA
<i>Silene otites</i>		33.5	26, 26AEA
<i>Seseli hippomarathrum</i>		33.4	26, 26AEA
<i>Festuca rupicola</i>	C, Dm	33.2	26, 26AEA, 26BA
<i>Euphorbia cyparissias</i>	C	32.7	26, 26AEA, 26BA
<i>Asperula cynanchica</i>		29.5	26, 26AAB, 26AEA, 26BA
<i>Carex humilis</i>		28.9	26, 26AEA, 26BA
<i>Elytrigia intermedia</i>		28.7	26, 26AEA
<i>Aster linosyris</i>		28.3	26, 26AEA
<i>Veronica prostrata</i>		27.5	26, 26AEA
<i>Teucrium chamaedrys</i>		27.4	26, 26AEA
<i>Scabiosa ochroleuca</i>		27.2	26, 26AEA, 26BA
<i>Medicago falcata</i>		26.6	26, 26AEA, 26BA
<i>Thymus glabrescens</i>		26.2	26, 26AEA
<i>Stipa pennata</i>		25.4	26, 26AEA
<i>Astragalus austriacus</i>		25.0	26, 26AEA
<i>Erysimum crepidifolium</i>		24.8	26, 26AEA
<i>Astragalus onobrychis</i>		23.7	26
<i>Salvia nemorosa</i>		23.0	26, 26AEA
<i>Astragalus exscapus</i>		22.3	26AEA
<i>Arenaria serpyllifolia</i> agg.		21.9	26, 26AEA
<i>Thymus praecox</i>		21.4	26, 26AEA, 26BA
<i>Phleum phleoides</i>		21.4	26, 26AEA, 26BB
<i>Echium vulgare</i>		21.3	26, 26AEA
<i>Stachys recta</i>		21.2	26, 26AA, 26AEA
<i>Adonis vernalis</i>		20.7	
<i>Scabiosa canescens</i>		20.2	26, 26BA
<i>Trifolium arvense</i>		20.0	25, 26
<i>Salvia pratensis</i>		20.0	26, 26BA
<i>Potentilla argentea</i>		19.9	25, 26
<i>Acinos arvensis</i>		19.8	26, 26AA
<i>Achillea millefolium</i> agg.	C	19.6	21, 21AA, 26, 26BA
<i>Stipa pulcherrima</i>		19.1	
<i>Dorycnium pentaphyllum</i> agg.		19.1	
<i>Centaurea scabiosa</i>		19.1	26, 26BA
<i>Verbascum lychnitis</i>		19.0	26
<i>Jurinea mollis</i>		19.0	
<i>Fragaria viridis</i>		18.5	26, 26BA
Constant species (9)			
<i>Euphorbia cyparissias</i>	Dg	68.0	21ACB, 24, 25, 25AC, 25AD, 26, 26AA, 26AAA, 26AAB, 26AB, 26AC, 26ACB, 26ACC, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 27AB, 29, 29AA, 32BA, 32BC, 34, 34AA
<i>Achillea millefolium</i> agg.	Dg	68.0	21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BE, 22, 22AB, 22AD, 23, 24, 24AA, 25, 25AD, 26, 26AD, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 27AB, 39AC, 40, 40AA, 40AB, 41CB, 42, 42AA, 44AC
<i>Koeleria macrantha</i>	Dg	65.0	26, 26AAB, 26AB, 26AD, 26AEA, 26AEC, 26BB
<i>Festuca valesiaca</i>	Dg, Dm	59.0	26AEA, 26AEC
<i>Festuca rupicola</i>	Dg, Dm	56.0	26, 26AD, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA
<i>Potentilla arenaria</i>	Dg	55.0	26, 26AA, 26AAB, 26AB, 26AC, 26ACA, 26ACB, 26AD, 26AEA
<i>Dianthus carthusianorum</i> agg.	Dg	48.0	22BB, 26, 26AAB, 26AD, 26AEA, 26AEC, 26BB, 34
<i>Eryngium campestre</i>	Dg	46.0	26, 26AEA, 26AEC

<i>Centaurea stoebe</i>	Dg	44.0	25, 25BA, 26, 26AA, 26AAA, 26AAB, 26AB, 26ACC, 26AEA
Dominant species (3)			
<i>Festuca valesiaca</i>	Dg, C	6.0	25AD, 26AEA, 26AEC
<i>Festuca rupicola</i>	Dg, C	6.0	25AD, 26, 26AEA, 26AEB, 26AEC, 26BA, 26BB
<i>Stipa capillata</i>	Dg	5.0	26AEA

Suballiance 26AEA *Festucenion valesiaca*

Narrow-leaved continental dry grasslands

No. of relevés: 364

Diagnostic species (34)

<i>Festuca valesiaca</i>	C, Dm	46.5	26, 26AE, 26AEC
<i>Stipa capillata</i>	C, Dm	40.8	26, 26AE
<i>Koeleria macrantha</i>	C	38.0	26, 26AE, 26BB
<i>Potentilla arenaria</i>	C	34.0	26, 26AA, 26AAB, 26AE
<i>Centaurea stoebe</i>	C	32.1	25, 26, 26AA, 26AE
<i>Artemisia campestris</i>	C	30.8	26, 26AA, 26AAA, 26AE
<i>Bothriochloa ischaemum</i>		30.6	26, 26AE
<i>Eryngium campestre</i>	C	30.0	26, 26AE, 26AEC, 26BA
<i>Seseli hippomarathrum</i>		28.2	26, 26AE
<i>Silene otites</i>		27.6	26, 26AE
<i>Dianthus carthusianorum</i> agg.	C	27.3	26, 26AE, 26AEC, 26BB
<i>Thymus pannonicus</i>		25.5	26, 26AE, 26AEC
<i>Stipa pennata</i>		24.4	26, 26AE
<i>Astragalus austriacus</i>		24.4	26, 26AE
<i>Elytrigia intermedia</i>		24.1	26, 26AE
<i>Euphorbia cyparissias</i>	C	23.9	26, 26AE, 26BA
<i>Erysimum crepidifolium</i>		23.8	26, 26AE
<i>Carex humilis</i>		23.5	26, 26AE, 26BA
<i>Astragalus exscapus</i>		22.3	26AE
<i>Salvia nemorosa</i>		22.0	26, 26AE
<i>Aster linosyris</i>		22.0	26, 26AE
<i>Teucrium chamaedrys</i>		21.2	26, 26AE
<i>Asperula cynanchica</i>		21.1	26, 26AAB, 26AE, 26BA
<i>Thymus glabrescens</i>		20.8	26, 26AE
<i>Carex supina</i>		20.6	25AD
<i>Scabiosa ochroleuca</i>		20.4	26, 26AE, 26BA
<i>Phleum phleoides</i>		20.2	26, 26AE, 26BB
<i>Festuca rupicola</i>	C, Dm	20.2	26, 26AE, 26BA
<i>Thymus praecox</i>		19.6	26, 26AE, 26BA
<i>Medicago falcata</i>		18.8	26, 26AE, 26BA
<i>Stachys recta</i>		18.7	26, 26AA, 26AE
<i>Arenaria serpyllifolia</i> agg.		18.3	26, 26AE
<i>Echium vulgare</i>		18.2	26, 26AE
<i>Veronica prostrata</i>		18.1	26, 26AE
Constant species (11)			
<i>Euphorbia cyparissias</i>	Dg	69.0	21ACB, 24, 25, 25AC, 25AD, 26, 26AA, 26AAA, 26AAB, 26AB, 26AC, 26ACB, 26ACC, 26AE, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 27AB, 29, 29AA, 32BA, 32BC, 34, 34AA
<i>Koeleria macrantha</i>	Dg	68.0	26, 26AAB, 26AB, 26AD, 26AE, 26AEC, 26BB
<i>Achillea millefolium</i> agg.		66.0	21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BE, 22, 22AB, 22AD, 23, 24, 24AA, 25, 25AD, 26, 26AD, 26AE, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 27AB, 39AC, 40, 40AA, 40AB, 41CB, 42, 42AA, 44AC
<i>Festuca valesiaca</i>	Dg, Dm	62.0	26AE, 26AEC
<i>Potentilla arenaria</i>	Dg	59.0	26, 26AA, 26AAB, 26AB, 26AC, 26ACA, 26ACB, 26AD, 26AE
<i>Centaurea stoebe</i>	Dg	54.0	25, 25BA, 26, 26AA, 26AAA, 26AAB, 26AB,

			26ACC, 26AE
<i>Dianthus carthusianorum</i> agg.	Dg	50.0	22BB, 26, 26AAB, 26AD, 26AE, 26AEC, 26BB, 34
<i>Festuca rupicola</i>	Dg, Dm	48.0	26, 26AD, 26AE, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA
<i>Eryngium campestre</i>	Dg	46.0	26, 26AE, 26AEC
<i>Artemisia campestris</i>	Dg	43.0	24, 25AD, 26AA, 26AAA, 26AAB, 26AB
<i>Stipa capillata</i>	Dg, Dm	41.0	
Dominant species (3)			
<i>Stipa capillata</i>	Dg, C	8.0	26AE
<i>Festuca valesiaca</i>	Dg, C	4.0	25AD, 26AE, 26AEC
<i>Festuca rupicola</i>	Dg, C	4.0	25AD, 26, 26AE, 26AEB, 26AEC, 26BA, 26BB

Suballiance 26AEB *Coronillo variaie-Festucenion rupicolae*

Narrow-leaved dry grasslands at higher altitudes of north-western Bohemia

No. of relevés: 23

Diagnostic species (1)

Anthemis tinctoria 19.4

Constant species (34)

<i>Festuca rupicola</i>	Dm	100.0	26, 26AD, 26AE, 26AEA, 26AEC, 26BA, 26BB, 27, 27AA
<i>Euphorbia cyparissias</i>		96.0	21ACB, 24, 25, 25AC, 25AD, 26, 26AA, 26AAA, 26AAB, 26AB, 26AC, 26ACB, 26ACC, 26AE, 26AEA, 26AEC, 26BA, 26BB, 27, 27AA, 27AB, 29, 29AA, 32BA, 32BC, 34, 34AA
<i>Securigera varia</i>		87.0	26, 26BA, 27, 27AA, 27AB, 32BA
<i>Knautia arvensis</i> agg.		87.0	01CA, 21AA, 21ACB, 26, 26BA, 27, 27AB
<i>Hypericum perforatum</i>		87.0	22BB, 25, 25AC, 25AD, 26, 26BB, 27, 27AA, 27AB, 32BC, 37AB
<i>Achillea millefolium</i> agg.		87.0	21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BE, 22, 22AB, 22AD, 23, 24, 24AA, 25, 25AD, 26, 26AD, 26AE, 26AEA, 26AEC, 26BA, 26BB, 27, 27AA, 27AB, 39AC, 40, 40AA, 40AB, 41CB, 42, 42AA, 44AC
<i>Thymus pulegioides</i>		83.0	21ACB, 25, 25AC, 26BB
<i>Hieracium pilosella</i>		83.0	22BB, 24, 25, 25AB, 25AC, 25AD, 26AAB, 26BB
<i>Trifolium arvense</i>		74.0	25, 25AD, 39CB
<i>Sanguisorba minor</i>		74.0	26, 26AC, 26ACA, 26ACB, 26ACC, 26BA
<i>Centaurea scabiosa</i>		74.0	26, 26BA, 27, 27AA, 34
<i>Potentilla argentea</i>		70.0	25, 25AA, 25AD
<i>Poa pratensis</i> agg.		70.0	21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BBA, 21BC, 21BE, 25AD, 26, 26AEC, 26BA, 26BB, 27, 27AA, 29, 40, 42
<i>Plantago lanceolata</i>		70.0	21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BC, 21BE, 22, 22AB, 25, 25AD, 26BB, 40, 44AC
<i>Lotus corniculatus</i>		70.0	21AA, 21AC, 21ACB, 26, 26BA
<i>Cerastium arvense</i>		70.0	
<i>Potentilla tabernaemontani</i>		65.0	
<i>Pimpinella saxifraga</i>		65.0	01CA, 21ACB, 22AB, 25, 26, 26AD, 26BA, 26BB, 34, 34AA
<i>Galium mollugo</i> agg.		65.0	21, 21AA, 27, 27AB
<i>Ceratodon purpureus</i>		65.0	22BB, 23, 25, 25AB, 25AD, 26AA, 26AAA, 26AAB
<i>Fragaria viridis</i>		61.0	27, 27AA
<i>Vicia hirsuta</i>		57.0	44AB
<i>Dianthus deltooides</i>		57.0	
<i>Trifolium alpestre</i>		52.0	
<i>Rumex acetosella</i>		52.0	01BA, 22BB, 23, 23AA, 24, 24AA, 25, 25AA, 25AB, 25AC, 25AD
<i>Myosotis stricta</i>		52.0	

<i>Koeleria pyramidata</i>		52.0	
<i>Echium vulgare</i>		52.0	25BA, 26AAB, 40, 40AB
<i>Arenaria serpyllifolia</i> agg.		52.0	25BA, 26ACA, 44AC
<i>Plantago media</i>		48.0	21ACB, 26, 26AD, 26BA
<i>Luzula campestris</i> agg.		48.0	19AF, 21, 21AA, 21AB, 21ACB, 21BE, 22, 22AA, 22AB, 22AC, 22AD
<i>Potentilla heptaphylla</i>		43.0	
<i>Phleum phleoides</i>		43.0	26AD, 26BB, 34
<i>Campanula rotundifolia</i> agg.		43.0	01AC, 01CA, 21AB, 22, 22AB
Dominant species (1)			
<i>Festuca rupicola</i>	C	4.0	25AD, 26, 26AE, 26AEA, 26AEC, 26BA, 26BB

Suballiance 26AEC *Astragalo austriaci-Achilleenion setaceae*

Disturbed narrow-leaved dry grasslands

No. of relevés: 107

Diagnostic species (6)

<i>Thymus pannonicus</i>	C	29.1	26, 26AE, 26AEA
<i>Festuca valesiaca</i>	C, Dm	24.8	26, 26AE, 26AEA
<i>Eryngium campestre</i>	C	20.9	26, 26AE, 26AEA, 26BA
<i>Artemisia pontica</i>	Dm	20.8	
<i>Scorzonera cana</i>		19.9	
<i>Dianthus carthusianorum</i> agg.	C	18.1	26, 26AE, 26AEA, 26BB

Constant species (11)

<i>Achillea millefolium</i> agg.		82.0	21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BE, 22, 22AB, 22AD, 23, 24, 24AA, 25, 25AD, 26, 26AD, 26AE, 26AEA, 26AEB, 26BA, 26BB, 27, 27AA, 27AB, 39AC, 40, 40AA, 40AB, 41CB, 42, 42AA, 44AC
<i>Festuca rupicola</i>	Dm	73.0	26, 26AD, 26AE, 26AEA, 26AEB, 26BA, 26BB, 27, 27AA
<i>Euphorbia cyparissias</i>		66.0	21ACB, 24, 25, 25AC, 25AD, 26, 26AA, 26AAA, 26AAB, 26AB, 26AC, 26ACB, 26ACC, 26AE, 26AEA, 26AEB, 26BA, 26BB, 27, 27AA, 27AB, 29, 29AA, 32BA, 32BC, 34, 34AA
<i>Festuca valesiaca</i>	Dg, Dm	62.0	26AE, 26AEA
<i>Dianthus carthusianorum</i> agg.	Dg	61.0	22BB, 26, 26AAB, 26AD, 26AE, 26AEA, 26BB, 34
<i>Eryngium campestre</i>	Dg	59.0	26, 26AE, 26AEA
<i>Poa pratensis</i> agg.	Dm	58.0	21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BBA, 21BC, 21BE, 25AD, 26, 26AEB, 26BA, 26BB, 27, 27AA, 29, 40, 42
<i>Koeleria macrantha</i>		58.0	26, 26AAB, 26AB, 26AD, 26AE, 26AEA, 26BB
<i>Thymus pannonicus</i>	Dg	55.0	
<i>Galium verum</i> agg.		50.0	21ACB, 26, 26BA, 26BB, 27, 34
<i>Elytrigia repens</i>	Dm	41.0	39, 39AD, 39BA, 39BB, 39BC, 39CA, 40, 40AA, 41, 41CB, 41CC, 42, 42AA, 44, 44AA, 44AB, 44AC, 44BA

Dominant species (6)

<i>Festuca rupicola</i>	C	20.0	25AD, 26, 26AE, 26AEA, 26AEB, 26BA, 26BB
<i>Festuca valesiaca</i>	Dg, C	10.0	25AD, 26AE, 26AEA
<i>Poa pratensis</i> agg.	C	6.0	
<i>Fragaria viridis</i>		4.0	
<i>Elytrigia repens</i>	C	4.0	41CB, 42, 42AA
<i>Artemisia pontica</i>	Dg	4.0	

Alliance 26BA *Bromion erecti***Broad-leaved dry grasslands**

No. of relevés: 776

Diagnostic species (60)

<i>Brachypodium pinnatum</i>	C, Dm	56.4	26
<i>Sanguisorba minor</i>	C	46.7	26
<i>Cirsium acaule</i>		43.8	26
<i>Centaurea scabiosa</i>	C	42.1	26, 26AE
<i>Ononis spinosa</i>		41.6	26
<i>Festuca rupicola</i>	C, Dm	41.5	26, 26AE, 26AEA
<i>Plantago media</i>	C	40.2	21AA, 26
<i>Bromus erectus</i>	Dm	39.5	26
<i>Linum catharticum</i>	C	39.3	26
<i>Salvia pratensis</i>	C	38.4	26, 26AE
<i>Scabiosa ochroleuca</i>	C	38.1	26, 26AE, 26AEA
<i>Prunella grandiflora</i>		35.7	26
<i>Carlina vulgaris</i>		35.7	26
<i>Knautia arvensis</i> agg.	C	34.9	21AA, 26
<i>Securigera varia</i>	C	34.4	26
<i>Bupleurum falcatum</i>		33.9	26
<i>Koeleria pyramidata</i>		33.4	26
<i>Potentilla heptaphylla</i>		32.9	26
<i>Euphorbia cyparissias</i>	C	32.9	26, 26AE, 26AEA
<i>Pimpinella saxifraga</i>	C	32.1	21AA, 26, 26BB
<i>Fragaria viridis</i>		31.6	26, 26AE
<i>Galium verum</i> agg.	C	31.3	26
<i>Onobrychis vicifolia</i> agg.		29.4	26
<i>Salvia verticillata</i>		29.3	26
<i>Medicago falcata</i>		29.3	26, 26AE, 26AEA
<i>Viola hirta</i>		29.2	26, 32BA
<i>Trifolium montanum</i>		29.1	26
<i>Helianthemum grandiflorum</i> ssp. <i>obscurum</i>		28.4	26
<i>Agrimonia eupatoria</i>		27.9	26
<i>Cirsium pannonicum</i>		27.7	
<i>Asperula cynanchica</i>		27.5	26, 26AAB, 26AE, 26AEA
<i>Lotus corniculatus</i>	C	27.3	21AA, 26
<i>Campanula glomerata</i>		26.8	26
<i>Anthyllis vulneraria</i>		26.5	26
<i>Inula salicina</i>		24.2	
<i>Linum tenuifolium</i>		24.1	26
<i>Tetragonolobus maritimus</i>		23.8	
<i>Filipendula vulgaris</i>		23.8	26
<i>Thesium linophyllum</i>		23.0	26
<i>Carlina acaulis</i>		23.0	26
<i>Fissidens dubius</i>		22.7	
<i>Leontodon hispidus</i>		22.6	21, 21AA
<i>Thymus praecox</i>		22.4	26, 26AE, 26AEA
<i>Polygala major</i>		22.4	
<i>Centaurea jacea</i>		22.2	21, 21AA, 21BE
<i>Polygala comosa</i>		21.9	26
<i>Peucedanum cervaria</i>		21.7	27, 27AA
<i>Carex flacca</i>		21.5	19AB
<i>Picris hieracioides</i>		21.2	40AB
<i>Eryngium campestre</i>		20.7	26, 26AE, 26AEA, 26AEC
<i>Carex humilis</i>		20.4	26, 26AE, 26AEA
<i>Ranunculus polyanthemus</i>		20.3	
<i>Aster amellus</i>		19.6	26
<i>Achillea millefolium</i> agg.	C	19.6	21, 21AA, 26, 26AE
<i>Coronilla vaginalis</i>		19.0	
<i>Scabiosa canescens</i>		18.9	26, 26AE

<i>Abietinella abietina</i>		18.8	26
<i>Scorzonera hispanica</i>		18.7	
<i>Homalothecium lutescens</i>		18.5	
<i>Arrhenatherum elatius</i>		18.2	21, 21AA, 26
Constant species (16)			
<i>Brachypodium pinnatum</i>	Dg, Dm	78.0	21ACB, 26, 27, 27AA, 32BA, 32BB
<i>Euphorbia cyparissias</i>	Dg	65.0	21ACB, 24, 25, 25AC, 25AD, 26, 26AA, 26AAA, 26AAB, 26AB, 26AC, 26ACB, 26ACC, 26AE, 26AEA, 26AEB, 26AEC, 26BB, 27, 27AA, 27AB, 29, 29AA, 32BA, 32BC, 34, 34AA
<i>Achillea millefolium</i> agg.	Dg	65.0	21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BE, 22, 22AB, 22AD, 23, 24, 24AA, 25, 25AD, 26, 26AD, 26AE, 26AEA, 26AEB, 26AEC, 26BB, 27, 27AA, 27AB, 39AC, 40, 40AA, 40AB, 41CB, 42, 42AA, 44AC
<i>Festuca rupicola</i>	Dg, Dm	64.0	26, 26AD, 26AE, 26AEA, 26AEB, 26AEC, 26BB, 27, 27AA
<i>Sanguisorba minor</i>	Dg	62.0	26, 26AC, 26ACA, 26ACB, 26ACC, 26AEB
<i>Pimpinella saxifraga</i>	Dg	56.0	01CA, 21ACB, 22AB, 25, 26, 26AD, 26AEB, 26BB, 34, 34AA
<i>Plantago media</i>	Dg	54.0	21ACB, 26, 26AD, 26AEB
<i>Knautia arvensis</i> agg.	Dg	54.0	01CA, 21AA, 21ACB, 26, 26AEB, 27, 27AB
<i>Galium verum</i> agg.	Dg	52.0	21ACB, 26, 26AEC, 26BB, 27, 34
<i>Lotus corniculatus</i>	Dg	49.0	21AA, 21AC, 21ACB, 26, 26AEB
<i>Securigera varia</i>	Dg	47.0	26, 26AEB, 27, 27AA, 27AB, 32BA
<i>Centaurea scabiosa</i>	Dg	46.0	26, 26AEB, 27, 27AA, 34
<i>Scabiosa ochroleuca</i>	Dg	45.0	26
<i>Salvia pratensis</i>	Dg	44.0	26, 27, 27AA
<i>Poa pratensis</i> agg.		43.0	21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BBA, 21BC, 21BE, 25AD, 26, 26AEB, 26AEC, 26BB, 27, 27AA, 29, 40, 42
<i>Linum catharticum</i>	Dg	42.0	19AD, 21ACB
Dominant species (3)			
<i>Brachypodium pinnatum</i>	Dg, C	15.0	21ACB, 26, 32BB, 32BC, 34, 34AA
<i>Bromus erectus</i>	Dg	9.0	26
<i>Festuca rupicola</i>	Dg, C	4.0	25AD, 26, 26AE, 26AEA, 26AEB, 26AEC, 26BB

Alliance 26BB *Koelerio-Phleion phleoidis*

Acidophilous dry grasslands

No. of relevés: 208

Diagnostic species (11)

<i>Dianthus carthusianorum</i> agg.	C	27.7	26, 26AE, 26AEA, 26AEC
<i>Phleum phleoides</i>	C	26.8	26, 26AE, 26AEA
<i>Avenula pratensis</i>		22.7	26
<i>Euphrasia stricta</i> agg.		21.0	
<i>Hieracium pilosella</i>	C	20.1	25, 25AC, 26
<i>Koeleria macrantha</i>	C	19.9	26, 26AE, 26AEA
<i>Agrostis vinealis</i>		19.7	22BB, 25
<i>Pseudolysimachion spicatum</i>		19.0	26, 26AAB
<i>Cerastium arvense</i>		18.8	
<i>Pimpinella saxifraga</i>	C	18.2	21AA, 26, 26BA
<i>Carex caryophylla</i>		18.1	26

Constant species (15)

<i>Achillea millefolium</i> agg.		70.0	21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BE, 22, 22AB, 22AD, 23, 24, 24AA, 25, 25AD, 26, 26AD, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 27, 27AA, 27AB, 39AC, 40, 40AA, 40AB, 41CB, 42, 42AA, 44AC
<i>Dianthus carthusianorum</i> agg.	Dg	66.0	22BB, 26, 26AAB, 26AD, 26AE, 26AEA, 26AEC, 34

<i>Euphorbia cyparissias</i>		63.0	21ACB, 24, 25, 25AC, 25AD, 26, 26AA, 26AAA, 26AAB, 26AB, 26AC, 26ACB, 26ACC, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 27, 27AA, 27AB, 29, 29AA, 32BA, 32BC, 34, 34AA
<i>Pimpinella saxifraga</i>	Dg	61.0	01CA, 21ACB, 22AB, 25, 26, 26AD, 26AEB, 26BA, 34, 34AA
<i>Hypericum perforatum</i>		57.0	22BB, 25, 25AC, 25AD, 26, 26AEB, 27, 27AA, 27AB, 32BC, 37AB
<i>Plantago lanceolata</i>		55.0	21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BC, 21BE, 22, 22AB, 25, 25AD, 26AEB, 40, 44AC
<i>Hieracium pilosella</i>	Dg	54.0	22BB, 24, 25, 25AB, 25AC, 25AD, 26AAB, 26AEB
<i>Festuca rupicola</i>	Dm	50.0	26, 26AD, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 27, 27AA
<i>Koeleria macrantha</i>	Dg	49.0	26, 26AAB, 26AB, 26AD, 26AE, 26AEA, 26AEC
<i>Festuca ovina</i>		47.0	01AC, 01BA, 22AB, 22BB, 24, 25, 25AC, 32BC, 33, 33AA, 34, 34AA
<i>Phleum phleoides</i>	Dg	44.0	26AD, 26AEB, 34
<i>Poa pratensis</i> agg.		42.0	21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BBA, 21BC, 21BE, 25AD, 26, 26AEB, 26AEC, 26BA, 27, 27AA, 29, 40, 42
<i>Thymus pulegioides</i>		41.0	21ACB, 25, 25AC, 26AEB
<i>Galium verum</i> agg.		41.0	21ACB, 26, 26AEC, 26BA, 27, 34
<i>Arrhenatherum elatius</i>		41.0	21AA, 26, 27
Dominant species (1)			
<i>Festuca rupicola</i>	C	7.0	25AD, 26, 26AE, 26AEA, 26AEB, 26AEC, 26BA

Class 27 TRIFOLIO-GERANIETEA SANGUINEI**Vegetation of forest fringes**

No. of relevés: 163

Diagnostic species (4)

<i>Geranium sanguineum</i>	C, Dm	27.6	27AA
<i>Origanum vulgare</i>	C	26.0	27AA
<i>Peucedanum cervaria</i>	C	23.7	26BA, 27AA
<i>Vincetoxicum hirundinaria</i>	C	18.2	27AA, 32BA, 32BC

Constant species (22)

<i>Euphorbia cyparissias</i>		63.0	21ACB, 24, 25, 25AC, 25AD, 26, 26AA, 26AAA, 26AAB, 26AB, 26AC, 26ACB, 26ACC, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27AA, 27AB, 29, 29AA, 32BA, 32BC, 34, 34AA
<i>Achillea millefolium</i> agg.		61.0	21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BE, 22, 22AB, 22AD, 23, 24, 24AA, 25, 25AD, 26, 26AD, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27AA, 27AB, 39AC, 40, 40AA, 40AB, 41CB, 42, 42AA, 44AC
<i>Brachypodium pinnatum</i>		56.0	21ACB, 26, 26BA, 27AA, 32BA, 32BB
<i>Securigera varia</i>		46.0	26, 26AEB, 26BA, 27AA, 27AB, 32BA
<i>Poa pratensis</i> agg.		42.0	21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BBA, 21BC, 21BE, 25AD, 26, 26AEB, 26AEC, 26BA, 26BB, 27AA, 29, 40, 42
<i>Festuca rupicola</i>		42.0	26, 26AD, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27AA
<i>Hypericum perforatum</i>		41.0	22BB, 25, 25AC, 25AD, 26, 26AEB, 26BB, 27AA, 27AB, 32BC, 37AB
<i>Geranium sanguineum</i>	Dg, Dm	40.0	27AA
<i>Fragaria viridis</i>		39.0	26AEB, 27AA
<i>Vincetoxicum hirundinaria</i>	Dg	38.0	26ACB, 26ACC, 27AA, 32BA, 32BB, 32BC
<i>Origanum vulgare</i>	Dg	38.0	27AA
<i>Peucedanum cervaria</i>	Dg	35.0	27AA
<i>Centaurea scabiosa</i>		35.0	26, 26AEB, 26BA, 27AA, 34

<i>Bupleurum falcatum</i>		34.0	26ACB, 27AA, 32BA, 34
<i>Arrhenatherum elatius</i>		34.0	21AA, 26, 26BB
<i>Salvia pratensis</i>		33.0	26, 26BA, 27AA
<i>Galium verum</i> agg.		33.0	21ACB, 26, 26AEC, 26BA, 26BB, 34
<i>Teucrium chamaedrys</i>		31.0	27AA, 32BA, 34
<i>Knautia arvensis</i> agg.		31.0	01CA, 21AA, 21ACB, 26, 26AEB, 26BA, 27AB
<i>Viola hirta</i>		30.0	32BA
<i>Galium mollugo</i> agg.		30.0	21, 21AA, 26AEB, 27AB
<i>Dactylis glomerata</i>		28.0	21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 32BB, 37AB, 41, 41CC
Dominant species (1)			
<i>Geranium sanguineum</i>	Dg, C	7.0	27AA
Alliance 27AA <i>Geranium sanguinei</i>			
Vegetation of dry herbaceous forest fringes			
No. of relevés: 111			
Diagnostic species (4)			
<i>Geranium sanguineum</i>	C, Dm	32.8	27
<i>Peucedanum cervaria</i>	C	23.9	26BA, 27
<i>Origanum vulgare</i>	C	22.9	27
<i>Vincetoxicum hirsutinaria</i>	C	18.8	27, 32BA, 32BC
Constant species (16)			
<i>Euphorbia cyparissias</i>		68.0	21ACB, 24, 25, 25AC, 25AD, 26, 26AA, 26AAA, 26AAB, 26AB, 26AC, 26ACB, 26ACC, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AB, 29, 29AA, 32BA, 32BC, 34, 34AA
<i>Brachypodium pinnatum</i>		65.0	21ACB, 26, 26BA, 27, 32BA, 32BB
<i>Achillea millefolium</i> agg.		64.0	21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BE, 22, 22AB, 22AD, 23, 24, 24AA, 25, 25AD, 26, 26AD, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AB, 39AC, 40, 40AA, 40AB, 41CB, 42, 42AA, 44AC
<i>Geranium sanguineum</i>	Dg, Dm	57.0	27
<i>Festuca rupicola</i>		51.0	26, 26AD, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27
<i>Vincetoxicum hirsutinaria</i>	Dg	47.0	26ACB, 26ACC, 27, 32BA, 32BB, 32BC
<i>Poa pratensis</i> agg.		47.0	21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BBA, 21BC, 21BE, 25AD, 26, 26AEB, 26AEC, 26BA, 26BB, 27, 29, 40, 42
<i>Bupleurum falcatum</i>		45.0	26ACB, 27, 32BA, 34
<i>Securigera varia</i>		43.0	26, 26AEB, 26BA, 27, 27AB, 32BA
<i>Salvia pratensis</i>		43.0	26, 26BA, 27
<i>Fragaria viridis</i>		43.0	26AEB, 27
<i>Teucrium chamaedrys</i>		42.0	27, 32BA, 34
<i>Peucedanum cervaria</i>	Dg	42.0	27
<i>Origanum vulgare</i>	Dg	41.0	27
<i>Hypericum perforatum</i>		41.0	22BB, 25, 25AC, 25AD, 26, 26AEB, 26BB, 27, 27AB, 32BC, 37AB
<i>Centaurea scabiosa</i>		41.0	26, 26AEB, 26BA, 27, 34
Dominant species (1)			
<i>Geranium sanguineum</i>	Dg, C	10.0	27

Alliance 27AB *Trifolion medii*

Vegetation of mesic herbaceous forest fringes

No. of relevés: 48

Diagnostic species (0)

Constant species (7)

<i>Knautia arvensis</i> agg.		65.0	01CA, 21AA, 21ACB, 26, 26AEB, 26BA, 27
<i>Achillea millefolium</i> agg.		58.0	21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BE,

			22, 22AB, 22AD, 23, 24, 24AA, 25, 25AD, 26, 26AD, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 39AC, 40, 40AA, 40AB, 41CB, 42, 42AA, 44AC
<i>Securigera varia</i>		52.0	26, 26AEB, 26BA, 27, 27AA, 32BA
<i>Trifolium medium</i>	Dm	48.0	
<i>Galium mollugo</i> agg.		48.0	21, 21AA, 26AEB, 27
<i>Euphorbia cyparissias</i>		48.0	21ACB, 24, 25, 25AC, 25AD, 26, 26AA, 26AAA, 26AAB, 26AB, 26AC, 26ACB, 26ACC, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 29, 29AA, 32BA, 32BC, 34, 34AA
<i>Hypericum perforatum</i>		42.0	22BB, 25, 25AC, 25AD, 26, 26AEB, 26BB, 27, 27AA, 32BC, 37AB
Dominant species (2)			
<i>Calamagrostis arundinacea</i>		6.0	06, 06BB, 22BC, 32AE
<i>Trifolium medium</i>	C	4.0	

Class 28 *BETULO CARPATICAЕ-ALNETEA VIRIDIS* and Alliance 28AA *Salicion silesiacaе*

Subalpine deciduous scrub

No. of relevés: 12

Diagnostic species (4)

<i>Salix silesiaca</i>	C, Dm	63.0	
<i>Ribes petraeum</i>		33.3	
<i>Betula carpatica</i>	C, Dm	23.3	
<i>Prunus padus</i> ssp. <i>borealis</i>		19.2	

Constant species (20)

<i>Salix silesiaca</i>	Dg, Dm	83.0	
<i>Senecio nemorensis</i> agg.		75.0	06, 06AA, 06AB, 06BB, 32, 32AA, 32AAA, 32AC, 32AD, 32ADA, 32ADB, 32ADC, 32ADD, 32AE, 37, 37AB, 37BA
<i>Rumex arifolius</i>		75.0	06, 06AA, 06BC, 41CD
<i>Calamagrostis villosa</i>	Dm	75.0	03AA, 04, 04AA, 05, 05AA, 06, 06AA, 06AB, 06BA, 06BB, 35, 35AB, 35AC, 35AD, 35BA, 37AC
<i>Veratrum album</i> ssp. <i>lobelianum</i>		67.0	06, 06BA, 06BB, 41CD
<i>Vaccinium myrtillus</i>		67.0	04, 04AA, 04AB, 05, 05AA, 06, 06BA, 06BB, 20, 20AA, 20AB, 22, 22AA, 22AD, 22BA, 22BC, 32ADD, 32AE, 33, 33AA, 35, 35AA, 35AB, 35AC, 35AD, 35BA, 37, 37AC
<i>Calamagrostis arundinacea</i>		67.0	01AC, 06, 06BB, 22BC, 32BB, 33, 37, 37AB
<i>Athyrium distentifolium</i>		67.0	06, 06AB, 35BA
<i>Luzula luzuloides</i>		58.0	06, 06BA, 06BB, 06BC, 22BC, 32AE, 33, 33AA, 37AB
<i>Dryopteris dilatata</i>		58.0	35, 35AB, 35BA
<i>Sorbus aucuparia</i>	Dm	50.0	32ADD, 33, 35BA
<i>Rubus idaeus</i>		50.0	03, 06, 06AB, 32, 32AAA, 32ADB, 32ADD, 34, 37, 37AA, 37AB, 37AC, 37BA
<i>Picea abies</i>		50.0	32, 32AD, 32ADB, 32ADD, 32AE, 35, 35AA, 35AB, 35AC, 35AD, 35BA
<i>Betula carpatica</i>	Dg, Dm	50.0	
<i>Prenanthes purpurea</i>		42.0	32ADB
<i>Milium effusum</i>		42.0	32ADB, 37AB
<i>Chaerophyllum hirsutum</i>		42.0	06, 06AA, 18, 18AB, 18AC, 30, 32AAA, 41BA
<i>Gentiana asclepiadea</i>		42.0	
<i>Crepis paludosa</i>		42.0	06AA, 18AC, 31
<i>Adenostyles alliariae</i>		42.0	
(<i>Trientalis europaea</i>)		33.0	05, 05AA, 06BA, 35, 35AC, 35BA
(<i>Solidago virgaurea</i>)		33.0	04, 04AB, 05, 05AA, 06BB, 22AA

<i>(Paris quadrifolia)</i>		33.0	
<i>(Equisetum sylvaticum)</i>		33.0	05, 05AA, 32ADD
<i>(Deschampsia cespitosa)</i>		33.0	06, 06AA, 06BC, 18AC, 21, 21AB, 21BA, 21BB, 21BBA, 21BE, 22, 22AD, 31, 31AA, 32AA, 32AAA, 32AAB, 32ADD, 41CD
<i>(Bistorta major)</i>		33.0	04, 04AA, 04AB, 06, 06BA, 06BB, 06BC, 18AC, 21AB, 22, 22AA, 22AD
<i>(Avenella flexuosa)</i>		33.0	03AA, 04, 04AA, 04AB, 06, 06BA, 06BB, 06BC, 22, 22AA, 22AC, 22AD, 22BA, 22BC, 32ADD, 32AE, 33, 33AA, 35, 35AA, 35AB, 35AC, 35BA, 37, 37AC
Dominant species (6)			
<i>Salix silesiaca</i>	Dg, C	25.0	
<i>Betula carpatica</i>	Dg, C	17.0	35AD
<i>Sorbus aucuparia</i>	C	8.0	
<i>Polytrichum commune</i>		8.0	
<i>Calamagrostis villosa</i>	C	8.0	06, 06BA, 32ADD, 35, 35AB, 35AC, 35AD, 37, 37AC
<i>Alnus alnobetula</i>		8.0	

Class 29 RHAMNO-PRUNETEA

Mesic and xeric scrub

No. of relevés: 109

Diagnostic species (5)

<i>Prunus spinosa</i>	C, Dm	31.7	29AA
<i>Rosa canina</i> agg.	C	23.0	29AA
<i>Prunus tenella</i>	Dm	21.4	29AB
<i>Prunus fruticosa</i>	Dm	19.7	29AB
<i>Prunus mahaleb</i>		19.4	29AA

Constant species (6)

<i>Prunus spinosa</i>	Dg, Dm	48.0	29AA
<i>Rosa canina</i> agg.	Dg	37.0	29AA
<i>Euphorbia cyparissias</i>		36.0	21ACB, 24, 25, 25AC, 25AD, 26, 26AA, 26AAA, 26AAB, 26AB, 26AC, 26ACB, 26ACC, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 27AB, 29AA, 32BA, 32BC, 34, 34AA
<i>Poa pratensis</i> agg.		28.0	21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BBA, 21BC, 21BE, 25AD, 26, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 40, 42
<i>Poa nemoralis</i>		28.0	32, 32AB, 32AC, 32ADA, 32ADC, 32BA, 32BB, 32BC, 33, 33AA, 36, 37, 37AA, 37AB, 37BA, 41CA
<i>Cornus sanguinea</i>		28.0	

Dominant species (5)

<i>Prunus spinosa</i>	Dg, C	14.0	29AA, 29AB
<i>Cotoneaster integerrimus</i>		8.0	29AB
<i>Prunus fruticosa</i>	Dg	6.0	29AB
<i>Prunus tenella</i>	Dg	5.0	29AB
<i>Corylus avellana</i>		5.0	29AA, 29AB

Alliance 29AA Berberidion

Tall mesic and xeric scrub

No. of relevés: 40

Diagnostic species (3)

<i>Prunus spinosa</i>	C, Dm	30.4	29
<i>Prunus mahaleb</i>		25.7	29
<i>Rosa canina</i> agg.	C	18.1	29

Constant species (4)

<i>Prunus spinosa</i>	Dg, Dm	75.0	29
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<i>Rosa canina</i> agg.	Dg	48.0	29
<i>Euphorbia cyparissias</i>		48.0	21ACB, 24, 25, 25AC, 25AD, 26, 26AA, 26AAA, 26AAB, 26AB, 26AC, 26ACB, 26ACC, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 27AB, 29, 32BA, 32BC, 34, 34AA, 32BA, 32BB
<i>Ligustrum vulgare</i>		45.0	
Dominant species (2)			
<i>Prunus spinosa</i>	Dg, C	25.0	29, 29AB
<i>Corylus avellana</i>		5.0	29, 29AB

Alliance 29AB *Prunion spinosae***Low xeric scrub**

No. of relevés: 53

Diagnostic species (3)

<i>Prunus tenella</i>	Dm	30.7	29
<i>Prunus fruticosa</i>	Dm	28.6	29
<i>Rosa spinosissima</i>	Dm	20.9	

Constant species (0)**Dominant species (6)**

<i>Cotoneaster integerrimus</i>		17.0	29
<i>Prunus fruticosa</i>	Dg	13.0	29
<i>Prunus tenella</i>	Dg	9.0	29
<i>Prunus spinosa</i>		8.0	29, 29AA
<i>Rosa spinosissima</i>	Dg	6.0	
<i>Corylus avellana</i>		4.0	29, 29AA

Class 30 SALICETEA PURPUREAE**Riverine willow scrub and willow-poplar forests**

No. of relevés: 53

Diagnostic species (9)

<i>Salix alba</i>	C, Dm	49.2	30AC
<i>Salix fragilis</i>	C, Dm	42.5	30AC
<i>Salix triandra</i>	Dm	38.0	30AA
<i>Salix purpurea</i>		30.5	30AA, 30AC
<i>Populus nigra</i>		27.0	30AC
<i>Salix viminalis</i>		25.1	30AA
<i>Populus x canadensis</i>	Dm	22.8	30AC
<i>Fraxinus angustifolia</i> ssp. <i>danubialis</i>		20.4	30AC, 32AAB
<i>Salix elaeagnos</i>		19.4	30AA

Constant species (23)

<i>Urtica dioica</i>	Dm	92.0	02, 13DA, 21BD, 30AA, 30AC, 31, 31AA, 31BA, 32, 32AA, 32AAA, 32AAB, 32AC, 32ADB, 36, 36AA, 37, 37AB, 37BA, 39AB, 41, 41AA, 41BA, 41CA, 41CB, 41CC
<i>Phalaris arundinacea</i>	Dm	70.0	13DA, 13ED, 21BC, 21BD, 30AA, 30AC, 31, 41AA
<i>Galium aparine</i>		57.0	30AA, 30AC, 32AAB, 36, 36AA, 37AB, 39, 39BA, 39BB, 41, 41AA, 41CA, 41CC, 44, 44AA, 44AB, 44BA
<i>Salix fragilis</i>	Dg, Dm	55.0	30AC
<i>Aegopodium podagraria</i>		47.0	30AA, 30AC, 32AA, 32AAA, 32AAB, 41, 41AA, 41BA, 41CC
<i>Salix alba</i>	Dg, Dm	43.0	30AC
<i>Calystegia sepium</i>		43.0	30AC, 41AA
<i>Poa trivialis</i>		40.0	21, 21ACA, 21BA, 21BB, 21BBA, 21BBB, 21BC, 30AC, 41, 41CC, 43AAB
<i>Lamium maculatum</i>		40.0	30AC
<i>Glechoma hederacea</i> agg.		40.0	30AC, 32AAB
<i>Symphytum officinale</i> agg.		36.0	21BC, 21BD

<i>Rubus caesius</i>		34.0	32AAB
<i>Ranunculus repens</i>		34.0	18, 18AA, 21, 21ACA, 21BA, 21BBA, 21BC, 30AA, 31, 31AA, 38, 39BB, 41, 43, 43AA, 43AAA, 43AAB
<i>Filipendula ulmaria</i>		34.0	21, 21BB, 21BBA, 21BBB, 30AA, 31, 31AA
<i>Chaerophyllum hirsutum</i>		32.0	06, 06AA, 18, 18AB, 18AC, 28, 28AA, 32AAA, 41BA
<i>Heracleum sphondylium</i>		32.0	21AA, 21AB, 41, 41CC
<i>Geum urbanum</i>		30.0	30AC, 32AA, 32AAA, 32AAB, 32BB, 36
<i>Anthriscus sylvestris</i>		28.0	41, 41CB
<i>Sambucus nigra</i>		26.0	36, 36AA
<i>Rumex obtusifolius</i>		26.0	
<i>Poa palustris</i>		26.0	21BC, 21BD, 30AA
<i>Iris pseudacorus</i>		26.0	
<i>Impatiens noli-tangere</i>		26.0	18, 18AA, 18AB, 31, 32, 32AA, 32AAA, 32AC, 32ADB
Dominant species (6)			
<i>Urtica dioica</i>	C	25.0	13DA, 30AA, 30AC, 32AA, 37BA, 41, 41AA, 41CA, 41CB, 41CC
<i>Salix alba</i>	Dg, C	17.0	30AC, 41AA
<i>Salix fragilis</i>	Dg, C	13.0	30AC
<i>Phalaris arundinacea</i>	C	11.0	13, 13DA, 13ED, 21BD, 30AA, 30AC
<i>Salix triandra</i>	Dg	9.0	30AA
<i>Populus x canadensis</i>	Dg	6.0	
Alliance 30AA <i>Salicion triandrae</i>			
Willow scrub of loamy and sandy river banks			
No. of relevés: 13			
Diagnostic species (4)			
<i>Salix triandra</i>	C, Dm	65.0	30
<i>Salix elaeagnos</i>		39.2	30
<i>Salix viminalis</i>	C, Dm	38.1	30
<i>Salix purpurea</i>	C	28.5	30, 30AC
Constant species (12)			
<i>Urtica dioica</i>	Dm	92.0	02, 13DA, 21BD, 30, 30AC, 31, 31AA, 31BA, 32, 32AA, 32AAA, 32AAB, 32AC, 32ADB, 36, 36AA, 37, 37AB, 37BA, 39AB, 41, 41AA, 41BA, 41CA, 41CB, 41CC
<i>Salix triandra</i>	Dg, Dm	85.0	
<i>Phalaris arundinacea</i>	Dm	85.0	13DA, 13ED, 21BC, 21BD, 30, 30AC, 31, 41AA
<i>Filipendula ulmaria</i>		69.0	21, 21BB, 21BBA, 21BBB, 30, 31, 31AA
<i>Aegopodium podagraria</i>		62.0	30, 30AC, 32AA, 32AAA, 32AAB, 41, 41AA, 41BA, 41CC
<i>Galium aparine</i>		54.0	30, 30AC, 32AAB, 36, 36AA, 37AB, 39, 39BA, 39BB, 41, 41AA, 41CA, 41CC, 44, 44AA, 44AB, 44BA
<i>Scrophularia nodosa</i>		46.0	37AB
<i>Salix viminalis</i>	Dg, Dm	46.0	
<i>Salix purpurea</i>	Dg	46.0	
<i>Ranunculus repens</i>		46.0	18, 18AA, 21, 21ACA, 21BA, 21BBA, 21BC, 30, 31, 31AA, 38, 39BB, 41, 43, 43AA, 43AAA, 43AAB
<i>Poa palustris</i>		46.0	21BC, 21BD, 30
<i>Myosoton aquaticum</i>		46.0	
Dominant species (4)			
<i>Salix triandra</i>	Dg, C	38.0	30
<i>Urtica dioica</i>	C	15.0	13DA, 30, 30AC, 32AA, 37BA, 41, 41AA, 41CA, 41CB, 41CC
<i>Phalaris arundinacea</i>	C	15.0	13, 13DA, 13ED, 21BD, 30, 30AC
<i>Salix viminalis</i>	Dg, C	8.0	

Alliance 30AC *Salicion albae***Willow-poplar forests of lowland rivers**

No. of relevés: 37

Diagnostic species (6)

<i>Salix alba</i>	C, Dm	59.0	30
<i>Salix fragilis</i>	C, Dm	38.6	30
<i>Populus nigra</i>		29.4	30
<i>Fraxinus angustifolia</i> ssp. <i>danubialis</i>		21.8	30, 32AAB
<i>Salix purpurea</i>		19.6	30, 30AA
<i>Populus x canadensis</i>		18.2	30

Constant species (11)

<i>Urtica dioica</i>	Dm	92.0	02, 13DA, 21BD, 30, 30AA, 31, 31AA, 31BA, 32, 32AA, 32AAA, 32AAB, 32AC, 32ADB, 36, 36AA, 37, 37AB, 37BA, 39AB, 41, 41AA, 41BA, 41CA, 41CB, 41CC
<i>Phalaris arundinacea</i>	Dm	65.0	13DA, 13ED, 21BC, 21BD, 30, 30AA, 31, 41AA
<i>Salix alba</i>	Dg, Dm	62.0	30
<i>Salix fragilis</i>	Dg, Dm	59.0	30
<i>Galium aparine</i>		57.0	30, 30AA, 32AAB, 36, 36AA, 37AB, 39, 39BA, 39BB, 41, 41AA, 41CA, 41CC, 44, 44AA, 44AB, 44BA
<i>Calystegia sepium</i>		51.0	30, 41AA
<i>Poa trivialis</i>		46.0	21, 21ACA, 21BA, 21BB, 21BBA, 21BBB, 21BC, 30, 41, 41CC, 43AAB
<i>Lamium maculatum</i>		46.0	30
<i>Aegopodium podagraria</i>		46.0	30, 30AA, 32AA, 32AAA, 32AAB, 41, 41AA, 41BA, 41CC
<i>Glechoma hederacea</i> agg.		43.0	30, 32AAB
<i>Geum urbanum</i>		41.0	30, 32AA, 32AAA, 32AAB, 32BB, 36
Dominant species (4)			
<i>Urtica dioica</i>	C	30.0	13DA, 30, 30AA, 32AA, 37BA, 41, 41AA, 41CA, 41CB, 41CC
<i>Salix alba</i>	Dg, C	24.0	30, 41AA
<i>Salix fragilis</i>	Dg, C	16.0	30
<i>Phalaris arundinacea</i>	C	11.0	13, 13DA, 13ED, 21BD, 30, 30AA

Class 31 ALNETEA GLUTINOSAE**Alder and willow carrs**

No. of relevés: 155

Diagnostic species (10)

<i>Carex elongata</i>	C	37.2	31AA
<i>Alnus glutinosa</i>	C, Dm	36.0	31AA, 32, 32AA, 32AAA
<i>Salix cinerea</i>	Dm	31.9	31BA
<i>Thelypteris palustris</i>		28.6	31AA
<i>Solanum dulcamara</i>	C	25.1	31AA
<i>Ribes nigrum</i>		23.5	31AA
<i>Frangula alnus</i>	C	20.1	31AA
<i>Lysimachia vulgaris</i>	C	19.3	21BB, 21BBB
<i>Carex acutiformis</i>	C, Dm	19.3	31AA
<i>Lycopus europaeus</i>	C	18.8	13, 31AA

Constant species (24)

<i>Alnus glutinosa</i>	Dg, Dm	79.0	31AA, 32AA, 32AAA
<i>Lysimachia vulgaris</i>	Dg	72.0	13EB, 19, 19AF, 19BA, 21BBB, 31AA, 31BA
<i>Urtica dioica</i>		50.0	02, 13DA, 21BD, 30, 30AA, 30AC, 31AA, 31BA, 32, 32AA, 32AAA, 32AAB, 32AC, 32ADB, 36, 36AA, 37, 37AB, 37BA, 39AB, 41, 41AA, 41BA, 41CA, 41CB, 41CC

<i>Lycopus europaeus</i>	Dg	48.0	31AA, 38
<i>Galium palustre</i> agg.		48.0	13, 13EA, 13EB, 13EC, 13ED, 19, 19AA, 19BA, 31AA, 31BA
<i>Caltha palustris</i>		48.0	18, 19BA, 21, 21BB, 21BBA, 21BBB, 31AA
<i>Deschampsia cespitosa</i>		46.0	06, 06AA, 06BC, 18AC, 21, 21AB, 21BA, 21BB, 21BBA, 21BE, 22, 22AD, 28, 31AA, 32AA, 32AAA, 32AAB, 32ADD, 41CD
<i>Filipendula ulmaria</i>		43.0	21, 21BB, 21BBA, 21BBB, 30, 30AA, 31AA
<i>Solanum dulcamara</i>	Dg	39.0	31AA
<i>Frangula alnus</i>	Dg	38.0	31AA, 33, 34, 34AA
<i>Ranunculus repens</i>		35.0	18, 18AA, 21, 21ACA, 21BA, 21BBA, 21BC, 30, 30AA, 31AA, 38, 39BB, 41, 43, 43AA, 43AAA, 43AAB
<i>Myosotis palustris</i> agg.		33.0	18, 18AA, 18AB, 21, 21BB, 21BBA
<i>Crepis paludosa</i>		30.0	06AA, 18AC, 28, 28AA
<i>Carex elongata</i>	Dg	30.0	
<i>Dryopteris carthusiana</i>		29.0	
<i>Carex acutiformis</i>	Dg, Dm	29.0	
<i>Scirpus sylvaticus</i>		28.0	21, 21BB, 21BBA, 21BBB
<i>Phalaris arundinacea</i>		28.0	13DA, 13ED, 21BC, 21BD, 30, 30AA, 30AC, 41AA
<i>Lythrum salicaria</i>		28.0	13EB
<i>Equisetum fluviatile</i>		28.0	13EC, 19BA
<i>Cirsium palustre</i>		28.0	19, 19AA, 19AD, 19AF, 21, 21BB, 21BBA, 21BE
<i>Viola palustris</i>		27.0	05, 05AA, 19, 19AA, 19AC, 19AD, 19AF, 19BA, 19BB, 19BC
<i>Impatiens noli-tangere</i>		27.0	18, 18AA, 18AB, 30, 32, 32AA, 32AAA, 32AC, 32ADB
<i>Athyrium filix-femina</i>		27.0	18, 18AB, 32, 32AA, 32AAA, 32AD, 32ADA, 32ADB, 32ADD
Dominant species (3)			
<i>Alnus glutinosa</i>	Dg, C	37.0	13EA, 31AA, 32, 32AA, 32AAA, 32AAB
<i>Salix cinerea</i>	Dg	9.0	31BA
<i>Carex acutiformis</i>	Dg, C	6.0	13EB, 13ED, 31AA

Alliance 31AA *Alnion glutinosae*

Alder carrs

No. of relevés: 124

Diagnostic species (8)

<i>Carex elongata</i>		40.7	31
<i>Alnus glutinosa</i>	C, Dm	38.8	31, 32, 32AA, 32AAA
<i>Thelypteris palustris</i>		32.0	31
<i>Ribes nigrum</i>		26.3	31
<i>Solanum dulcamara</i>	C	25.9	31
<i>Frangula alnus</i>	C	19.9	31
<i>Carex acutiformis</i>	Dm	19.8	31
<i>Lycopus europaeus</i>	C	18.3	13, 31

Constant species (11)

<i>Alnus glutinosa</i>	Dg, Dm	94.0	31, 32AA, 32AAA
<i>Lysimachia vulgaris</i>		75.0	13EB, 19, 19AF, 19BA, 21BBB, 31, 31BA
<i>Caltha palustris</i>		55.0	18, 19BA, 21, 21BB, 21BBA, 21BBB, 31
<i>Urtica dioica</i>		52.0	02, 13DA, 21BD, 30, 30AA, 30AC, 31, 31BA, 32, 32AA, 32AAA, 32AAB, 32AC, 32ADB, 36, 36AA, 37, 37AB, 37BA, 39AB, 41, 41AA, 41BA, 41CA, 41CB, 41CC
<i>Lycopus europaeus</i>	Dg	52.0	31, 38
<i>Deschampsia cespitosa</i>		50.0	06, 06AA, 06BC, 18AC, 21, 21AB, 21BA, 21BB, 21BBA, 21BE, 22, 22AD, 28, 31, 32AA, 32AAA, 32AAB, 32ADD, 41CD
<i>Galium palustre</i> agg.		49.0	13, 13EA, 13EB, 13EC, 13ED, 19, 19AA, 19BA,

			31, 31BA
<i>Filipendula ulmaria</i>		48.0	21, 21BB, 21BBA, 21BBB, 30, 30AA, 31
<i>Solanum dulcamara</i>	Dg	44.0	31
<i>Ranunculus repens</i>		42.0	18, 18AA, 21, 21ACA, 21BA, 21BBA, 21BC, 30, 30AA, 31, 38, 39BB, 41, 43, 43AA, 43AAA, 43AAB
<i>Frangula alnus</i>	Dg	42.0	31, 33, 34, 34AA
Dominant species (2)			
<i>Alnus glutinosa</i>	Dg, C	46.0	13EA, 31, 32, 32AA, 32AAA, 32AAB
<i>Carex acutiformis</i>	Dg	8.0	13EB, 13ED, 31

Alliance 31BA *Salicion cinereae***Willow cars**

No. of relevés: 30

Diagnostic species (1)

<i>Salix cinerea</i>	C, Dm	49.4	31
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Constant species (4)

<i>Salix cinerea</i>	Dg, Dm	77.0	
<i>Lysimachia vulgaris</i>		60.0	13EB, 19, 19AF, 19BA, 21BBB, 31, 31AA
<i>Urtica dioica</i>		43.0	02, 13DA, 21BD, 30, 30AA, 30AC, 31, 31AA, 32, 32AA, 32AAA, 32AAB, 32AC, 32ADB, 36, 36AA, 37, 37AB, 37BA, 39AB, 41, 41AA, 41BA, 41CA, 41CB, 41CC
<i>Galium palustre</i> agg.		43.0	13, 13EA, 13EB, 13EC, 13ED, 19, 19AA, 19BA, 31, 31AA

Dominant species (9)

<i>Salix cinerea</i>	Dg, C	47.0	31
<i>Spiraea salicifolia</i>		7.0	
<i>Salix aurita</i>		7.0	
<i>Sphagnum recurvum</i> agg.		3.0	19, 19AA, 19AC, 19BA, 19BB, 19BC, 19BD, 20, 20AB, 22AC, 35, 35AA, 35AB, 35AD
<i>Salix pentandra</i>		3.0	
<i>Molinia caerulea</i> agg.		3.0	04, 04AA, 04AB, 06, 06BA, 18AC, 19AA, 19BC, 21BE, 35AD
<i>Menyanthes trifoliata</i>		3.0	13EC, 19BA
<i>Frangula alnus</i>		3.0	
<i>Equisetum fluviatile</i>		3.0	

Class 32 *QUERCO-FAGETEA***Broad-leaved deciduous forests**

No. of relevés: 3797

Diagnostic species (110)

<i>Fagus sylvatica</i>	C, Dm	60.4	32AC, 32AD, 32ADA, 32AE
<i>Poa nemoralis</i>	C	57.0	32AB, 32AC, 32AD, 32ADA, 32BC
<i>Galium odoratum</i>	C	56.9	32AB, 32AC, 32AD, 32ADA
<i>Viola reichenbachiana</i>	C	56.6	32AB, 32AD, 32ADA
<i>Galeobdolon luteum</i> agg.	C	56.6	32AA, 32AAA, 32AB, 32AC, 32AD, 32ADA
<i>Oxalis acetosella</i>	C	56.5	32AA, 32AAA, 32AC, 32AD, 32ADA, 32AE
<i>Mercurialis perennis</i>	C	52.9	32AC, 32AD, 32ADA
<i>Pulmonaria officinalis</i> agg.	C	50.7	32AA, 32AB, 32AC
<i>Acer pseudoplatanus</i>	C	50.4	32AA, 32AAA, 32AC, 32AD, 32ADA
<i>Carpinus betulus</i>	C, Dm	49.7	32AB, 32AC
<i>Dryopteris filix-mas</i> agg.	C	49.2	32AC, 32AD, 32ADA
<i>Senecio nemorensis</i> agg.	C	47.1	32AA, 32AAA, 32AC, 32AD, 32ADA
<i>Mycelis muralis</i>	C	47.1	32AB, 32AD, 32ADA
<i>Melica nutans</i>	C	46.6	32AB, 32AC
<i>Athyrium filix-femina</i>	C	45.3	32AA, 32AAA, 32AD, 32ADA
<i>Hieracium murorum</i>	C	44.5	32AB, 32AD, 32AE, 32BC, 33, 33AA
<i>Lathyrus vernus</i>		44.3	32AB

<i>Tilia cordata</i>		43.0	32AB
<i>Geranium robertianum</i>	C	42.4	32AA, 32AC, 32AD, 32ADA
<i>Asarum europaeum</i>		42.2	32AA, 32AAA, 32AB, 32AC
<i>Fraxinus excelsior</i>		41.6	32AA, 32AAA, 32AC
<i>Maianthemum bifolium</i>		40.3	32AB, 32AD, 32AE
<i>Polygonatum multiflorum</i>		39.5	32AB
<i>Quercus petraea</i> agg.	C, Dm	39.4	32AB, 32BC, 33, 33AA
<i>Brachypodium sylvaticum</i>		39.0	32AA, 32AAA, 32AB
<i>Stellaria holostea</i>		38.5	32AB
<i>Impatiens noli-tangere</i>	C	37.8	32AA, 32AAA, 32AC, 32AD, 32ADA
<i>Milium effusum</i>		37.4	32AD, 32ADA
<i>Campanula trachelium</i>		36.4	32AB, 32AC
<i>Prenanthes purpurea</i>		35.8	32AD, 32ADA, 32AE
<i>Actaea spicata</i>		35.6	32AC, 32AD, 32ADA
<i>Rubus fruticosus</i> agg.	C	35.3	32AD, 32ADA
<i>Abies alba</i>		35.3	32AD, 32ADA, 32AE
<i>Scrophularia nodosa</i>		35.1	32AB, 32AD, 32ADA
<i>Moehringia trinervia</i>		35.1	32AD, 32ADA
<i>Dentaria bulbifera</i>		35.1	32AD, 32ADA
<i>Carex sylvatica</i>		34.7	32AA, 32AAA, 32AD, 32ADA
<i>Galium sylvaticum</i>		34.6	32AB
<i>Corylus avellana</i>		34.5	32AB, 32AC
<i>Geum urbanum</i>		34.3	32AA, 32AAA, 32AB
<i>Stachys sylvatica</i>		33.3	32AA, 32AAA
<i>Hepatica nobilis</i>		33.3	32AB, 32AC
<i>Rubus idaeus</i>	C	33.1	32AA, 32AAA, 32AD, 32ADA, 37
<i>Picea abies</i>	C	32.3	32AD, 32AE, 35, 35AB
<i>Melica uniflora</i>		32.1	32AB, 32AD, 32ADA
<i>Sanicula europaea</i>		31.9	32AB, 32AD, 32ADA
<i>Convallaria majalis</i>		31.9	32AB
<i>Luzula luzuloides</i>		31.5	32AB, 32AE, 33, 33AA
<i>Carex digitata</i>		31.5	32AB
<i>Quercus robur</i>		31.4	32AAB, 32AB
<i>Fragaria vesca</i>		31.2	32AB
<i>Carex pilosa</i>		31.2	32AB
<i>Paris quadrifolia</i>		31.0	32AD, 32ADA
<i>Circaea lutetiana</i>		30.4	32AA, 32AAA, 32AAB
<i>Acer campestre</i>		29.6	32AAB, 32AB, 32BA
<i>Daphne mezereum</i>		29.4	32AB, 32AD
<i>Festuca altissima</i>		28.6	32AD, 32ADA
<i>Atrichum undulatum</i>		28.4	32AB
<i>Euphorbia dulcis</i>		28.3	32AA, 32AAA, 32AB
<i>Dactylis polygama</i>		28.2	32AB
<i>Alliaria petiolata</i>		28.0	32AA, 32AC
<i>Acer platanoides</i>		27.9	32AC
<i>Calamagrostis arundinacea</i>		27.6	32AE
<i>Dryopteris dilatata</i>		27.0	32AD, 32ADA, 32AE, 35, 35AB
<i>Anemone nemorosa</i>		26.9	32AA, 32AAA, 32AB
<i>Ulmus glabra</i>		26.5	32AC
<i>Dryopteris carthusiana</i>		26.4	32AD, 32ADA
<i>Lathyrus niger</i>		26.3	32AB, 32BC
<i>Euphorbia amygdaloides</i>		26.0	32AB, 32ADA
<i>Sambucus nigra</i>		25.9	32AA, 32AAA
<i>Epilobium montanum</i>		25.8	
<i>Festuca gigantea</i>		25.7	32AA, 32AAA
<i>Aegopodium podagraria</i>		25.3	32AA, 32AAA, 41
<i>Gymnocarpium dryopteris</i>		25.1	32AD, 32ADA, 32ADB
<i>Alnus glutinosa</i>	Dm	25.1	31, 31AA, 32AA, 32AAA
<i>Sorbus aucuparia</i>		24.7	
<i>Cornus sanguinea</i>		24.7	32AB
<i>Ajuga reptans</i>		24.6	32AA, 32AAA, 32AB

<i>Campanula persicifolia</i>		24.4	32AB, 32BC
<i>Fragaria moschata</i>		24.3	32AB
<i>Bromus benekenii</i>		24.2	32AB
<i>Tilia platyphyllos</i>		23.8	32AC
<i>Hieracium sabaudum</i> agg.		23.2	32AB, 32BC, 33, 33AA
<i>Urtica dioica</i>	C	23.1	32AA, 32AAA, 32AC, 41
<i>Impatiens parviflora</i>		23.0	
<i>Dentaria enneaphyllos</i>		23.0	32AD, 32ADA
<i>Viola riviniana</i>		22.8	32AB
<i>Ranunculus lanuginosus</i>		22.4	32AA, 32AAA
<i>Festuca heterophylla</i>		22.3	32AB
<i>Pyrethrum corymbosum</i>		22.2	32AB, 32BA, 32BC
<i>Polytrichum formosum</i> agg.		22.2	32AE, 35, 35AB
<i>Hordelymus europaeus</i>		21.9	32AD, 32ADA
<i>Crataegus laevigata</i>		21.6	32AB
<i>Myosotis sylvatica</i>		21.5	
<i>Melittis melissophyllum</i>		21.5	32AB
<i>Neottia nidus-avis</i>		21.4	32AB
<i>Symphytum tuberosum</i>		21.3	32AB
<i>Luzula pilosa</i>		21.0	
<i>Lonicera xylosteum</i>		21.0	32AB
<i>Lilium martagon</i>		20.7	32AB
<i>Veronica montana</i>		20.1	32AD, 32ADA
<i>Stellaria nemorum</i>		20.0	32AA, 32AAA
<i>Crataegus monogyna</i>		20.0	32AB, 32BA
<i>Sambucus racemosa</i>		19.8	
<i>Hedera helix</i>		19.6	32AB
<i>Galium schultesii</i>		19.3	32AB
<i>Polygonatum verticillatum</i>		19.1	32AD
<i>Lamium maculatum</i>		18.9	32AA, 32AAA, 32AC
<i>Euonymus europaea</i>		18.9	32AA, 32AAA
<i>Adoxa moschatellina</i>		18.8	32AC
Constant species (23)			
<i>Oxalis acetosella</i>	Dg	49.0	06, 06AA, 06AB, 18, 32AA, 32AAA, 32AC, 32AD, 32ADA, 32ADB, 32ADD, 32AE, 35, 35AB, 35BA
<i>Poa nemoralis</i>	Dg	48.0	29, 32AB, 32AC, 32ADA, 32ADC, 32BA, 32BB, 32BC, 33, 33AA, 36, 37, 37AA, 37AB, 37BA, 41CA
<i>Fagus sylvatica</i>	Dg, Dm	46.0	32AC, 32AD, 32ADA, 32ADB, 32ADC, 32AE
<i>Senecio nemorensis</i> agg.	Dg	41.0	06, 06AA, 06AB, 06BB, 28, 28AA, 32AA, 32AAA, 32AC, 32AD, 32ADA, 32ADB, 32ADC, 32ADD, 32AE, 37, 37AB, 37BA
<i>Galeobdolon luteum</i> agg.	Dg	41.0	32AA, 32AAA, 32AC, 32AD, 32ADA, 32ADB
<i>Viola reichenbachiana</i>	Dg	39.0	32AAB, 32AB, 32AD, 32ADA, 32ADC
<i>Galium odoratum</i>	Dg	39.0	32AB, 32AC, 32AD, 32ADA, 32ADB, 32ADC, 37AB
<i>Mercurialis perennis</i>	Dg	34.0	32AC, 32AD, 32ADA, 32ADB, 32ADC, 37AB
<i>Dryopteris filix-mas</i> agg.	Dg	33.0	06AB, 06BB, 32AC, 32AD, 32ADA, 32ADB
<i>Athyrium filix-femina</i>	Dg	33.0	18, 18AB, 31, 32AA, 32AAA, 32AD, 32ADA, 32ADB, 32ADD
<i>Pulmonaria officinalis</i> agg.	Dg	32.0	32AAB, 32AB, 32AC
<i>Hieracium murorum</i>	Dg	32.0	32AB, 32ADC, 32ADD, 32AE, 32BC, 33, 33AA, 34, 34AA
<i>Carpinus betulus</i>	Dg, Dm	32.0	32AB
<i>Urtica dioica</i>	Dg	31.0	02, 13DA, 21BD, 30, 30AA, 30AC, 31, 31AA, 31BA, 32AA, 32AAA, 32AAB, 32AC, 32ADB, 36, 36AA, 37, 37AB, 37BA, 39AB, 41, 41AA, 41BA, 41CA, 41CB, 41CC
<i>Mycelis muralis</i>	Dg	31.0	32AD, 32ADA, 32ADC, 32ADD, 37AB
<i>Acer pseudoplatanus</i>	Dg	31.0	32AC, 32ADB

<i>Melica nutans</i>	Dg	29.0	32AB, 32ADC, 37AB
<i>Picea abies</i>	Dg	28.0	28, 28AA, 32AD, 32ADB, 32ADD, 32AE, 35, 35AA, 35AB, 35AC, 35AD, 35BA
<i>Geranium robertianum</i>	Dg	28.0	01AB, 03, 18BA, 32AC, 36, 37AB, 41CA
<i>Rubus idaeus</i>	Dg	27.0	03, 06, 06AB, 28, 28AA, 32AAA, 32ADB, 32ADD, 34, 37, 37AA, 37AB, 37AC, 37BA
<i>Quercus petraea</i> agg.	Dg, Dm	27.0	32AB, 32BA, 32BB, 32BC, 33, 33AA
<i>Rubus fruticosus</i> agg.	Dg	26.0	33, 36, 37, 37BA
<i>Impatiens noli-tangere</i>	Dg	26.0	18, 18AA, 18AB, 30, 31, 32AA, 32AAA, 32AC, 32ADB
Dominant species (4)			
<i>Fagus sylvatica</i>	Dg, C	18.0	06BB, 32AC, 32AD, 32ADA, 32ADB, 32ADC, 32ADD, 32AE
<i>Quercus petraea</i> agg.	Dg, C	7.0	32AB, 32BA, 32BB, 32BC, 33, 33AA
<i>Carpinus betulus</i>	Dg, C	5.0	32AB, 32AC
<i>Alnus glutinosa</i>	Dg	5.0	13EA, 31, 31AA, 32AA, 32AAA, 32AAB

Alliance 32AA *Alnion incanae*

Alluvial forests

No. of relevés: 643

Diagnostic species (46)

<i>Alnus glutinosa</i>	C, Dm	64.6	31, 31AA, 32, 32AAA
<i>Stachys sylvatica</i>	C	46.0	32, 32AAA
<i>Fraxinus excelsior</i>	C, Dm	44.1	32, 32AAA, 32AC
<i>Alnus incana</i>	Dm	41.7	32AAA
<i>Festuca gigantea</i>		40.1	32, 32AAA
<i>Prunus padus</i> ssp. <i>padus</i>		38.1	32AAA
<i>Carex remota</i>		37.0	18, 32AAA
<i>Geum urbanum</i>	C	34.8	32, 32AAA, 32AB
<i>Aegopodium podagraria</i>	C	34.6	32, 32AAA, 41
<i>Sambucus nigra</i>		32.8	32, 32AAA
<i>Impatiens noli-tangere</i>	C	32.8	32, 32AAA, 32AC, 32AD, 32ADA
<i>Circaea lutetiana</i>		32.0	32, 32AAA, 32AAB
<i>Brachypodium sylvaticum</i>	C	31.4	32, 32AAA, 32AB
<i>Stellaria nemorum</i>		30.2	32, 32AAA
<i>Plagiomnium undulatum</i>		29.5	32AAA
<i>Carex sylvatica</i>		29.5	32, 32AAA, 32AD, 32ADA
<i>Urtica dioica</i>	C, Dm	28.5	32, 32AAA, 32AC, 41
<i>Ficaria verna</i> ssp. <i>bulbifera</i>		27.6	32AAA
<i>Chaerophyllum hirsutum</i>		26.9	21BB, 32AAA, 41BA
<i>Athyrium filix-femina</i>	C	25.9	32, 32AAA, 32AD, 32ADA
<i>Galeobdolon luteum</i> agg.	C	25.7	32, 32AAA, 32AB, 32AC, 32AD, 32ADA
<i>Ranunculus lanuginosus</i>		25.6	32, 32AAA
<i>Rumex sanguineus</i>		24.9	32AAB
<i>Chrysosplenium alternifolium</i>		24.8	18, 18AB, 32AAA
<i>Lamium maculatum</i>		24.7	32, 32AAA, 32AC
<i>Euonymus europaea</i>		24.6	32, 32AAA
<i>Primula elatior</i>		23.9	32AAA
<i>Oxalis acetosella</i>	C	23.4	32, 32AAA, 32AC, 32AD, 32ADA, 32AE
<i>Ajuga reptans</i>	C	23.2	32, 32AAA, 32AB
<i>Elymus caninus</i>		22.2	32AAA
<i>Asarum europaeum</i>		22.0	32, 32AAA, 32AB, 32AC
<i>Acer pseudoplatanus</i>		21.7	32, 32AAA, 32AC, 32AD, 32ADA
<i>Lysimachia nemorum</i>		21.5	32AAA
<i>Crepis paludosa</i>		21.1	21, 21BB, 21BBA, 32AAA
<i>Rubus idaeus</i>		20.9	32, 32AAA, 32AD, 32ADA, 37
<i>Rubus caesius</i>		20.8	32AAB
<i>Pulmonaria officinalis</i> agg.		20.3	32, 32AB, 32AC
<i>Euphorbia dulcis</i>		20.0	32, 32AAA, 32AB

<i>Anemone nemorosa</i>		19.9	32, 32AAA, 32AB
<i>Cardamine amara</i>		19.2	18, 18AB, 32AAA
<i>Senecio nemorensis</i> agg.	C	18.8	32, 32AAA, 32AC, 32AD, 32ADA
<i>Glechoma hederacea</i> agg.		18.8	
<i>Alliaria petiolata</i>		18.8	32, 32AC
<i>Geranium robertianum</i>		18.6	32, 32AC, 32AD, 32ADA
<i>Equisetum sylvaticum</i>		18.5	32AAA
<i>Cirsium oleraceum</i>		18.5	21, 21BB, 21BBA, 32AAA
Constant species (14)			
<i>Urtica dioica</i>	Dg, Dm	71.0	02, 13DA, 21BD, 30, 30AA, 30AC, 31, 31AA, 31BA, 32, 32AAA, 32AAB, 32AC, 32ADB, 36, 36AA, 37, 37AB, 37BA, 39AB, 41, 41AA, 41BA, 41CA, 41CB, 41CC
<i>Alnus glutinosa</i>	Dg, Dm	69.0	31, 31AA, 32AAA
<i>Aegopodium podagraria</i>	Dg	64.0	30, 30AA, 30AC, 32AAA, 32AAB, 41, 41AA, 41BA, 41CC
<i>Fraxinus excelsior</i>	Dg, Dm	57.0	32AAA, 32AAB, 32AC
<i>Stachys sylvatica</i>	Dg	55.0	32AAA, 32AAB
<i>Oxalis acetosella</i>	Dg	52.0	06, 06AA, 06AB, 18, 32, 32AAA, 32AC, 32AD, 32ADA, 32ADB, 32ADD, 32AE, 35, 35AB, 35BA
<i>Impatiens noli-tangere</i>	Dg	52.0	18, 18AA, 18AB, 30, 31, 32, 32AAA, 32AC, 32ADB
<i>Deschampsia cespitosa</i>		52.0	06, 06AA, 06BC, 18AC, 21, 21AB, 21BA, 21BB, 21BBA, 21BE, 22, 22AD, 28, 31, 31AA, 32AAA, 32AAB, 32ADD, 41CD
<i>Geum urbanum</i>	Dg	48.0	30, 30AC, 32AAA, 32AAB, 32BB, 36
<i>Galeobdolon luteum</i> agg.	Dg	47.0	32, 32AAA, 32AC, 32AD, 32ADA, 32ADB
<i>Athyrium filix-femina</i>	Dg	46.0	18, 18AB, 31, 32, 32AAA, 32AD, 32ADA, 32ADB, 32ADD
<i>Ajuga reptans</i>	Dg	44.0	32AAA
<i>Senecio nemorensis</i> agg.	Dg	42.0	06, 06AA, 06AB, 06BB, 28, 28AA, 32, 32AAA, 32AC, 32AD, 32ADA, 32ADB, 32ADC, 32ADD, 32AE, 37, 37AB, 37BA
<i>Brachypodium sylvaticum</i>	Dg	41.0	32AAB, 37AB
Dominant species (5)			
<i>Alnus glutinosa</i>	Dg, C	28.0	13EA, 31, 31AA, 32, 32AAA, 32AAB
<i>Fraxinus excelsior</i>	Dg, C	7.0	32AAA
<i>Alnus incana</i>	Dg	4.0	32AAA
<i>Urtica dioica</i>	Dg, C	3.0	13DA, 30, 30AA, 30AC, 37BA, 41, 41AA, 41CA, 41CB, 41CC
<i>Carex brizoides</i>		3.0	32AAA

Suballiance 32AAA *Alnenion glutinoso-incanae*

Ash-alder alluvial forests

No. of relevés: 535

Diagnostic species (40)

<i>Alnus glutinosa</i>	C, Dm	64.2	31, 31AA, 32, 32AA
<i>Alnus incana</i>	Dm	44.5	32AA
<i>Stachys sylvatica</i>	C	43.0	32, 32AA
<i>Fraxinus excelsior</i>	C, Dm	41.6	32, 32AA, 32AC
<i>Festuca gigantea</i>	C	37.9	32, 32AA
<i>Carex remota</i>		35.7	18, 32AA
<i>Prunus padus</i> ssp. <i>padus</i>		33.3	32AA
<i>Impatiens noli-tangere</i>	C	32.8	32, 32AA, 32AC, 32AD, 32ADA
<i>Stellaria nemorum</i>		31.8	32, 32AA
<i>Aegopodium podagraria</i>	C	31.8	32, 32AA, 41
<i>Sambucus nigra</i>		30.4	32, 32AA
<i>Chaerophyllum hirsutum</i>	C	29.9	21BB, 32AA, 41BA

<i>Plagiomnium undulatum</i>		29.6	32AA
<i>Geum urbanum</i>	C	29.4	32, 32AA, 32AB
<i>Athyrium filix-femina</i>	C	27.9	32, 32AA, 32AD, 32ADA
<i>Carex sylvatica</i>		26.7	32, 32AA, 32AD, 32ADA
<i>Chrysosplenium alternifolium</i>		26.6	18, 18AB, 32AA
<i>Brachypodium sylvaticum</i>		26.5	32, 32AA, 32AB
<i>Urtica dioica</i>	C	25.7	32, 32AA, 32AC, 41
<i>Circaea lutetiana</i>		25.4	32, 32AA, 32AAB
<i>Galeobdolon luteum</i> agg.	C	24.6	32, 32AA, 32AB, 32AC, 32AD, 32ADA
<i>Oxalis acetosella</i>	C	24.5	32, 32AA, 32AC, 32AD, 32ADA, 32AE
<i>Ficaria verna</i> ssp. <i>bulbifera</i>		24.2	32AA
<i>Lysimachia nemorum</i>		23.8	32AA
<i>Ranunculus lanuginosus</i>		23.5	32, 32AA
<i>Crepis paludosa</i>		23.2	21, 21BB, 21BBA, 32AA
<i>Primula elatior</i>		22.6	32AA
<i>Asarum europaeum</i>		22.4	32, 32AA, 32AB, 32AC
<i>Rubus idaeus</i>	C	22.2	32, 32AA, 32AD, 32ADA, 37
<i>Ajuga reptans</i>	C	21.6	32, 32AA, 32AB
<i>Elymus caninus</i>		21.2	32AA
<i>Cardamine amara</i>		21.2	18, 18AB, 32AA
<i>Acer pseudoplatanus</i>		21.2	32, 32AA, 32AC, 32AD, 32ADA
<i>Senecio nemorensis</i> agg.	C	20.8	32, 32AA, 32AC, 32AD, 32ADA
<i>Equisetum sylvaticum</i>		20.6	32AA
<i>Lamium maculatum</i>		20.4	32, 32AA, 32AC
<i>Euonymus europaea</i>		20.4	32, 32AA
<i>Anemone nemorosa</i>		20.0	32, 32AA, 32AB
<i>Euphorbia dulcis</i>		19.9	32, 32AA, 32AB
<i>Cirsium oleraceum</i>		19.0	21, 21BB, 21BBA, 32AA
Constant species (16)			
<i>Alnus glutinosa</i>	Dg, Dm	75.0	31, 31AA, 32AA
<i>Urtica dioica</i>	Dg	70.0	02, 13DA, 21BD, 30, 30AA, 30AC, 31, 31AA, 31BA, 32, 32AA, 32AAB, 32AC, 32ADB, 36, 36AA, 37, 37AB, 37BA, 39AB, 41, 41AA, 41BA, 41CA, 41CB, 41CC
<i>Aegopodium podagraria</i>	Dg	64.0	30, 30AA, 30AC, 32AA, 32AAB, 41, 41AA, 41BA, 41CC
<i>Oxalis acetosella</i>	Dg	59.0	06, 06AA, 06AB, 18, 32, 32AA, 32AC, 32AD, 32ADA, 32ADB, 32ADD, 32AE, 35, 35AB, 35BA
<i>Fraxinus excelsior</i>	Dg, Dm	59.0	32AA, 32AAB, 32AC
<i>Stachys sylvatica</i>	Dg	57.0	32AA, 32AAB
<i>Impatiens noli-tangere</i>	Dg	56.0	18, 18AA, 18AB, 30, 31, 32, 32AA, 32AC, 32ADB
<i>Athyrium filix-femina</i>	Dg	53.0	18, 18AB, 31, 32, 32AA, 32AD, 32ADA, 32ADB, 32ADD
<i>Deschampsia cespitosa</i>		52.0	06, 06AA, 06BC, 18AC, 21, 21AB, 21BA, 21BB, 21BBA, 21BE, 22, 22AD, 28, 31, 31AA, 32AA, 32AAB, 32ADD, 41CD
<i>Senecio nemorensis</i> agg.	Dg	49.0	06, 06AA, 06AB, 06BB, 28, 28AA, 32, 32AA, 32AC, 32AD, 32ADA, 32ADB, 32ADC, 32ADD, 32AE, 37, 37AB, 37BA
<i>Galeobdolon luteum</i> agg.	Dg	49.0	32, 32AA, 32AC, 32AD, 32ADA, 32ADB
<i>Rubus idaeus</i>	Dg	45.0	03, 06, 06AB, 28, 28AA, 32, 32ADB, 32ADD, 34, 37, 37AA, 37AB, 37AC, 37BA
<i>Geum urbanum</i>	Dg	45.0	30, 30AC, 32AA, 32AAB, 32BB, 36
<i>Chaerophyllum hirsutum</i>	Dg	44.0	06, 06AA, 18, 18AB, 18AC, 28, 28AA, 30, 41BA
<i>Ajuga reptans</i>	Dg	44.0	32AA
<i>Festuca gigantea</i>	Dg	42.0	37AB
Dominant species (4)			
<i>Alnus glutinosa</i>	Dg, C	30.0	13EA, 31, 31AA, 32, 32AA, 32AAB

<i>Fraxinus excelsior</i>	Dg, C	9.0	32AA
<i>Alnus incana</i>	Dg	4.0	32AA
<i>Carex brizoides</i>		3.0	32AA

Suballiance 32AAB *Ulmenion***Hardwood forests of lowland rivers**

No. of relevés: 77

Diagnostic species (14)

<i>Fraxinus angustifolia</i> ssp. <i>danubialis</i>		49.3	30, 30AC
<i>Ulmus minor</i>		29.5	
<i>Epipactis albensis</i>		27.9	
<i>Ulmus laevis</i>		25.7	
<i>Rumex sanguineus</i>		25.6	32AA
<i>Aristolochia clematitis</i>		24.1	
<i>Quercus robur</i>	C, Dm	23.9	32, 32AB
<i>Aster novi-belgii</i> agg.		23.9	
<i>Rubus caesius</i>	C	23.3	32AA
<i>Allium ursinum</i>	Dm	21.2	
<i>Juglans nigra</i>		19.7	
<i>Acer campestre</i>	C	19.5	32, 32AB, 32BA
<i>Circaea lutetiana</i>	C	19.1	32, 32AA, 32AAA
<i>Acer negundo</i>		18.5	

Constant species (17)

<i>Quercus robur</i>	Dg, Dm	78.0	33
<i>Urtica dioica</i>		73.0	02, 13DA, 21BD, 30, 30AA, 30AC, 31, 31AA, 31BA, 32, 32AA, 32AAA, 32AC, 32ADB, 36, 36AA, 37, 37AB, 37BA, 39AB, 41, 41AA, 41BA, 41CA, 41CB, 41CC
<i>Geum urbanum</i>		69.0	30, 30AC, 32AA, 32AAA, 32BB, 36
<i>Aegopodium podagraria</i>		65.0	30, 30AA, 30AC, 32AA, 32AAA, 41, 41AA, 41BA, 41CC
<i>Rubus caesius</i>	Dg	60.0	30
<i>Pulmonaria officinalis</i> agg.		55.0	32, 32AB, 32AC
<i>Tilia cordata</i>		53.0	32AB
<i>Glechoma hederacea</i> agg.		53.0	30, 30AC
<i>Brachypodium sylvaticum</i>		52.0	32AA, 37AB
<i>Circaea lutetiana</i>	Dg	51.0	
<i>Acer campestre</i>	Dg	51.0	32BA, 32BB
<i>Deschampsia cespitosa</i>		48.0	06, 06AA, 06BC, 18AC, 21, 21AB, 21BA, 21BB, 21BBA, 21BE, 22, 22AD, 28, 31, 31AA, 32AA, 32AAA, 32ADD, 41CD
<i>Stachys sylvatica</i>		45.0	32AA, 32AAA
<i>Fraxinus excelsior</i>		45.0	32AA, 32AAA, 32AC
<i>Lysimachia nummularia</i>		43.0	21BC
<i>Viola reichenbachiana</i>		42.0	32, 32AB, 32AD, 32ADA, 32ADC
<i>Galium aparine</i>		42.0	30, 30AA, 30AC, 36, 36AA, 37AB, 39, 39BA, 39BB, 41, 41AA, 41CA, 41CC, 44, 44AA, 44AB, 44BA
Dominant species (3)			
<i>Quercus robur</i>	Dg, C	14.0	32AB, 32BB, 32BC, 33, 33AA
<i>Allium ursinum</i>	Dg	6.0	
<i>Alnus glutinosa</i>		5.0	13EA, 31, 31AA, 32, 32AA, 32AAA

Alliance 32AB Carpinion**Oak-hornbeam forests**

No. of relevés: 758

Diagnostic species (67)

<i>Carpinus betulus</i>	C, Dm	59.6	32, 32AC
<i>Lathyrus vernus</i>	C	48.9	32
<i>Polygonatum multiflorum</i>	C	48.8	32
<i>Tilia cordata</i>	C, Dm	48.7	32
<i>Convallaria majalis</i>	C	46.9	32
<i>Pulmonaria officinalis</i> agg.	C	45.3	32, 32AA, 32AC
<i>Galium sylvaticum</i>	C	45.1	32
<i>Poa nemoralis</i>	C	44.4	32, 32AC, 32AD, 32ADA, 32BC
<i>Dactylis polygama</i>		44.4	32
<i>Melica nutans</i>	C	43.9	32, 32AC
<i>Carex pilosa</i>	Dm	42.1	32
<i>Quercus petraea</i> agg.	C, Dm	41.8	32, 32BC, 33, 33AA
<i>Stellaria holostea</i>	C	41.6	32
<i>Campanula trachelium</i>		39.2	32, 32AC
<i>Quercus robur</i>	Dm	37.7	32, 32AAB
<i>Viola reichenbachiana</i>	C	37.2	32, 32AD, 32ADA
<i>Carex digitata</i>		36.3	32
<i>Maianthemum bifolium</i>	C	34.3	32, 32AD, 32AE
<i>Hieracium murorum</i>	C	34.2	32, 32AD, 32AE, 32BC, 33, 33AA
<i>Festuca heterophylla</i>		34.1	32
<i>Hieracium sabaudum</i> agg.		33.1	32, 32BC, 33, 33AA
<i>Viola riviniana</i>		33.0	32
<i>Hepatica nobilis</i>		32.7	32, 32AC
<i>Neottia nidus-avis</i>		32.6	32
<i>Melampyrum nemorosum</i>		32.6	
<i>Fragaria vesca</i>	C	32.6	32
<i>Lathyrus niger</i>		32.3	32, 32BC
<i>Symphytum tuberosum</i>		31.4	32
<i>Melittis melissophyllum</i>		31.3	32
<i>Corylus avellana</i>		30.3	32, 32AC
<i>Asarum europaeum</i>		30.2	32, 32AA, 32AAA, 32AC
<i>Galium schultesii</i>		30.0	32
<i>Scrophularia nodosa</i>		28.9	32, 32AD, 32ADA
<i>Brachypodium sylvaticum</i>		28.5	32, 32AA, 32AAA
<i>Sanicula europaea</i>		28.4	32, 32AD, 32ADA
<i>Acer campestre</i>		28.0	32, 32AAB, 32BA
<i>Fragaria moschata</i>		27.8	32
<i>Galium odoratum</i>	C	27.3	32, 32AC, 32AD, 32ADA
<i>Crataegus laevigata</i>		26.0	32
<i>Campanula persicifolia</i>		26.0	32, 32BC
<i>Geum urbanum</i>		25.9	32, 32AA, 32AAA
<i>Euphorbia amygdaloides</i>		24.8	32, 32ADA
<i>Anemone nemorosa</i>		24.1	32, 32AA, 32AAA
<i>Daphne mezereum</i>		23.5	32, 32AD
<i>Hacquetia epipactis</i>		23.1	
<i>Cornus sanguinea</i>		23.1	32
<i>Euphorbia dulcis</i>		23.0	32, 32AA, 32AAA
<i>Carex montana</i>		22.5	32BC
<i>Melica uniflora</i>		22.3	32, 32AD, 32ADA
<i>Mycelis muralis</i>		21.8	32, 32AD, 32ADA
<i>Atrichum undulatum</i>		21.5	32
<i>Lilium martagon</i>		21.4	32
<i>Bromus benekenii</i>		21.0	32
<i>Ajuga reptans</i>		21.0	32, 32AA, 32AAA
<i>Viola mirabilis</i>		20.7	

<i>Betula pendula</i>		20.7	33, 33AA, 35AA
<i>Melampyrum pratense</i>		20.4	33, 33AA
<i>Hypericum hirsutum</i>		20.4	
<i>Pyrethrum corymbosum</i>		20.1	32, 32BA, 32BC
<i>Hedera helix</i>		19.1	32
<i>Galeobdolon luteum</i> agg.		19.1	32, 32AA, 32AAA, 32AC, 32AD, 32ADA
<i>Campanula rapunculoides</i>		18.6	44
<i>Crataegus monogyna</i>		18.5	32, 32BA
<i>Lonicera xylosteum</i>		18.4	32
<i>Luzula luzuloides</i>		18.3	32, 32AE, 33, 33AA
<i>Hieracium lachenalii</i>		18.3	32BC, 33, 33AA
<i>Platanthera bifolia</i>		18.0	
Constant species (17)			
<i>Poa nemoralis</i>	Dg	82.0	29, 32, 32AC, 32ADA, 32ADC, 32BA, 32BB, 32BC, 33, 33AA, 36, 37, 37AA, 37AB, 37BA, 41CA
<i>Carpinus betulus</i>	Dg, Dm	82.0	32
<i>Pulmonaria officinalis</i> agg.	Dg	62.0	32, 32AAB, 32AC
<i>Quercus petraea</i> agg.	Dg, Dm	59.0	32, 32BA, 32BB, 32BC, 33, 33AA
<i>Melica nutans</i>	Dg	59.0	32, 32ADC, 37AB
<i>Viola reichenbachiana</i>	Dg	57.0	32, 32AAB, 32AD, 32ADA, 32ADC
<i>Tilia cordata</i>	Dg, Dm	57.0	32AAB
<i>Lathyrus vernus</i>	Dg	56.0	32ADC
<i>Hieracium murorum</i>	Dg	53.0	32, 32ADC, 32ADD, 32AE, 32BC, 33, 33AA, 34, 34AA
<i>Polygonatum multiflorum</i>	Dg	49.0	
<i>Fragaria vesca</i>	Dg	48.0	21ACB, 32ADC, 32BB, 37AB
<i>Convallaria majalis</i>	Dg	47.0	32BB, 33
<i>Stellaria holostea</i>	Dg	46.0	
<i>Maianthemum bifolium</i>	Dg	46.0	32ADD, 35BA
<i>Galium odoratum</i>	Dg	45.0	32, 32AC, 32AD, 32ADA, 32ADB, 32ADC, 37AB
<i>Veronica chamaedrys</i> agg.		43.0	21, 21AA, 21AB, 21AC, 21ACA, 22, 22AB, 32BB, 32BC
<i>Galium sylvaticum</i>	Dg	42.0	
Dominant species (5)			
<i>Carpinus betulus</i>	Dg, C	20.0	32, 32AC
<i>Quercus petraea</i> agg.	Dg, C	14.0	32, 32BA, 32BB, 32BC, 33, 33AA
<i>Quercus robur</i>	Dg	6.0	32AAB, 32BB, 32BC, 33, 33AA
<i>Carex pilosa</i>	Dg	5.0	
<i>Tilia cordata</i>	Dg, C	4.0	

Alliance 32AC *Tilio-Acerion***Ravine forests**

No. of relevés: 422

Diagnostic species (31)

<i>Mercurialis perennis</i>	C, Dm	39.4	32, 32AD, 32ADA
<i>Acer pseudoplatanus</i>	C, Dm	39.4	32, 32AA, 32AAA, 32AD, 32ADA
<i>Ulmus glabra</i>		39.1	32
<i>Dryopteris filix-mas</i> agg.	C	37.6	32, 32AD, 32ADA
<i>Galeobdolon luteum</i> agg.	C	34.9	32, 32AA, 32AAA, 32AB, 32AD, 32ADA
<i>Geranium robertianum</i>	C	34.8	32, 32AA, 32AD, 32ADA
<i>Acer platanoides</i>		33.7	32
<i>Tilia platyphyllos</i>		31.9	32
<i>Lunaria rediviva</i>	Dm	31.7	
<i>Actaea spicata</i>		31.7	32, 32AD, 32ADA
<i>Galium odoratum</i>	C	27.1	32, 32AB, 32AD, 32ADA
<i>Fraxinus excelsior</i>	C	24.9	32, 32AA, 32AAA
<i>Pulmonaria officinalis</i> agg.	C	23.6	32, 32AA, 32AB
<i>Impatiens noli-tangere</i>	C	22.7	32, 32AA, 32AAA, 32AD, 32ADA

<i>Asarum europaeum</i>		22.2	32, 32AA, 32AAA, 32AB
<i>Poa nemoralis</i>	C	21.1	32, 32AB, 32AD, 32ADA, 32BC
<i>Ribes alpinum</i>		20.6	
<i>Hepatica nobilis</i>		20.6	32, 32AB
<i>Corylus avellana</i>		20.6	32, 32AB
<i>Alliaria petiolata</i>		20.4	32, 32AA
<i>Fagus sylvatica</i>	C, Dm	19.8	32, 32AD, 32ADA, 32AE
<i>Oxalis acetosella</i>	C	19.7	32, 32AA, 32AAA, 32AD, 32ADA, 32AE
<i>Melica nutans</i>		19.6	32, 32AB
<i>Aruncus vulgaris</i>		19.6	
<i>Senecio nemorensis</i> agg.	C	19.2	32, 32AA, 32AAA, 32AD, 32ADA
<i>Lamium maculatum</i>		19.0	32, 32AA, 32AAA
<i>Carpinus betulus</i>	Dm	18.8	32, 32AB
<i>Polystichum aculeatum</i>		18.6	
<i>Campanula trachelium</i>		18.6	32, 32AB
<i>Urtica dioica</i>	C	18.5	32, 32AA, 32AAA, 41
<i>Adoxa moschatellina</i>		18.4	32
Constant species (14)			
<i>Mercurialis perennis</i>	Dg, Dm	74.0	32, 32AD, 32ADA, 32ADB, 32ADC, 37AB
<i>Galeobdolon luteum</i> agg.	Dg	74.0	32, 32AA, 32AAA, 32AD, 32ADA, 32ADB
<i>Dryopteris filix-mas</i> agg.	Dg	73.0	06AB, 06BB, 32, 32AD, 32ADA, 32ADB
<i>Acer pseudoplatanus</i>	Dg, Dm	70.0	32, 32ADB
<i>Geranium robertianum</i>	Dg	66.0	01AB, 03, 18BA, 32, 36, 37AB, 41CA
<i>Urtica dioica</i>	Dg	60.0	02, 13DA, 21BD, 30, 30AA, 30AC, 31, 31AA, 31BA, 32, 32AA, 32AAA, 32AAB, 32ADB, 36, 36AA, 37, 37AB, 37BA, 39AB, 41, 41AA, 41BA, 41CA, 41CB, 41CC
<i>Galium odoratum</i>	Dg	57.0	32, 32AB, 32AD, 32ADA, 32ADB, 32ADC, 37AB
<i>Poa nemoralis</i>	Dg	56.0	29, 32, 32AB, 32ADA, 32ADC, 32BA, 32BB, 32BC, 33, 33AA, 36, 37, 37AA, 37AB, 37BA, 41CA
<i>Oxalis acetosella</i>	Dg	54.0	06, 06AA, 06AB, 18, 32, 32AA, 32AAA, 32AD, 32ADA, 32ADB, 32ADD, 32AE, 35, 35AB, 35BA
<i>Senecio nemorensis</i> agg.	Dg	51.0	06, 06AA, 06AB, 06BB, 28, 28AA, 32, 32AA, 32AAA, 32AD, 32ADA, 32ADB, 32ADC, 32ADD, 32AE, 37, 37AB, 37BA
<i>Fagus sylvatica</i>	Dg, Dm	48.0	32, 32AD, 32ADA, 32ADB, 32ADC, 32AE
<i>Pulmonaria officinalis</i> agg.	Dg	45.0	32, 32AAB, 32AB
<i>Impatiens noli-tangere</i>	Dg	45.0	18, 18AA, 18AB, 30, 31, 32, 32AA, 32AAA, 32ADB
<i>Fraxinus excelsior</i>	Dg	41.0	32AA, 32AAA, 32AAB
Dominant species (5)			
<i>Acer pseudoplatanus</i>	Dg, C	10.0	32ADB
<i>Lunaria rediviva</i>	Dg	6.0	
<i>Carpinus betulus</i>	Dg	6.0	32, 32AB
<i>Mercurialis perennis</i>	Dg, C	4.0	32ADD, 32BB
<i>Fagus sylvatica</i>	Dg, C	3.0	06BB, 32, 32AD, 32ADA, 32ADB, 32ADC, 32ADD, 32AE

Alliance 32AD Fagion

Beech forests

No. of relevés: 977

Diagnostic species (40)

<i>Fagus sylvatica</i>	C, Dm	63.3	32, 32AC, 32ADA, 32AE
<i>Galium odoratum</i>	C	52.0	32, 32AB, 32AC, 32ADA
<i>Oxalis acetosella</i>	C	48.0	32, 32AA, 32AAA, 32AC, 32ADA, 32AE
<i>Dryopteris filix-mas</i> agg.	C	47.4	32, 32AC, 32ADA
<i>Dentaria bulbifera</i>		44.8	32, 32ADA

<i>Festuca altissima</i>		41.9	32, 32ADA
<i>Mercurialis perennis</i>	C	41.8	32, 32AC, 32ADA
<i>Senecio nemorensis</i> agg.	C	41.4	32, 32AA, 32AAA, 32AC, 32ADA
<i>Viola reichenbachiana</i>	C	40.6	32, 32AB, 32ADA
<i>Prenanthes purpurea</i>		40.6	32, 32ADA, 32AE
<i>Mycelis muralis</i>	C	40.4	32, 32AB, 32ADA
<i>Athyrium filix-femina</i>	C	40.3	32, 32AA, 32AAA, 32ADA
<i>Galeobdolon luteum</i> agg.	C	39.2	32, 32AA, 32AAA, 32AB, 32AC, 32ADA
<i>Gymnocarpium dryopteris</i>		36.7	32, 32ADA, 32ADB
<i>Actaea spicata</i>		35.7	32, 32AC, 32ADA
<i>Dentaria enneaphyllos</i>		35.6	32, 32ADA
<i>Abies alba</i>		35.6	32, 32ADA, 32AE
<i>Hordelymus europaeus</i>		35.0	32, 32ADA
<i>Acer pseudoplatanus</i>		31.1	32, 32AA, 32AAA, 32AC, 32ADA
<i>Dryopteris dilatata</i>		27.3	32, 32ADA, 32AE, 35, 35AB
<i>Paris quadrifolia</i>		26.6	32, 32ADA
<i>Milium effusum</i>		26.3	32, 32ADA
<i>Dryopteris carthusiana</i>		25.8	32, 32ADA
<i>Veronica montana</i>		25.6	32, 32ADA
<i>Sanicula europaea</i>		25.6	32, 32AB, 32ADA
<i>Picea abies</i>	C, Dm	25.6	32, 32AE, 35, 35AB
<i>Geranium robertianum</i>		25.2	32, 32AA, 32AC, 32ADA
<i>Rubus idaeus</i>		24.7	32, 32AA, 32AAA, 32ADA, 37
<i>Impatiens noli-tangere</i>		24.1	32, 32AA, 32AAA, 32AC, 32ADA
<i>Rubus fruticosus</i> agg.		23.4	32, 32ADA
<i>Carex sylvatica</i>		23.2	32, 32AA, 32AAA, 32ADA
<i>Melica uniflora</i>		23.1	32, 32AB, 32ADA
<i>Moehringia trinervia</i>		22.7	32, 32ADA
<i>Hieracium murorum</i>		20.3	32, 32AB, 32AE, 32BC, 33, 33AA
<i>Maianthemum bifolium</i>		19.8	32, 32AB, 32AE
<i>Poa nemoralis</i>		19.7	32, 32AB, 32AC, 32ADA, 32BC
<i>Polygonatum verticillatum</i>		19.5	32
<i>Daphne mezereum</i>		18.6	32, 32AB
<i>Scrophularia nodosa</i>		18.5	32, 32AB, 32ADA
<i>Petasites albus</i>		18.5	
Constant species (11)			
<i>Fagus sylvatica</i>	Dg, Dm	91.0	32, 32AC, 32ADA, 32ADB, 32ADC, 32AE
<i>Oxalis acetosella</i>	Dg	79.0	06, 06AA, 06AB, 18, 32, 32AA, 32AAA, 32AC, 32ADA, 32ADB, 32ADD, 32AE, 35, 35AB, 35BA
<i>Galium odoratum</i>	Dg	70.0	32, 32AB, 32AC, 32ADA, 32ADB, 32ADC, 37AB
<i>Senecio nemorensis</i> agg.	Dg	67.0	06, 06AA, 06AB, 06BB, 28, 28AA, 32, 32AA, 32AAA, 32AC, 32ADA, 32ADB, 32ADC, 32ADD, 32AE, 37, 37AB, 37BA
<i>Dryopteris filix-mas</i> agg.	Dg	61.0	06AB, 06BB, 32, 32AC, 32ADA, 32ADB
<i>Galeobdolon luteum</i> agg.	Dg	56.0	32, 32AA, 32AAA, 32AC, 32ADA, 32ADB
<i>Athyrium filix-femina</i>	Dg	56.0	18, 18AB, 31, 32, 32AA, 32AAA, 32ADA, 32ADB, 32ADD
<i>Viola reichenbachiana</i>	Dg	55.0	32, 32AAB, 32AB, 32ADA, 32ADC
<i>Mercurialis perennis</i>	Dg	53.0	32, 32AC, 32ADA, 32ADB, 32ADC, 37AB
<i>Mycelis muralis</i>	Dg	51.0	32, 32ADA, 32ADC, 32ADD, 37AB
<i>Picea abies</i>	Dg, Dm	41.0	28, 28AA, 32, 32ADB, 32ADD, 32AE, 35, 35AA, 35AB, 35AC, 35AD, 35BA
Dominant species (2)			
<i>Fagus sylvatica</i>	Dg, C	48.0	06BB, 32, 32AC, 32ADA, 32ADB, 32ADC, 32ADD, 32AE
<i>Picea abies</i>	Dg, C	4.0	32ADB, 32ADD, 32AE, 35, 35AB, 35AD, 35BA

Suballiance 32ADA Eu-Fagenion**Herb-rich beech forests**

No. of relevés: 760

Diagnostic species (35)

<i>Fagus sylvatica</i>	C, Dm	60.1	32, 32AC, 32AD, 32AE
<i>Galium odoratum</i>	C	52.0	32, 32AB, 32AC, 32AD
<i>Dentaria bulbifera</i>	C	48.8	32, 32AD
<i>Dryopteris filix-mas</i> agg.	C	46.1	32, 32AC, 32AD
<i>Oxalis acetosella</i>	C	42.6	32, 32AA, 32AAA, 32AC, 32AD, 32AE
<i>Festuca altissima</i>		41.2	32, 32AD
<i>Viola reichenbachiana</i>	C	40.8	32, 32AB, 32AD
<i>Mercurialis perennis</i>	C	39.8	32, 32AC, 32AD
<i>Mycelis muralis</i>	C	38.2	32, 32AB, 32AD
<i>Hordelymus europaeus</i>		38.1	32, 32AD
<i>Dentaria enneaphyllos</i>		37.2	32, 32AD
<i>Senecio nemorensis</i> agg.	C	36.7	32, 32AA, 32AAA, 32AC, 32AD
<i>Galeobdolon luteum</i> agg.	C	36.6	32, 32AA, 32AAA, 32AB, 32AC, 32AD
<i>Prenanthes purpurea</i>		36.4	32, 32AD, 32AE
<i>Athyrium filix-femina</i>	C	36.3	32, 32AA, 32AAA, 32AD
<i>Actaea spicata</i>		32.9	32, 32AC, 32AD
<i>Gymnocarpium dryopteris</i>		31.3	32, 32AD, 32ADB
<i>Abies alba</i>		27.7	32, 32AD, 32AE
<i>Acer pseudoplatanus</i>		27.6	32, 32AA, 32AAA, 32AC, 32AD
<i>Paris quadrifolia</i>		26.7	32, 32AD
<i>Veronica montana</i>		26.2	32, 32AD
<i>Milium effusum</i>		25.7	32, 32AD
<i>Melica uniflora</i>		25.4	32, 32AB, 32AD
<i>Sanicula europaea</i>		25.0	32, 32AB, 32AD
<i>Carex sylvatica</i>		24.8	32, 32AA, 32AAA, 32AD
<i>Geranium robertianum</i>		24.1	32, 32AA, 32AC, 32AD
<i>Impatiens noli-tangere</i>		23.7	32, 32AA, 32AAA, 32AC, 32AD
<i>Dryopteris carthusiana</i>		23.3	32, 32AD
<i>Rubus fruticosus</i> agg.		22.4	32, 32AD
<i>Dryopteris dilatata</i>		22.4	32, 32AD, 32AE, 35, 35AB
<i>Moehringia trinervia</i>		21.9	32, 32AD
<i>Rubus idaeus</i>		19.5	32, 32AA, 32AAA, 32AD, 37
<i>Euphorbia amygdaloides</i>		19.5	32, 32AB
<i>Poa nemoralis</i>	C	19.0	32, 32AB, 32AC, 32AD, 32BC
<i>Scrophularia nodosa</i>		18.5	32, 32AB, 32AD
Constant species (12)			
<i>Fagus sylvatica</i>	Dg, Dm	98.0	32, 32AC, 32AD, 32ADB, 32ADC, 32AE
<i>Oxalis acetosella</i>	Dg	80.0	06, 06AA, 06AB, 18, 32, 32AA, 32AAA, 32AC, 32AD, 32ADB, 32ADD, 32AE, 35, 35AB, 35BA
<i>Galium odoratum</i>	Dg	78.0	32, 32AB, 32AC, 32AD, 32ADB, 32ADC, 37AB
<i>Senecio nemorensis</i> agg.	Dg	68.0	06, 06AA, 06AB, 06BB, 28, 28AA, 32, 32AA, 32AAA, 32AC, 32AD, 32ADB, 32ADC, 32ADD, 32AE, 37, 37AB, 37BA
<i>Dryopteris filix-mas</i> agg.	Dg	67.0	06AB, 06BB, 32, 32AC, 32AD, 32ADB
<i>Viola reichenbachiana</i>	Dg	62.0	32, 32AAB, 32AB, 32AD, 32ADC
<i>Galeobdolon luteum</i> agg.	Dg	59.0	32, 32AA, 32AAA, 32AC, 32AD, 32ADB
<i>Mercurialis perennis</i>	Dg	57.0	32, 32AC, 32AD, 32ADB, 32ADC, 37AB
<i>Athyrium filix-femina</i>	Dg	57.0	18, 18AB, 31, 32, 32AA, 32AAA, 32AD, 32ADB, 32ADD
<i>Mycelis muralis</i>	Dg	54.0	32, 32AD, 32ADC, 32ADD, 37AB
<i>Dentaria bulbifera</i>	Dg	44.0	
<i>Poa nemoralis</i>	Dg	41.0	29, 32, 32AB, 32AC, 32ADC, 32BA, 32BB, 32BC, 33, 33AA, 36, 37, 37AA, 37AB, 37BA, 41CA
Dominant species (1)			
<i>Fagus sylvatica</i>	Dg, C	55.0	06BB, 32, 32AC, 32AD, 32ADB, 32ADC, 32ADD, 32AE

Suballiance 32ADB *Acerenion***Montane sycamore-beech forests**

No. of relevés: 36

Diagnostic species (5)

<i>Circaea alpina</i>	C	23.6	
<i>Cicerbita alpina</i>	C	23.3	06, 06AA, 06AB
<i>Phegopteris connectilis</i>	C	20.4	
<i>Grimmia hartmannii</i>		19.2	
<i>Gymnocarpium dryopteris</i>	C	18.3	32, 32AD, 32ADA
Constant species (22)			
<i>Senecio nemorensis</i> agg.		89.0	06, 06AA, 06AB, 06BB, 28, 28AA, 32, 32AA, 32AAA, 32AC, 32AD, 32ADA, 32ADC, 32ADD, 32AE, 37, 37AB, 37BA
<i>Oxalis acetosella</i>		89.0	06, 06AA, 06AB, 18, 32, 32AA, 32AAA, 32AC, 32AD, 32ADA, 32ADD, 32AE, 35, 35AB, 35BA
<i>Fagus sylvatica</i>	Dm	86.0	32, 32AC, 32AD, 32ADA, 32ADC, 32AE
<i>Acer pseudoplatanus</i>	Dm	86.0	32, 32AC
<i>Stellaria nemorum</i>	Dm	81.0	06, 06AA, 06AB, 18, 35BA, 41BA
<i>Athyrium filix-femina</i>		81.0	18, 18AB, 31, 32, 32AA, 32AAA, 32AD, 32ADA, 32ADD
<i>Dryopteris filix-mas</i> agg.		72.0	06AB, 06BB, 32, 32AC, 32AD, 32ADA
<i>Prenanthes purpurea</i>		67.0	28, 28AA
<i>Picea abies</i>	Dm	67.0	28, 28AA, 32, 32AD, 32ADD, 32AE, 35, 35AA, 35AB, 35AC, 35AD, 35BA
<i>Galeobdolon luteum</i> agg.		67.0	32, 32AA, 32AAA, 32AC, 32AD, 32ADA
<i>Gymnocarpium dryopteris</i>	Dg	64.0	
<i>Milium effusum</i>		58.0	28, 28AA, 37AB
<i>Rubus idaeus</i>		56.0	03, 06, 06AB, 28, 28AA, 32, 32AAA, 32ADD, 34, 37, 37AA, 37AB, 37AC, 37BA
<i>Petasites albus</i>		53.0	06AA, 41BA
<i>Urtica dioica</i>		50.0	02, 13DA, 21BD, 30, 30AA, 30AC, 31, 31AA, 31BA, 32, 32AA, 32AAA, 32AAB, 32AC, 36, 36AA, 37, 37AB, 37BA, 39AB, 41, 41AA, 41BA, 41CA, 41CB, 41CC
<i>Phegopteris connectilis</i>	Dg	50.0	
<i>Impatiens noli-tangere</i>		50.0	18, 18AA, 18AB, 30, 31, 32, 32AA, 32AAA, 32AC
<i>Lysimachia nemorum</i>		47.0	18AA
<i>Mercurialis perennis</i>		44.0	32, 32AC, 32AD, 32ADA, 32ADC, 37AB
<i>Galium odoratum</i>		44.0	32, 32AB, 32AC, 32AD, 32ADA, 32ADC, 37AB
<i>Circaea alpina</i>	Dg	44.0	
<i>Cicerbita alpina</i>	Dg	44.0	
Dominant species (4)			
<i>Fagus sylvatica</i>	C	22.0	06BB, 32, 32AC, 32AD, 32ADA, 32ADC, 32ADD, 32AE
<i>Acer pseudoplatanus</i>	C	11.0	32AC
<i>Stellaria nemorum</i>	C	6.0	06AA
<i>Picea abies</i>	C	6.0	32AD, 32ADD, 32AE, 35, 35AB, 35AD, 35BA

Suballiance 32ADC *Cephalanthero-Fagenion***Limestone beech forests**

No. of relevés: 42

Diagnostic species (4)

<i>Cephalanthera damasonium</i>		34.4	
<i>Cephalanthera rubra</i>		26.7	
<i>Corallorrhiza trifida</i>		20.5	
<i>Epipactis helleborine</i>		19.2	

Constant species (16)

<i>Hieracium murorum</i>		74.0	32, 32AB, 32ADD, 32AE, 32BC, 33, 33AA, 34, 34AA
<i>Melica nutans</i>		67.0	32, 32AB, 37AB
<i>Fagus sylvatica</i>	Dm	67.0	32, 32AC, 32AD, 32ADA, 32ADB, 32AE
<i>Mercurialis perennis</i>		64.0	32, 32AC, 32AD, 32ADA, 32ADB, 37AB
<i>Lathyrus vernus</i>		64.0	32AB
<i>Hepatica nobilis</i>		62.0	
<i>Carex digitata</i>		60.0	
<i>Viola reichenbachiana</i>		57.0	32, 32AAB, 32AB, 32AD, 32ADA
<i>Senecio nemorensis</i> agg.		57.0	06, 06AA, 06AB, 06BB, 28, 28AA, 32, 32AA, 32AAA, 32AC, 32AD, 32ADA, 32ADB, 32ADD, 32AE, 37, 37AB, 37BA
<i>Poa nemoralis</i>		57.0	29, 32, 32AB, 32AC, 32ADA, 32BA, 32BB, 32BC, 33, 33AA, 36, 37, 37AA, 37AB, 37BA, 41CA
<i>Mycelis muralis</i>		57.0	32, 32AD, 32ADA, 32ADD, 37AB
<i>Fragaria vesca</i>		55.0	21ACB, 32AB, 32BB, 37AB
<i>Galium odoratum</i>		50.0	32, 32AB, 32AC, 32AD, 32ADA, 32ADB, 37AB
<i>Daphne mezereum</i>		48.0	
<i>Abies alba</i>	Dm	48.0	32ADD
<i>Actaea spicata</i>		45.0	
Dominant species (3)			
<i>Fagus sylvatica</i>	C	26.0	06BB, 32, 32AC, 32AD, 32ADA, 32ADB, 32ADD, 32AE
<i>Abies alba</i>	C	14.0	32ADD
<i>Pinus sylvestris</i>		5.0	33, 33AA, 34, 34AA, 35, 35AA, 35AD

Suballiance 32ADD Galio-Abietenion

Mesic fir forests

No. of relevés: 31

Diagnostic species (1)

<i>Soldanella montana</i>	C	24.6	
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Constant species (18)

<i>Picea abies</i>	Dm	97.0	28, 28AA, 32, 32AD, 32ADB, 32AE, 35, 35AA, 35AB, 35AC, 35AD, 35BA
<i>Oxalis acetosella</i>	Dm	87.0	06, 06AA, 06AB, 18, 32, 32AA, 32AAA, 32AC, 32AD, 32ADA, 32ADB, 32AE, 35, 35AB, 35BA
<i>Rubus idaeus</i>		77.0	03, 06, 06AB, 28, 28AA, 32, 32AAA, 32ADB, 34, 37, 37AA, 37AB, 37AC, 37BA
<i>Maianthemum bifolium</i>		71.0	32AB, 35BA
<i>Abies alba</i>	Dm	71.0	32ADC
<i>Vaccinium myrtillus</i>		68.0	04, 04AA, 04AB, 05, 05AA, 06, 06BA, 06BB, 20, 20AA, 20AB, 22, 22AA, 22AD, 22BA, 22BC, 28, 28AA, 32AE, 33, 33AA, 35, 35AA, 35AB, 35AC, 35AD, 35BA, 37, 37AC
<i>Athyrium filix-femina</i>		68.0	18, 18AB, 31, 32, 32AA, 32AAA, 32AD, 32ADA, 32ADB
<i>Senecio nemorensis</i> agg.		65.0	06, 06AA, 06AB, 06BB, 28, 28AA, 32, 32AA, 32AAA, 32AC, 32AD, 32ADA, 32ADB, 32ADC, 32AE, 37, 37AB, 37BA
<i>Hieracium murorum</i>		61.0	32, 32AB, 32ADC, 32AE, 32BC, 33, 33AA, 34, 34AA
<i>Luzula pilosa</i>		58.0	
<i>Deschampsia cespitosa</i>		58.0	06, 06AA, 06BC, 18AC, 21, 21AB, 21BA, 21BB, 21BBA, 21BE, 22, 22AD, 28, 31, 31AA, 32AA, 32AAA, 32AAB, 41CD
<i>Polytrichum formosum</i> agg.		52.0	05, 05AA, 32AE, 33, 35, 35AB, 35BA
<i>Dicranum scoparium</i>		52.0	35, 35AB

<i>Avenella flexuosa</i>		52.0	03AA, 04, 04AA, 04AB, 06, 06BA, 06BB, 06BC, 22, 22AA, 22AC, 22AD, 22BA, 22BC, 28, 32AE, 33, 33AA, 35, 35AA, 35AB, 35AC, 35BA, 37, 37AC
<i>Mycelis muralis</i>		48.0	32, 32AD, 32ADA, 32ADC, 37AB
<i>Sorbus aucuparia</i>		45.0	28, 28AA, 33, 35BA
<i>Soldanella montana</i>	Dg	45.0	
<i>Equisetum sylvaticum</i>	Dm	42.0	05, 05AA, 28
Dominant species (11)			
<i>Picea abies</i>	C	23.0	32AD, 32ADB, 32AE, 35, 35AB, 35AD, 35BA
<i>Oxalis acetosella</i>	C	10.0	35BA
<i>Plagiomnium affine</i> agg.		3.0	
<i>Petasites albus</i>		3.0	06, 06AA, 06AB, 18, 18AB, 41, 41BA
<i>Mercurialis perennis</i>		3.0	32AC, 32BB
<i>Melica nutans</i>		3.0	
<i>Fagus sylvatica</i>		3.0	06BB, 32, 32AC, 32AD, 32ADA, 32ADB, 32ADC, 32AE
<i>Equisetum sylvaticum</i>	C	3.0	
<i>Dryopteris carthusiana</i>		3.0	
<i>Calamagrostis villosa</i>		3.0	06, 06BA, 28, 28AA, 35, 35AB, 35AC, 35AD, 37, 37AC
<i>Abies alba</i>	C	3.0	32ADC

Alliance 32AE *Luzulo-Fagion*

Acidophilous beech forests

No. of relevés: 451

Diagnostic species (14)

<i>Fagus sylvatica</i>	C, Dm	39.2	32, 32AC, 32AD, 32ADA
<i>Luzula luzuloides</i>	C, Dm	27.1	32, 32AB, 33, 33AA
<i>Picea abies</i>	C, Dm	26.9	32, 32AD, 35, 35AB
<i>Abies alba</i>		25.7	32, 32AD, 32ADA
<i>Prenanthes purpurea</i>		25.6	32, 32AD, 32ADA
<i>Vaccinium myrtillus</i>	C	25.1	22, 33, 33AA, 35, 35AA, 35AB
<i>Oxalis acetosella</i>	C	24.9	32, 32AA, 32AAA, 32AC, 32AD, 32ADA
<i>Avenella flexuosa</i>	C, Dm	24.1	22, 33, 33AA, 35, 35AB
<i>Polytrichum formosum</i> agg.	C	23.9	32, 35, 35AB
<i>Dryopteris dilatata</i>		23.9	32, 32AD, 32ADA, 35, 35AB
<i>Hieracium murorum</i>	C	23.1	32, 32AB, 32AD, 32BC, 33, 33AA
<i>Maianthemum bifolium</i>		20.4	32, 32AB, 32AD
<i>Calamagrostis arundinacea</i>	Dm	19.1	32
<i>Dicranum scoparium</i>		19.0	35, 35AB

Constant species (9)

<i>Fagus sylvatica</i>	Dg, Dm	84.0	32, 32AC, 32AD, 32ADA, 32ADB, 32ADC
<i>Oxalis acetosella</i>	Dg	64.0	06, 06AA, 06AB, 18, 32, 32AA, 32AAA, 32AC, 32AD, 32ADA, 32ADB, 32ADD, 35, 35AB, 35BA
<i>Picea abies</i>	Dg, Dm	59.0	28, 28AA, 32, 32AD, 32ADB, 32ADD, 35, 35AA, 35AB, 35AC, 35AD, 35BA
<i>Vaccinium myrtillus</i>	Dg	58.0	04, 04AA, 04AB, 05, 05AA, 06, 06BA, 06BB, 20, 20AA, 20AB, 22, 22AA, 22AD, 22BA, 22BC, 28, 28AA, 32ADD, 33, 33AA, 35, 35AA, 35AB, 35AC, 35AD, 35BA, 37, 37AC
<i>Avenella flexuosa</i>	Dg, Dm	57.0	03AA, 04, 04AA, 04AB, 06, 06BA, 06BB, 06BC, 22, 22AA, 22AC, 22AD, 22BA, 22BC, 28, 32ADD, 33, 33AA, 35, 35AA, 35AB, 35AC, 35BA, 37, 37AC
<i>Luzula luzuloides</i>	Dg, Dm	54.0	06, 06BA, 06BB, 06BC, 22BC, 28, 28AA, 33, 33AA, 37AB
<i>Hieracium murorum</i>	Dg	48.0	32, 32AB, 32ADC, 32ADD, 32BC, 33, 33AA, 34, 34AA

<i>Polytrichum formosum</i> agg.	Dg	42.0	05, 05AA, 32ADD, 33, 35, 35AB, 35BA
<i>Senecio nemorensis</i> agg.		41.0	06, 06AA, 06AB, 06BB, 28, 28AA, 32, 32AA, 32AAA, 32AC, 32AD, 32ADA, 32ADB, 32ADC, 32ADD, 37, 37AB, 37BA
Dominant species (5)			
<i>Fagus sylvatica</i>	Dg, C	41.0	06BB, 32, 32AC, 32AD, 32ADA, 32ADB, 32ADC, 32ADD
<i>Picea abies</i>	Dg, C	7.0	32AD, 32ADB, 32ADD, 35, 35AB, 35AD, 35BA
<i>Calamagrostis arundinacea</i>	Dg	7.0	06, 06BB, 22BC, 27AB
<i>Avenella flexuosa</i>	Dg, C	4.0	04, 04AA, 04AB, 06BA, 06BC, 22, 22AB, 22AD, 22BC, 35, 35AA, 35AB, 35AC, 37, 37AC
<i>Luzula luzuloides</i>	Dg, C	3.0	06BA, 33, 33AA

Alliance 32BA *Quercion pubescenti-petraeae*

Peri-Alpidic basiphilous thermophilous oak forests

No. of relevés: 105

Diagnostic species (20)

<i>Quercus pubescens</i> agg.	C, Dm	63.5	32BB
<i>Lithospermum purpurocaeruleum</i>	C	49.6	32BB
<i>Cornus mas</i>	C, Dm	43.9	
<i>Ligustrum vulgare</i>	C	34.6	
<i>Sorbus torminalis</i>		29.9	
<i>Pyrethrum corymbosum</i>	C	28.7	32, 32AB, 32BC
<i>Dictamnus albus</i>		27.3	32BB
<i>Viburnum lantana</i>		25.5	
<i>Polygonatum odoratum</i>	C	25.1	32BC
<i>Campanula bononiensis</i>		23.3	
<i>Crataegus monogyna</i>		21.6	32, 32AB
<i>Lathyrus pannonicus</i> ssp. <i>collinus</i>		21.2	
<i>Viola hirta</i>	C	21.1	26, 26BA
<i>Silene nemoralis</i>		20.6	
<i>Acer campestre</i>	C	20.5	32, 32AAB, 32AB
<i>Melampyrum cristatum</i>		20.4	
<i>Euphorbia epithymoides</i>		19.8	
<i>Vincetoxicum hirundinaria</i>	C	19.3	27, 27AA, 32BC
<i>Carex michelii</i>		18.8	32BB
<i>Pyrus pyraster</i>		18.0	

Constant species (17)

<i>Pyrethrum corymbosum</i>	Dg	77.0	32BB, 32BC
<i>Quercus petraea</i> agg.	Dm	66.0	32, 32AB, 32BB, 32BC, 33, 33AA
<i>Euphorbia cyparissias</i>		59.0	21ACB, 24, 25, 25AC, 25AD, 26, 26AA, 26AAA, 26AAB, 26AB, 26AC, 26ACB, 26ACC, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 27AB, 29, 29AA, 32BC, 34, 34AA
<i>Ligustrum vulgare</i>	Dg	57.0	29AA, 32BB
<i>Viola hirta</i>	Dg	55.0	27
<i>Quercus pubescens</i> agg.	Dg, Dm	55.0	32BB
<i>Polygonatum odoratum</i>	Dg	51.0	
<i>Cornus mas</i>	Dg, Dm	51.0	
<i>Vincetoxicum hirundinaria</i>	Dg	50.0	26ACB, 26ACC, 27, 27AA, 32BB, 32BC
<i>Teucrium chamaedrys</i>		48.0	27, 27AA, 34
<i>Lithospermum purpurocaeruleum</i>	Dg	48.0	32BB
<i>Brachypodium pinnatum</i>		47.0	21ACB, 26, 26BA, 27, 27AA, 32BB
<i>Acer campestre</i>	Dg	46.0	32AAB, 32BB
<i>Poa nemoralis</i>		43.0	29, 32, 32AB, 32AC, 32ADA, 32ADC, 32BB, 32BC, 33, 33AA, 36, 37, 37AA, 37AB, 37BA, 41CA
<i>Bupleurum falcatum</i>		43.0	26ACB, 27, 27AA, 34
<i>Securigera varia</i>		41.0	26, 26AEB, 26BA, 27, 27AA, 27AB

<i>Clinopodium vulgare</i>		41.0	32BB
Dominant species (3)			
<i>Quercus pubescens</i> agg.	Dg, C	18.0	32BB
<i>Quercus petraea</i> agg.	C	16.0	32, 32AB, 32BB, 32BC, 33, 33AA
<i>Cornus mas</i>	Dg, C	4.0	32BB

Alliance 32BB *Aceri tatarici-Quercion*

Pannonian thermophilous oak forests on loess and sand

No. of relevés: 29

Diagnostic species (8)

<i>Carex fritschii</i>		35.1	
<i>Quercus cerris</i>	Dm	32.1	
<i>Sorbus domestica</i>		30.3	
<i>Dictamnus albus</i>	C	26.9	32BA
<i>Lithospermum purpureocaeruleum</i>	C	26.4	32BA
<i>Quercus pubescens</i> agg.	C, Dm	24.9	32BA
<i>Iris variegata</i>		24.0	
<i>Carex michelii</i>	C	19.7	32BA
Constant species (20)			
<i>Dactylis glomerata</i>		86.0	21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 27, 37AB, 41, 41CC
<i>Poa nemoralis</i>	Dm	72.0	29, 32, 32AB, 32AC, 32ADA, 32ADC, 32BA, 32BC, 33, 33AA, 36, 37, 37AA, 37AB, 37BA, 41CA
<i>Convallaria majalis</i>	Dm	66.0	32AB, 33
<i>Quercus petraea</i> agg.	Dm	62.0	32, 32AB, 32BA, 32BC, 33, 33AA
<i>Dictamnus albus</i>	Dg	62.0	
<i>Ligustrum vulgare</i>		55.0	29AA, 32BA
<i>Acer campestre</i>		55.0	32AAB, 32BA
<i>Lithospermum purpureocaeruleum</i>	Dg	48.0	32BA
<i>Carex montana</i>		48.0	
<i>Veronica chamaedrys</i> agg.		45.0	21, 21AA, 21AB, 21AC, 21ACA, 22, 22AB, 32AB, 32BC
<i>Clinopodium vulgare</i>		45.0	32BA
<i>Vincetoxicum hirundinaria</i>		41.0	26ACB, 26ACC, 27, 27AA, 32BA, 32BC
<i>Pyrethrum corymbosum</i>		41.0	32BA, 32BC
<i>Quercus pubescens</i> agg.	Dg, Dm	41.0	32BA
<i>Melica uniflora</i>	Dm	41.0	
<i>Geum urbanum</i>		41.0	30, 30AC, 32AA, 32AAA, 32AAB, 36
<i>Fragaria vesca</i>		41.0	21ACB, 32AB, 32ADC, 37AB
<i>Carex michelii</i>	Dg	41.0	
<i>Calamagrostis arundinacea</i>		41.0	01AC, 06, 06BB, 22BC, 28, 28AA, 33, 37, 37AB
<i>Brachypodium pinnatum</i>	Dm	41.0	21ACB, 26, 26BA, 27, 27AA, 32BA
Dominant species (11)			
<i>Quercus robur</i>		24.0	32AAB, 32AB, 32BC, 33, 33AA
<i>Quercus petraea</i> agg.	C	21.0	32, 32AB, 32BA, 32BC, 33, 33AA
<i>Quercus cerris</i>	Dg	7.0	
<i>Poa nemoralis</i>	C	7.0	32BC, 36, 41CA
<i>Convallaria majalis</i>	C	7.0	
<i>Quercus pubescens</i> agg.	Dg, C	3.0	32BA
<i>Mercurialis perennis</i>		3.0	32AC, 32ADD
<i>Melica uniflora</i>	C	3.0	
<i>Cornus sanguinea</i>		3.0	
<i>Cornus mas</i>		3.0	32BA
<i>Brachypodium pinnatum</i>	C	3.0	21ACB, 26, 26BA, 32BC, 34, 34AA

Alliance 32BC *Quercion petraeae***Central European thermophilous oak forests**

No. of relevés: 264

Diagnostic species (25)

<i>Quercus petraea</i> agg.	C, Dm	37.6	32, 32AB, 33, 33AA
<i>Vincetoxicum hirundinaria</i>	C	32.1	27, 27AA, 32BA
<i>Pyrethrum corymbosum</i>	C	31.0	32, 32AB, 32BA
<i>Silene nutans</i>	C	30.9	
<i>Lychnis viscaria</i>		29.3	
<i>Polygonatum odoratum</i>		29.1	32BA
<i>Lathyrus niger</i>		29.1	32, 32AB
<i>Hieracium sabaudum</i> agg.	C	28.0	32, 32AB, 33, 33AA
<i>Festuca ovina</i>	C, Dm	27.8	25AC, 33, 33AA
<i>Anthericum ramosum</i>		26.6	26, 26AC
<i>Verbascum chaixii</i> ssp. <i>austriacum</i>		25.4	
<i>Genista tinctoria</i>		25.4	
<i>Carex montana</i>		23.7	32AB
<i>Trifolium alpestre</i>		23.6	
<i>Hieracium maculatum</i>		23.3	
<i>Poa nemoralis</i>	C, Dm	23.2	32, 32AB, 32AC, 32AD, 32ADA
<i>Hieracium lachenalii</i>		22.9	32AB, 33, 33AA
<i>Campanula persicifolia</i>		21.5	32, 32AB
<i>Hypnum cupressiforme</i> agg.	C	21.4	
<i>Hylotelephium maximum</i>		21.4	
<i>Clinopodium vulgare</i>		20.0	
<i>Genista pilosa</i>		19.6	22BB, 26AD
<i>Hypogymnia physodes</i>		19.5	
<i>Potentilla alba</i>		18.9	
<i>Hieracium murorum</i>	C	18.8	32, 32AB, 32AD, 32AE, 33, 33AA
Constant species (12)			
<i>Quercus petraea</i> agg.	Dg, Dm	88.0	32, 32AB, 32BA, 32BB, 33, 33AA
<i>Poa nemoralis</i>	Dg, Dm	74.0	29, 32, 32AB, 32AC, 32ADA, 32ADC, 32BA, 32BB, 33, 33AA, 36, 37, 37AA, 37AB, 37BA, 41CA
<i>Festuca ovina</i>	Dg, Dm	66.0	01AC, 01BA, 22AB, 22BB, 24, 25, 25AC, 26BB, 33, 33AA, 34, 34AA
<i>Pyrethrum corymbosum</i>	Dg	53.0	32BA, 32BB
<i>Vincetoxicum hirundinaria</i>	Dg	52.0	26ACB, 26ACC, 27, 27AA, 32BA, 32BB
<i>Veronica chamaedrys</i> agg.		51.0	21, 21AA, 21AB, 21AC, 21ACA, 22, 22AB, 32AB, 32BB
<i>Hieracium sabaudum</i> agg.	Dg	51.0	33
<i>Hieracium murorum</i>	Dg	51.0	32, 32AB, 32ADC, 32ADD, 32AE, 33, 33AA, 34, 34AA
<i>Hypnum cupressiforme</i> agg.	Dg	48.0	01, 01AC, 26ACB, 33, 34, 34AA
<i>Euphorbia cyparissias</i>		45.0	21ACB, 24, 25, 25AC, 25AD, 26, 26AA, 26AAA, 26AAB, 26AB, 26AC, 26ACB, 26ACC, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 27AB, 29, 29AA, 32BA, 34, 34AA
<i>Hypericum perforatum</i>		44.0	22BB, 25, 25AC, 25AD, 26, 26AEB, 26BB, 27, 27AA, 27AB, 37AB
<i>Silene nutans</i>	Dg	41.0	
Dominant species (5)			
<i>Quercus petraea</i> agg.	Dg, C	43.0	32, 32AB, 32BA, 32BB, 33, 33AA
<i>Quercus robur</i>		5.0	32AAB, 32AB, 32BB, 33, 33AA
<i>Brachypodium pinnatum</i>		5.0	21ACB, 26, 26BA, 32BB, 34, 34AA
<i>Poa nemoralis</i>	Dg, C	4.0	32BB, 36, 41CA
<i>Festuca ovina</i>	Dg, C	3.0	24, 24AA, 25, 25AC, 25AD, 34, 34AA

**Class 33 QUERCETEA ROBORI-PETRAEAE and
Alliance 33AA Genisto germanicae-Quercion**

Acidophilous oak forests

No. of relevés: 282

Diagnostic species (12)

<i>Melampyrum pratense</i>	C	32.1	32AB
<i>Quercus petraea</i> agg.	C, Dm	32.0	32, 32AB, 32BC
<i>Pinus sylvestris</i>	C, Dm	27.5	35, 35AA
<i>Luzula luzuloides</i>	C, Dm	24.9	32, 32AB, 32AE
<i>Hieracium lachenalii</i>	C	24.6	32AB, 32BC
<i>Betula pendula</i>	C	23.7	32AB, 35AA
<i>Leucobryum glaucum</i> agg.		22.2	35AA
<i>Festuca ovina</i>	C	22.1	25AC, 32BC
<i>Avenella flexuosa</i>	C	20.5	22, 32AE, 35, 35AB
<i>Vaccinium myrtillus</i>	C, Dm	19.3	22, 32AE, 35, 35AA, 35AB
<i>Hieracium murorum</i>	C	18.7	32, 32AB, 32AD, 32AE, 32BC
<i>Hieracium sabaudum</i> agg.	C	18.3	32, 32AB, 32BC

Constant species (10)

<i>Quercus petraea</i> agg.	Dg, Dm	73.0	32, 32AB, 32BA, 32BB, 32BC
<i>Luzula luzuloides</i>	Dg, Dm	62.0	06, 06BA, 06BB, 06BC, 22BC, 28, 28AA, 32AE, 37AB
<i>Avenella flexuosa</i>	Dg	61.0	03AA, 04, 04AA, 04AB, 06, 06BA, 06BB, 06BC, 22, 22AA, 22AC, 22AD, 22BA, 22BC, 28, 32ADD, 32AE, 35, 35AA, 35AB, 35AC, 35BA, 37, 37AC
<i>Vaccinium myrtillus</i>	Dg, Dm	57.0	04, 04AA, 04AB, 05, 05AA, 06, 06BA, 06BB, 20, 20AA, 20AB, 22, 22AA, 22AD, 22BA, 22BC, 28, 28AA, 32ADD, 32AE, 35, 35AA, 35AB, 35AC, 35AD, 35BA, 37, 37AC
<i>Melampyrum pratense</i>	Dg	52.0	
<i>Festuca ovina</i>	Dg	52.0	01AC, 01BA, 22AB, 22BB, 24, 25, 25AC, 26BB, 32BC, 34, 34AA
<i>Hieracium murorum</i>	Dg	49.0	32, 32AB, 32ADC, 32ADD, 32AE, 32BC, 34, 34AA
<i>Pinus sylvestris</i>	Dg, Dm	47.0	34, 34AA, 35, 35AA, 35AD
<i>Poa nemoralis</i>		45.0	29, 32, 32AB, 32AC, 32ADA, 32ADC, 32BA, 32BB, 32BC, 36, 37, 37AA, 37AB, 37BA, 41CA
<i>Hieracium lachenalii</i>	Dg	41.0	05, 05AA
(<i>Betula pendula</i>)	Dg	39.0	34
(<i>Hieracium sabaudum</i> agg.)	Dg	34.0	32BC
(<i>Quercus robur</i>)	Dm	32.0	32AAB
(<i>Polytrichum formosum</i> agg.)		31.0	05, 05AA, 32ADD, 32AE, 35, 35AB, 35BA
(<i>Veronica officinalis</i>)		30.0	22AD
(<i>Hypnum cupressiforme</i> agg.)		29.0	01, 01AC, 26ACB, 32BC, 34, 34AA
(<i>Sorbus aucuparia</i>)		28.0	28, 28AA, 32ADD, 35BA
(<i>Rubus fruticosus</i> agg.)		27.0	32, 36, 37, 37BA
(<i>Convallaria majalis</i>)		27.0	32AB, 32BB
(<i>Frangula alnus</i>)		26.0	31, 31AA, 34, 34AA
(<i>Calamagrostis arundinacea</i>)		26.0	01AC, 06, 06BB, 22BC, 28, 28AA, 32BB, 37, 37AB

Dominant species (5)

<i>Quercus petraea</i> agg.	Dg, C	25.0	32, 32AB, 32BA, 32BB, 32BC
<i>Pinus sylvestris</i>	Dg, C	11.0	32ADC, 34, 34AA, 35, 35AA, 35AD
<i>Vaccinium myrtillus</i>	Dg, C	7.0	06BA, 20, 20AB, 22, 22BA, 22BC, 35, 35AA, 35AC, 35AD
<i>Quercus robur</i>		7.0	32AAB, 32AB, 32BB, 32BC
<i>Luzula luzuloides</i>	Dg, C	3.0	06BA, 32AE

Class 34 *ERICO-PINETEA* and Alliance 34AA *Erico-Pinion*

Peri-Alpidic serpentine pine forests

No. of relevés: 17

Diagnostic species (4)

<i>Armeria vulgaris</i> ssp. <i>serpentini</i>		35.2	26AD
<i>Asplenium cuneifolium</i>	C	23.9	01, 01AC
<i>Thlaspi montanum</i>		22.8	
<i>Potentilla crantzii</i> ssp. <i>serpentini</i>		19.8	

Constant species (11)

<i>Pinus sylvestris</i>	Dm	100.0	33, 33AA, 35, 35AA, 35AD
<i>Pimpinella saxifraga</i>		71.0	01CA, 21ACB, 22AB, 25, 26, 26AD, 26AEB, 26BA, 26BB
<i>Thymus praecox</i>		59.0	22BB, 26AAB, 26AB, 26ACA, 26ACB, 26AD
<i>Pleurozium schreberi</i>	Dm	59.0	22, 22AA, 22BA, 35, 35AA
<i>Hypnum cupressiforme</i> agg.		59.0	01, 01AC, 26ACB, 32BC, 33
<i>Festuca ovina</i>	Dm	59.0	01AC, 01BA, 22AB, 22BB, 24, 25, 25AC, 26BB, 32BC, 33, 33AA
<i>Hieracium murorum</i>		53.0	32, 32AB, 32ADC, 32ADD, 32AE, 32BC, 33, 33AA
<i>Frangula alnus</i>		41.0	31, 31AA, 33
<i>Euphorbia cyparissias</i>		41.0	21ACB, 24, 25, 25AC, 25AD, 26, 26AA, 26AAA, 26AAB, 26AB, 26AC, 26ACB, 26ACC, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 27AB, 29, 29AA, 32BA, 32BC
<i>Carex humilis</i>	Dm	41.0	22BB, 26AAB, 26AD
<i>Asplenium cuneifolium</i>	Dg	41.0	01AC
(<i>Silene vulgaris</i>)		35.0	01AC, 06BB, 22AD
(<i>Sesleria caerulea</i>)	Dm	35.0	26AC, 26ACB, 26ACC
(<i>Senecio viscosus</i>)		35.0	39CB
(<i>Rubus idaeus</i>)		35.0	03, 06, 06AB, 28, 28AA, 32, 32AAA, 32ADB, 32ADD, 37, 37AA, 37AB, 37AC, 37BA
(<i>Hylocomium splendens</i>)		35.0	
(<i>Galium verum</i> agg.)		35.0	21ACB, 26, 26AEC, 26BA, 26BB, 27
(<i>Galium pumilum</i> agg.)		35.0	
(<i>Dianthus carthusianorum</i> agg.)		35.0	22BB, 26, 26AAB, 26AD, 26AE, 26AEA, 26AEC, 26BB
(<i>Betula pendula</i>)		35.0	33
(<i>Armeria vulgaris</i> ssp. <i>serpentini</i>)	Dg	35.0	26AD
(<i>Anthericum ramosum</i>)	Dm	35.0	26ACB, 26ACC
(<i>Thlaspi montanum</i>)	Dg	29.0	
(<i>Teucrium chamaedrys</i>)		29.0	27, 27AA, 32BA
(<i>Phleum phleoides</i>)		29.0	26AD, 26AEB, 26BB
(<i>Genista pilosa</i>)		29.0	22BB, 26AD
(<i>Centaurea scabiosa</i>)		29.0	26, 26AEB, 26BA, 27, 27AA
(<i>Bupleurum falcatum</i>)		29.0	26ACB, 27, 27AA, 32BA
(<i>Biscutella laevigata</i> ssp. <i>varia</i>)		29.0	
Dominant species (7)			
<i>Pinus sylvestris</i>	C	53.0	32ADC, 33, 33AA, 35, 35AA, 35AD
<i>Sesleria caerulea</i>		29.0	26AC, 26ACB, 26ACC, 26AD
<i>Pleurozium schreberi</i>	C	12.0	22AB, 22BA, 35AA
<i>Festuca ovina</i>	C	6.0	24, 24AA, 25, 25AC, 25AD, 32BC
<i>Carex humilis</i>	C	6.0	
<i>Brachypodium pinnatum</i>		6.0	21ACB, 26, 26BA, 32BB, 32BC
<i>Anthericum ramosum</i>		6.0	

Class 35 VACCINIO-PICEETEA**Coniferous forests**

No. of relevés: 689

Diagnostic species (23)

<i>Picea abies</i>	C, Dm	47.6	32, 32AD, 32AE, 35AB
<i>Vaccinium myrtillus</i>	C, Dm	47.0	22, 32AE, 33, 33AA, 35AA, 35AB
<i>Calamagrostis villosa</i>	C, Dm	40.7	06, 06BA, 35AB
<i>Sphagnum girgensohnii</i>		37.1	35AB
<i>Trientalis europaea</i>	C	36.9	06, 35AB, 35BA
<i>Vaccinium vitis-idaea</i>	C	36.1	20, 20AB, 22, 22BA, 35AA, 35AB
<i>Dicranum scoparium</i>	C	35.9	32AE, 35AB
<i>Avenella flexuosa</i>	C, Dm	33.7	22, 32AE, 33, 33AA, 35AB
<i>Pinus sylvestris</i>	C, Dm	33.5	33, 33AA, 35AA
<i>Bazzania trilobata</i>		31.4	35AB
<i>Dryopteris dilatata</i>	C	29.5	32, 32AD, 32ADA, 32AE, 35AB
<i>Polytrichum commune</i>	C	27.8	35AB
<i>Polytrichum formosum</i> agg.	C	27.0	32, 32AE, 35AB
<i>Homogyne alpina</i>		25.2	04, 04AB, 06BA, 35AB, 35AC
<i>Luzula sylvatica</i>		25.1	35AB
<i>Calypogeia azurea</i>		24.0	35AB
<i>Tetraphis pellucida</i>		23.7	35AB
<i>Lepidozia reptans</i>		23.0	35AB
<i>Dicranodontium denudatum</i>		21.9	35AB
<i>Pleurozium schreberi</i>	C	21.7	22, 35AA
<i>Dicranum polysetum</i>		21.4	35AA
<i>Lycopodium annotinum</i>		20.0	35AB
<i>Barbilophozia lycopodioides</i>		19.1	35AB

Constant species (13)

<i>Vaccinium myrtillus</i>	Dg, Dm	83.0	04, 04AA, 04AB, 05, 05AA, 06, 06BA, 06BB, 20, 20AA, 20AB, 22, 22AA, 22AD, 22BA, 22BC, 28, 28AA, 32ADD, 32AE, 33, 33AA, 35AA, 35AB, 35AC, 35AD, 35BA, 37, 37AC
<i>Picea abies</i>	Dg, Dm	81.0	28, 28AA, 32, 32AD, 32ADB, 32ADD, 32AE, 35AA, 35AB, 35AC, 35AD, 35BA
<i>Avenella flexuosa</i>	Dg, Dm	63.0	03AA, 04, 04AA, 04AB, 06, 06BA, 06BB, 06BC, 22, 22AA, 22AC, 22AD, 22BA, 22BC, 28, 32ADD, 32AE, 33, 33AA, 35AA, 35AB, 35AC, 35BA, 37, 37AC
<i>Calamagrostis villosa</i>	Dg, Dm	51.0	03AA, 04, 04AA, 05, 05AA, 06, 06AA, 06AB, 06BA, 06BB, 28, 28AA, 35AB, 35AC, 35AD, 35BA, 37AC
<i>Dicranum scoparium</i>	Dg	42.0	32ADD, 35AB
<i>Polytrichum formosum</i> agg.	Dg	39.0	05, 05AA, 32ADD, 32AE, 33, 35AB, 35BA
<i>Dryopteris dilatata</i>	Dg	39.0	28, 28AA, 35AB, 35BA
<i>Pinus sylvestris</i>	Dg, Dm	37.0	33, 33AA, 34, 34AA, 35AA, 35AD
<i>Vaccinium vitis-idaea</i>	Dg	35.0	01CA, 04, 20, 20AA, 20AB, 22BA, 22BC, 35AA, 35AC, 35AD
<i>Oxalis acetosella</i>		32.0	06, 06AA, 06AB, 18, 32, 32AA, 32AAA, 32AC, 32AD, 32ADA, 32ADB, 32ADD, 32AE, 35AB, 35BA
<i>Trientalis europaea</i>	Dg	29.0	05, 05AA, 06BA, 28, 35AC, 35BA
<i>Polytrichum commune</i>	Dg	26.0	05, 05AA, 35AD
<i>Pleurozium schreberi</i>	Dg	26.0	22, 22AA, 22BA, 34, 34AA, 35AA

Dominant species (6)

<i>Picea abies</i>	Dg, C	31.0	32AD, 32ADB, 32ADD, 32AE, 35AB, 35AD, 35BA
<i>Pinus sylvestris</i>	Dg, C	11.0	32ADC, 33, 33AA, 34, 34AA, 35AA, 35AD
<i>Calamagrostis villosa</i>	Dg, C	8.0	06, 06BA, 28, 28AA, 32ADD, 35AB, 35AC, 35AD, 37, 37AC

<i>Vaccinium myrtillus</i>	Dg, C	5.0	06BA, 20, 20AB, 22, 22BA, 22BC, 33, 33AA, 35AA, 35AC, 35AD
<i>Sphagnum recurvum</i> agg.		4.0	19, 19AA, 19AC, 19BA, 19BB, 19BC, 19BD, 20, 20AB, 22AC, 31BA, 35AA, 35AB, 35AD
<i>Avenella flexuosa</i>	Dg, C	4.0	04, 04AA, 04AB, 06BA, 06BC, 22, 22AB, 22AD, 22BC, 32AE, 35AA, 35AB, 35AC, 37, 37AC

Alliance 35AA *Dicrano-Pinion*

Boreo-continental pine forests

No. of relevés: 178

Diagnostic species (10)

<i>Pinus sylvestris</i>	C, Dm	47.7	33, 33AA, 35
<i>Dicranum polysetum</i>		30.4	35
<i>Vaccinium vitis-idaea</i>	C	26.9	20, 20AB, 22, 22BA, 35, 35AB
<i>Leucobryum glaucum</i> agg.		22.8	33, 33AA
<i>Pteridium aquilinum</i>	Dm	22.2	
<i>Pleurozium schreberi</i>	C, Dm	21.7	22, 35
<i>Erica carnea</i>		21.1	
<i>Vaccinium myrtillus</i>	C, Dm	20.2	22, 32AE, 33, 33AA, 35, 35AB
<i>Calluna vulgaris</i>	C	19.5	20, 20AB, 22, 22BA
<i>Betula pendula</i>		18.3	32AB, 33, 33AA

Constant species (7)

<i>Pinus sylvestris</i>	Dg, Dm	98.0	33, 33AA, 34, 34AA, 35, 35AD
<i>Vaccinium myrtillus</i>	Dg, Dm	72.0	04, 04AA, 04AB, 05, 05AA, 06, 06BA, 06BB, 20, 20AA, 20AB, 22, 22AA, 22AD, 22BA, 22BC, 28, 28AA, 32ADD, 32AE, 33, 33AA, 35, 35AB, 35AC, 35AD, 35BA, 37, 37AC
<i>Avenella flexuosa</i>	Dm	55.0	03AA, 04, 04AA, 04AB, 06, 06BA, 06BB, 06BC, 22, 22AA, 22AC, 22AD, 22BA, 22BC, 28, 32ADD, 32AE, 33, 33AA, 35, 35AB, 35AC, 35BA, 37, 37AC
<i>Picea abies</i>		52.0	28, 28AA, 32, 32AD, 32ADB, 32ADD, 32AE, 35, 35AB, 35AC, 35AD, 35BA
<i>Vaccinium vitis-idaea</i>	Dg	51.0	01CA, 04, 20, 20AA, 20AB, 22BA, 22BC, 35, 35AC, 35AD
<i>Pleurozium schreberi</i>	Dg, Dm	48.0	22, 22AA, 22BA, 34, 34AA, 35
<i>Calluna vulgaris</i>	Dg	45.0	01CA, 04, 04AA, 20, 20AA, 20AB, 22, 22AC, 22BA, 22BB

Dominant species (6)

<i>Pinus sylvestris</i>	Dg, C	26.0	32ADC, 33, 33AA, 34, 34AA, 35, 35AD
<i>Pleurozium schreberi</i>	Dg, C	6.0	22AB, 22BA, 34, 34AA
<i>Vaccinium myrtillus</i>	Dg, C	5.0	06BA, 20, 20AB, 22, 22BA, 22BC, 33, 33AA, 35, 35AC, 35AD
<i>Pteridium aquilinum</i>	Dg	4.0	
<i>Avenella flexuosa</i>	C	4.0	04, 04AA, 04AB, 06BA, 06BC, 22, 22AB, 22AD, 22BC, 32AE, 35, 35AB, 35AC, 37, 37AC
<i>Sphagnum recurvum</i> agg.		3.0	19, 19AA, 19AC, 19BA, 19BB, 19BC, 19BD, 20, 20AB, 22AC, 31BA, 35, 35AB, 35AD

Alliance 35AB *Piceion excelsae*

Acidophilous spruce forests

No. of relevés: 380

Diagnostic species (21)

<i>Sphagnum girgensohnii</i>		44.4	35
<i>Picea abies</i>	C, Dm	43.9	32, 32AD, 32AE, 35
<i>Calamagrostis villosa</i>	C, Dm	41.8	06, 06BA, 35
<i>Bazzania trilobata</i>		38.7	35
<i>Vaccinium myrtillus</i>	C	36.5	22, 32AE, 33, 33AA, 35, 35AA

<i>Trientalis europaea</i>		33.4	06, 35, 35BA
<i>Dicranum scoparium</i>	C	31.9	32AE, 35
<i>Dryopteris dilatata</i>	C	30.0	32, 32AD, 32ADA, 32AE, 35
<i>Calypogeia azurea</i>		29.7	35
<i>Polytrichum commune</i>		29.5	35
<i>Lepidozia reptans</i>		28.0	35
<i>Luzula sylvatica</i>		26.8	35
<i>Polytrichum formosum</i> agg.	C, Dm	26.6	32, 32AE, 35
<i>Avenella flexuosa</i>	C, Dm	26.6	22, 32AE, 33, 33AA, 35
<i>Lycopodium annotinum</i>		24.8	35
<i>Homogyne alpina</i>		24.0	04, 04AB, 06BA, 35, 35AC
<i>Barbilophozia lycopodioides</i>		24.0	35
<i>Tetraphis pellucida</i>		23.7	35
<i>Dicranodontium denudatum</i>		22.7	35
<i>Vaccinium vitis-idaea</i>		20.8	20, 20AB, 22, 22BA, 35, 35AA
<i>Calypogeia integristipula</i>		18.2	
Constant species (8)			
<i>Picea abies</i>	Dg, Dm	99.0	28, 28AA, 32, 32AD, 32ADB, 32ADD, 32AE, 35, 35AA, 35AC, 35AD, 35BA
<i>Vaccinium myrtillus</i>	Dg	87.0	04, 04AA, 04AB, 05, 05AA, 06, 06BA, 06BB, 20, 20AA, 20AB, 22, 22AA, 22AD, 22BA, 22BC, 28, 28AA, 32ADD, 32AE, 33, 33AA, 35, 35AA, 35AC, 35AD, 35BA, 37, 37AC
<i>Calamagrostis villosa</i>	Dg, Dm	69.0	03AA, 04, 04AA, 05, 05AA, 06, 06AA, 06AB, 06BA, 06BB, 28, 28AA, 35, 35AC, 35AD, 35BA, 37AC
<i>Avenella flexuosa</i>	Dg, Dm	67.0	03AA, 04, 04AA, 04AB, 06, 06BA, 06BB, 06BC, 22, 22AA, 22AC, 22AD, 22BA, 22BC, 28, 32ADD, 32AE, 33, 33AA, 35, 35AA, 35AC, 35BA, 37, 37AC
<i>Dryopteris dilatata</i>	Dg	53.0	28, 28AA, 35, 35BA
<i>Polytrichum formosum</i> agg.	Dg, Dm	50.0	05, 05AA, 32ADD, 32AE, 33, 35, 35BA
<i>Dicranum scoparium</i>	Dg	50.0	32ADD, 35
<i>Oxalis acetosella</i>		43.0	06, 06AA, 06AB, 18, 32, 32AA, 32AAA, 32AC, 32AD, 32ADA, 32ADB, 32ADD, 32AE, 35, 35BA
Dominant species (5)			
<i>Picea abies</i>	Dg, C	52.0	32AD, 32ADB, 32ADD, 32AE, 35, 35AD, 35BA
<i>Calamagrostis villosa</i>	Dg, C	13.0	06, 06BA, 28, 28AA, 32ADD, 35, 35AC, 35AD, 37, 37AC
<i>Sphagnum recurvum</i> agg.		5.0	19, 19AA, 19AC, 19BA, 19BB, 19BC, 19BD, 20, 20AB, 22AC, 31BA, 35, 35AA, 35AD
<i>Avenella flexuosa</i>	Dg, C	5.0	04, 04AA, 04AB, 06BA, 06BC, 22, 22AB, 22AD, 22BC, 32AE, 35, 35AA, 35AC, 37, 37AC
<i>Polytrichum formosum</i> agg.	Dg, C	3.0	22AC, 35BA
Alliance 35AC <i>Pinion mughi</i>			
<i>Pinus mugo</i> scrub			
No. of relevés: 31			
Diagnostic species (3)			
<i>Pinus mugo</i> agg.	C, Dm	52.1	20
<i>Homogyne alpina</i>	C	21.6	04, 04AB, 06BA, 35, 35AB
<i>Cetraria islandica</i>		18.1	04, 04AA, 22BA
Constant species (8)			
<i>Vaccinium myrtillus</i>	Dm	94.0	04, 04AA, 04AB, 05, 05AA, 06, 06BA, 06BB, 20, 20AA, 20AB, 22, 22AA, 22AD, 22BA, 22BC, 28, 28AA, 32ADD, 32AE, 33, 33AA, 35, 35AA, 35AB, 35AD, 35BA, 37, 37AC
<i>Pinus mugo</i> agg.	Dg, Dm	81.0	

<i>Calamagrostis villosa</i>	Dm	81.0	03AA, 04, 04AA, 05, 05AA, 06, 06AA, 06AB, 06BA, 06BB, 28, 28AA, 35, 35AB, 35AD, 35BA, 37AC
<i>Avenella flexuosa</i>	Dm	77.0	03AA, 04, 04AA, 04AB, 06, 06BA, 06BB, 06BC, 22, 22AA, 22AC, 22AD, 22BA, 22BC, 28, 32ADD, 32AE, 33, 33AA, 35, 35AA, 35AB, 35BA, 37, 37AC
<i>Homogyne alpina</i>	Dg	74.0	04, 04AB, 06BA, 22AA, 35BA
<i>Trientalis europaea</i>		58.0	05, 05AA, 06BA, 28, 35, 35BA
<i>Vaccinium vitis-idaea</i>		52.0	01CA, 04, 20, 20AA, 20AB, 22BA, 22BC, 35, 35AA, 35AD
<i>Picea abies</i>		52.0	28, 28AA, 32, 32AD, 32ADB, 32ADD, 32AE, 35, 35AA, 35AB, 35AD, 35BA
Dominant species (5)			
<i>Pinus mugo</i> agg.	Dg, C	55.0	20, 20AA, 20AB
<i>Vaccinium myrtillus</i>	C	32.0	06BA, 20, 20AB, 22, 22BA, 22BC, 33, 33AA, 35, 35AA, 35AD
<i>Pinus rotundata</i>		10.0	20, 20AB
<i>Calamagrostis villosa</i>	C	6.0	06, 06BA, 28, 28AA, 32ADD, 35, 35AB, 35AD, 37, 37AC
<i>Avenella flexuosa</i>	C	6.0	04, 04AA, 04AB, 06BA, 06BC, 22, 22AB, 22AD, 22BC, 32AE, 35, 35AA, 35AB, 37, 37AC

Alliance 35AD *Betulion pubescentis*

Birch mire forests

No. of relevés: 31

Diagnostic species (1)

Betula pubescens C 29.2

Constant species (10)

<i>Vaccinium myrtillus</i>	Dm	77.0	04, 04AA, 04AB, 05, 05AA, 06, 06BA, 06BB, 20, 20AA, 20AB, 22, 22AA, 22AD, 22BA, 22BC, 28, 28AA, 32ADD, 32AE, 33, 33AA, 35, 35AA, 35AB, 35AC, 35BA, 37, 37AC
<i>Polytrichum commune</i>		74.0	05, 05AA, 35
<i>Pinus sylvestris</i>	Dm	74.0	33, 33AA, 34, 34AA, 35, 35AA
<i>Picea abies</i>	Dm	68.0	28, 28AA, 32, 32AD, 32ADB, 32ADD, 32AE, 35, 35AA, 35AB, 35AC, 35BA
<i>Molinia caerulea</i> agg.	Dm	61.0	01CA, 19AB, 21BE
<i>Betula pubescens</i>	Dg	61.0	
<i>Vaccinium vitis-idaea</i>		52.0	01CA, 04, 20, 20AA, 20AB, 22BA, 22BC, 35, 35AA, 35AC
<i>Sphagnum recurvum</i> agg.	Dm	48.0	05, 05AA, 19BC, 20, 20AB
<i>Eriophorum vaginatum</i>		48.0	05, 05AA, 19BD, 20, 20AA, 20AB, 20BA
<i>Calamagrostis villosa</i>	Dm	45.0	03AA, 04, 04AA, 05, 05AA, 06, 06AA, 06AB, 06BA, 06BB, 28, 28AA, 35, 35AB, 35AC, 35BA, 37AC

Dominant species (8)

<i>Molinia caerulea</i> agg.	C	29.0	04, 04AA, 04AB, 06, 06BA, 18AC, 19AA, 19BC, 21BE, 31BA
<i>Sphagnum recurvum</i> agg.	C	23.0	19, 19AA, 19AC, 19BA, 19BB, 19BC, 19BD, 20, 20AB, 22AC, 31BA, 35, 35AA, 35AB
<i>Pinus sylvestris</i>	C	10.0	32ADC, 33, 33AA, 34, 34AA, 35, 35AA
<i>Calamagrostis villosa</i>	C	6.0	06, 06BA, 28, 28AA, 32ADD, 35, 35AB, 35AC, 37, 37AC
<i>Vaccinium myrtillus</i>	C	3.0	06BA, 20, 20AB, 22, 22BA, 22BC, 33, 33AA, 35, 35AA, 35AC
<i>Picea abies</i>	C	3.0	32AD, 32ADB, 32ADD, 32AE, 35, 35AB, 35BA
<i>Leucobryum glaucum</i> agg.		3.0	
<i>Betula carpatica</i>		3.0	28, 28AA

Alliance 35BA *Athyrio alpestris-Piceion***Montane *Athyrium* spruce forests**

No. of relevés: 29

Diagnostic species (3)

<i>Athyrium distentifolium</i>	C, Dm	36.1	06, 06AA, 06AB
<i>Streptopus amplexifolius</i>	C	33.5	
<i>Trientalis europaea</i>	C	20.6	06, 35, 35AB

Constant species (15)

<i>Picea abies</i>	Dm	100.0	28, 28AA, 32, 32AD, 32ADB, 32ADD, 32AE, 35, 35AA, 35AB, 35AC, 35AD
<i>Athyrium distentifolium</i>	Dg, Dm	100.0	06, 06AB, 28, 28AA
<i>Vaccinium myrtillos</i>		97.0	04, 04AA, 04AB, 05, 05AA, 06, 06BA, 06BB, 20, 20AA, 20AB, 22, 22AA, 22AD, 22BA, 22BC, 28, 28AA, 32ADD, 32AE, 33, 33AA, 35, 35AA, 35AB, 35AC, 35AD, 37, 37AC
<i>Oxalis acetosella</i>	Dm	93.0	06, 06AA, 06AB, 18, 32, 32AA, 32AAA, 32AC, 32AD, 32ADA, 32ADB, 32ADD, 32AE, 35, 35AB
<i>Dryopteris dilatata</i>		93.0	28, 28AA, 35, 35AB
<i>Trientalis europaea</i>	Dg	76.0	05, 05AA, 06BA, 28, 35, 35AC
<i>Polytrichum formosum</i> agg.	Dm	76.0	05, 05AA, 32ADD, 32AE, 33, 35, 35AB
<i>Calamagrostis villosa</i>		76.0	03AA, 04, 04AA, 05, 05AA, 06, 06AA, 06AB, 06BA, 06BB, 28, 28AA, 35, 35AB, 35AC, 35AD, 37AC
<i>Stellaria nemorum</i>		59.0	06, 06AA, 06AB, 18, 32ADB, 41BA
<i>Avenella flexuosa</i>		59.0	03AA, 04, 04AA, 04AB, 06, 06BA, 06BB, 06BC, 22, 22AA, 22AC, 22AD, 22BA, 22BC, 28, 32ADD, 32AE, 33, 33AA, 35, 35AA, 35AB, 35AC, 37, 37AC
<i>Streptopus amplexifolius</i>	Dg	55.0	
<i>Homogyne alpina</i>		55.0	04, 04AB, 06BA, 22AA, 35AC
<i>Luzula sylvatica</i>		52.0	
<i>Sorbus aucuparia</i>		45.0	28, 28AA, 32ADD, 33
<i>Maianthemum bifolium</i>		45.0	32AB, 32ADD
Dominant species (5)			
<i>Picea abies</i>	C	41.0	32AD, 32ADB, 32ADD, 32AE, 35, 35AB, 35AD
<i>Athyrium distentifolium</i>	Dg, C	28.0	06, 06AB
<i>Polytrichum formosum</i> agg.	C	7.0	22AC, 35AB
<i>Oxalis acetosella</i>	C	3.0	32ADD
<i>Adenostyles alliariae</i>		3.0	06AA

Class 36 ROBINIETEA**Robinia groves**

No. of relevés: 36

Diagnostic species (2)

<i>Robinia pseudacacia</i>	C, Dm	63.9	36AA
<i>Chelidonium majus</i>	C	24.8	

Constant species (11)

<i>Robinia pseudacacia</i>	Dg, Dm	100.0	36AA
<i>Chelidonium majus</i>	Dg	69.0	02, 02AA, 36AA
<i>Urtica dioica</i>		61.0	02, 13DA, 21BD, 30, 30AA, 30AC, 31, 31AA, 31BA, 32, 32AA, 32AAA, 32AAB, 32AC, 32ADB, 36AA, 37, 37AB, 37BA, 39AB, 41, 41AA, 41BA, 41CA, 41CB, 41CC
<i>Galium aparine</i>		61.0	30, 30AA, 30AC, 32AAB, 36AA, 37AB, 39, 39BA, 39BB, 41, 41AA, 41CA, 41CC, 44, 44AA, 44AB, 44BA
<i>Poa nemoralis</i>	Dm	58.0	29, 32, 32AB, 32AC, 32ADA, 32ADC, 32BA,

			32BB, 32BC, 33, 33AA, 37, 37AA, 37AB, 37BA, 41CA
<i>Geum urbanum</i>		58.0	30, 30AC, 32AA, 32AAA, 32AAB, 32BB
<i>Sambucus nigra</i>	Dm	56.0	30, 36AA
<i>Impatiens parviflora</i>	Dm	56.0	36AA
<i>Rubus fruticosus</i> agg.		36.0	32, 33, 37, 37BA
<i>Geranium robertianum</i>		33.0	01AB, 03, 18BA, 32, 32AC, 37AB, 41CA
<i>Galeopsis pubescens</i>		33.0	
Dominant species (4)			
<i>Robinia pseudacacia</i>	Dg, C	61.0	36AA
<i>Impatiens parviflora</i>	C	11.0	36AA
<i>Poa nemoralis</i>	C	8.0	32BB, 32BC, 41CA
<i>Sambucus nigra</i>	C	6.0	37BA

Alliance 36AA *Chelidonio-Robinion*

Robinia groves on mesic, eutrophic soils

No. of relevés: 11

Diagnostic species (1)

<i>Robinia pseudacacia</i>	C, Dm	35.3	36
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Constant species (6)

<i>Robinia pseudacacia</i>	Dg, Dm	100.0	36
<i>Impatiens parviflora</i>	Dm	82.0	36
<i>Sambucus nigra</i>		73.0	30, 36
<i>Chelidonium majus</i>		73.0	02, 02AA, 36
<i>Galium aparine</i>		64.0	30, 30AA, 30AC, 32AAB, 36, 37AB, 39, 39BA, 39BB, 41, 41AA, 41CA, 41CC, 44, 44AA, 44AB, 44BA
<i>Urtica dioica</i>		55.0	02, 13DA, 21BD, 30, 30AA, 30AC, 31, 31AA, 31BA, 32, 32AA, 32AAA, 32AAB, 32AC, 32ADB, 36, 37, 37AB, 37BA, 39AB, 41, 41AA, 41BA, 41CA, 41CB, 41CC

Dominant species (3)

<i>Robinia pseudacacia</i>	Dg, C	55.0	36
<i>Impatiens parviflora</i>	C	36.0	36
<i>Geum urbanum</i>		9.0	

Class 37 *EPILOBIETEA ANGUSTIFOLII*

Vegetation of forest clearings

No. of relevés: 226

Diagnostic species (5)

<i>Epilobium angustifolium</i>	C, Dm	43.3	37AA, 37BA
<i>Senecio sylvaticus</i>		32.6	37AA
<i>Rubus idaeus</i>	C, Dm	26.1	32, 32AA, 32AAA, 32AD, 32ADA
<i>Digitalis purpurea</i>		22.9	37AA
<i>Calamagrostis epigejos</i>	C, Dm	22.8	

Constant species (12)

<i>Rubus idaeus</i>	Dg, Dm	76.0	03, 06, 06AB, 28, 28AA, 32, 32AAA, 32ADB, 32ADD, 34, 37AA, 37AB, 37AC, 37BA
<i>Epilobium angustifolium</i>	Dg, Dm	56.0	37AA, 37AB, 37AC, 37BA
<i>Senecio nemorensis</i> agg.		49.0	06, 06AA, 06AB, 06BB, 28, 28AA, 32, 32AA, 32AAA, 32AC, 32AD, 32ADA, 32ADB, 32ADC, 32ADD, 32AE, 37AB, 37BA
<i>Calamagrostis epigejos</i>	Dg, Dm	43.0	37AA, 37AB, 37BA, 39CB
<i>Urtica dioica</i>		41.0	02, 13DA, 21BD, 30, 30AA, 30AC, 31, 31AA, 31BA, 32, 32AA, 32AAA, 32AAB, 32AC, 32ADB, 36, 36AA, 37AB, 37BA, 39AB, 41, 41AA, 41BA, 41CA, 41CB, 41CC
<i>Rubus fruticosus</i> agg.		38.0	32, 33, 36, 37BA

<i>Agrostis capillaris</i>		37.0	21, 21AB, 21AC, 21ACA, 21ACB, 22, 22AA, 22AB, 22AC, 22AD, 24, 25AD, 37AA, 41CD
<i>Poa nemoralis</i>		36.0	29, 32, 32AB, 32AC, 32ADA, 32ADC, 32BA, 32BB, 32BC, 33, 33AA, 36, 37AA, 37AB, 37BA, 41CA
<i>Avenella flexuosa</i>	Dm	36.0	03AA, 04, 04AA, 04AB, 06, 06BA, 06BB, 06BC, 22, 22AA, 22AC, 22AD, 22BA, 22BC, 28, 32ADD, 32AE, 33, 33AA, 35, 35AA, 35AB, 35AC, 35BA, 37AC
<i>Vaccinium myrtillus</i>		29.0	04, 04AA, 04AB, 05, 05AA, 06, 06BA, 06BB, 20, 20AA, 20AB, 22, 22AA, 22AD, 22BA, 22BC, 28, 28AA, 32ADD, 32AE, 33, 33AA, 35, 35AA, 35AB, 35AC, 35AD, 35BA, 37AC
<i>Juncus effusus</i>		29.0	21BB, 21BBA, 37AC, 43AAC
<i>Calamagrostis arundinacea</i>		28.0	01AC, 06, 06BB, 22BC, 28, 28AA, 32BB, 33, 37AB
Dominant species (5)			
<i>Calamagrostis villosa</i>		10.0	06, 06BA, 28, 28AA, 32ADD, 35, 35AB, 35AC, 35AD, 37AC
<i>Rubus idaeus</i>	Dg, C	9.0	37BA
<i>Epilobium angustifolium</i>	Dg, C	6.0	37AA
<i>Avenella flexuosa</i>	C	5.0	04, 04AA, 04AB, 06BA, 06BC, 22, 22AB, 22AD, 22BC, 32AE, 35, 35AA, 35AB, 35AC, 37AC
<i>Calamagrostis epigejos</i>	Dg, C	4.0	37AA, 42, 42AA

Alliance 37AA *Carici piluliferae-Epilobion angustifolii*

Vegetation of forest clearings on mesotrophic soils

No. of relevés: 49

Diagnostic species (3)

<i>Senecio sylvaticus</i>	C	33.7	37
<i>Digitalis purpurea</i>		32.0	37
<i>Epilobium angustifolium</i>	C, Dm	31.0	37, 37BA

Constant species (6)

<i>Epilobium angustifolium</i>	Dg, Dm	86.0	37, 37AB, 37AC, 37BA
<i>Rubus idaeus</i>		71.0	03, 06, 06AB, 28, 28AA, 32, 32AAA, 32ADB, 32ADD, 34, 37, 37AB, 37AC, 37BA
<i>Calamagrostis epigejos</i>	Dm	63.0	37, 37AB, 37BA, 39CB
<i>Agrostis capillaris</i>		47.0	21, 21AB, 21AC, 21ACA, 21ACB, 22, 22AA, 22AB, 22AC, 22AD, 24, 25AD, 37, 41CD
<i>Senecio sylvaticus</i>	Dg	45.0	37AB
<i>Poa nemoralis</i>		43.0	29, 32, 32AB, 32AC, 32ADA, 32ADC, 32BA, 32BB, 32BC, 33, 33AA, 36, 37, 37AB, 37BA, 41CA

Dominant species (2)

<i>Epilobium angustifolium</i>	Dg, C	22.0	37
<i>Calamagrostis epigejos</i>	C	4.0	37, 42, 42AA

Alliance 37AB *Atropion bellae-donnae*

Vegetation of forest clearings on eutrophic soils

No. of relevés: 4

Diagnostic species (1)

<i>Atropa bella-donna</i>	C, Dm	32.0	
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Constant species (36)

<i>Rubus idaeus</i>		100.0	03, 06, 06AB, 28, 28AA, 32, 32AAA, 32ADB, 32ADD, 34, 37, 37AA, 37AC, 37BA
<i>Galium aparine</i>		100.0	30, 30AA, 30AC, 32AAB, 36, 36AA, 39, 39BA, 39BB, 41, 41AA, 41CA, 41CC, 44, 44AA, 44AB, 44BA

<i>Atropa bella-donna</i>	Dg, Dm	100.0	
<i>Senecio nemorensis</i> agg.		75.0	06, 06AA, 06AB, 06BB, 28, 28AA, 32, 32AA, 32AAA, 32AC, 32AD, 32ADA, 32ADB, 32ADC, 32ADD, 32AE, 37, 37BA
<i>Scrophularia nodosa</i>		75.0	30AA
<i>Poa nemoralis</i>		75.0	29, 32, 32AB, 32AC, 32ADA, 32ADC, 32BA, 32BB, 32BC, 33, 33AA, 36, 37, 37AA, 37BA, 41CA
<i>Plagiomnium undulatum</i>		75.0	
<i>Melica nutans</i>		75.0	32, 32AB, 32ADC
<i>Geranium robertianum</i>		75.0	01AB, 03, 18BA, 32, 32AC, 36, 41CA
<i>Galium odoratum</i>		75.0	32, 32AB, 32AC, 32AD, 32ADA, 32ADB, 32ADC
<i>Fragaria vesca</i>		75.0	21ACB, 32AB, 32ADC, 32BB
<i>Epilobium angustifolium</i>		75.0	37, 37AA, 37AC, 37BA
<i>Calamagrostis arundinacea</i>		75.0	01AC, 06, 06BB, 22BC, 28, 28AA, 32BB, 33, 37
<i>Viola riviniana</i>		50.0	
<i>Vicia tetrasperma</i>		50.0	44AB
<i>Verbascum thapsus</i>		50.0	
<i>Urtica dioica</i>		50.0	02, 13DA, 21BD, 30, 30AA, 30AC, 31, 31AA, 31BA, 32, 32AA, 32AAA, 32AAB, 32AC, 32ADB, 36, 36AA, 37, 37BA, 39AB, 41, 41AA, 41BA, 41CA, 41CB, 41CC
<i>Taraxacum</i> sect. <i>Ruderalia</i>		50.0	02, 02AA, 21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BC, 39, 39AA, 39AB, 39AC, 39BA, 39BB, 39BC, 39CA, 40, 40AB, 41, 41CB, 41CC, 42, 43, 43AAA, 43BA, 44, 44AA, 44AC, 44BA
<i>Senecio sylvaticus</i>		50.0	37AA
<i>Mycelis muralis</i>		50.0	32, 32AD, 32ADA, 32ADC, 32ADD
<i>Milium effusum</i>		50.0	28, 28AA, 32ADB
<i>Mercurialis perennis</i>		50.0	32, 32AC, 32AD, 32ADA, 32ADB, 32ADC
<i>Luzula luzuloides</i>		50.0	06, 06BA, 06BB, 06BC, 22BC, 28, 28AA, 32AE, 33, 33AA
<i>Hypericum perforatum</i>		50.0	22BB, 25, 25AC, 25AD, 26, 26AEB, 26BB, 27, 27AA, 27AB, 32BC
<i>Festuca gigantea</i>		50.0	32AAA
<i>Epilobium montanum</i>		50.0	
<i>Dactylis glomerata</i>		50.0	21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 27, 32BB, 41, 41CC
<i>Cirsium arvense</i>		50.0	21BC, 21BD, 39, 39BA, 39BB, 39BC, 40, 40AB, 44, 44AA, 44AB, 44AC, 44BA
<i>Carex pallescens</i>		50.0	
<i>Carex muricata</i> agg.		50.0	
<i>Calamagrostis epigejos</i>		50.0	37, 37AA, 37BA, 39CB
<i>Brachythecium rutabulum</i>		50.0	
<i>Brachypodium sylvaticum</i>		50.0	32AA, 32AAB
<i>Atrichum undulatum</i>		50.0	
<i>Anemone nemorosa</i>		50.0	
<i>Alliaria petiolata</i>		50.0	
Dominant species (1)			
<i>Atropa bella-donna</i>	Dg, C	25.0	

Alliance 37AC Rumici-Avenellion flexuosae

Vegetation of forest clearings on oligotrophic soils

No. of relevés: 31

Diagnostic species (0)

Constant species (7)

<i>Calamagrostis villosa</i>	Dm	84.0	03AA, 04, 04AA, 05, 05AA, 06, 06AA, 06AB, 06BA, 06BB, 28, 28AA, 35, 35AB, 35AC,
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			35AD, 35BA
<i>Avenella flexuosa</i>	Dm	65.0	03AA, 04, 04AA, 04AB, 06, 06BA, 06BB, 06BC, 22, 22AA, 22AC, 22AD, 22BA, 22BC, 28, 32ADD, 32AE, 33, 33AA, 35, 35AA, 35AB, 35AC, 35BA, 37
<i>Vaccinium myrtillus</i>		58.0	04, 04AA, 04AB, 05, 05AA, 06, 06BA, 06BB, 20, 20AA, 20AB, 22, 22AA, 22AD, 22BA, 22BC, 28, 28AA, 32ADD, 32AE, 33, 33AA, 35, 35AA, 35AB, 35AC, 35AD, 35BA, 37
<i>Juncus effusus</i>	Dm	58.0	21BB, 21BBA, 37, 43AAC
<i>Rubus idaeus</i>		45.0	03, 06, 06AB, 28, 28AA, 32, 32AAA, 32ADB, 32ADD, 34, 37, 37AA, 37AB, 37BA
<i>Epilobium angustifolium</i>		45.0	37, 37AA, 37AB, 37BA
<i>Galium saxatile</i>		42.0	01CA
Dominant species (4)			
<i>Calamagrostis villosa</i>	C	61.0	06, 06BA, 28, 28AA, 32ADD, 35, 35AB, 35AC, 35AD, 37
<i>Avenella flexuosa</i>	C	16.0	04, 04AA, 04AB, 06BA, 06BC, 22, 22AB, 22AD, 22BC, 32AE, 35, 35AA, 35AB, 35AC, 37
<i>Sphagnum girgensohnii</i>		3.0	22AC
<i>Juncus effusus</i>	C	3.0	43, 43AA, 43AAC

Alliance 37BA *Sambuco-Salicion capreae*

Woody vegetation of forest clearings

No. of relevés: 53

Diagnostic species (2)

<i>Salix caprea</i>	Dm	18.8	
<i>Epilobium angustifolium</i>	C	18.2	37, 37AA

Constant species (7)

<i>Rubus idaeus</i>	Dm	89.0	03, 06, 06AB, 28, 28AA, 32, 32AAA, 32ADB, 32ADD, 34, 37, 37AA, 37AB, 37AC
<i>Senecio nemorensis</i> agg.	Dm	64.0	06, 06AA, 06AB, 06BB, 28, 28AA, 32, 32AA, 32AAA, 32AC, 32AD, 32ADA, 32ADB, 32ADC, 32ADD, 32AE, 37, 37AB
<i>Urtica dioica</i>	Dm	62.0	02, 13DA, 21BD, 30, 30AA, 30AC, 31, 31AA, 31BA, 32, 32AA, 32AAA, 32AAB, 32AC, 32ADB, 36, 36AA, 37, 37AB, 39AB, 41, 41AA, 41BA, 41CA, 41CB, 41CC
<i>Rubus fruticosus</i> agg.	Dm	55.0	32, 33, 36, 37
<i>Poa nemoralis</i>		49.0	29, 32, 32AB, 32AC, 32ADA, 32ADC, 32BA, 32BB, 32BC, 33, 33AA, 36, 37, 37AA, 37AB, 41CA
<i>Epilobium angustifolium</i>	Dg	49.0	37, 37AA, 37AB, 37AC
<i>Calamagrostis epigejos</i>		45.0	37, 37AA, 37AB, 39CB
Dominant species (7)			
<i>Rubus idaeus</i>	C	21.0	37
<i>Senecio nemorensis</i> agg.	C	11.0	
<i>Rubus fruticosus</i> agg.	C	9.0	
<i>Betula pendula</i>		6.0	
<i>Urtica dioica</i>	C	4.0	13DA, 30, 30AA, 30AC, 32AA, 41, 41AA, 41CA, 41CB, 41CC
<i>Sambucus nigra</i>		4.0	36
<i>Salix caprea</i>	Dg	4.0	

Class 38 *BIDENTETEA TRIPARTITAE* and Alliance 38AA *Bidention tripartitae*

Annual vegetation of wet eutrophic soils

No. of relevés: 207

Diagnostic species (14)

<i>Bidens tripartita</i>	C, Dm	42.3	12, 12AA
<i>Rumex maritimus</i>	Dm	41.4	12, 12AA
<i>Bidens cernua</i>	Dm	38.6	
<i>Rorippa palustris</i>		35.6	12, 12AA
<i>Ranunculus sceleratus</i>		31.3	12, 12AA
<i>Persicaria lapathifolia</i>	C	29.8	12, 12AA, 44, 44BA
<i>Alopecurus aequalis</i>		28.4	12, 12AA
<i>Persicaria hydropiper</i>	C, Dm	28.0	
<i>Bidens radiata</i>		25.7	12
<i>Bidens frondosa</i>	Dm	25.2	
<i>Carex bohemica</i>		22.2	12, 12AA
<i>Oenanthe aquatica</i>		21.1	12, 13CA
<i>Chenopodium rubrum</i>		21.0	39AA
<i>Potentilla supina</i>		19.5	12, 12AC

Constant species (3)

<i>Persicaria lapathifolia</i>	Dg	54.0	12, 12AA, 39AA, 39BB, 44, 44AB
<i>Bidens tripartita</i>	Dg, Dm	50.0	12, 12AA
<i>Persicaria hydropiper</i>	Dg, Dm	43.0	
<i>Rumex maritimus</i>	Dg, Dm	40.0	12
(<i>Rorippa palustris</i>)	Dg	35.0	12, 12AA
(<i>Alopecurus aequalis</i>)	Dg	35.0	10, 12, 12AA
(<i>Bidens cernua</i>)	Dg, Dm	32.0	
(<i>Lycopus europaeus</i>)		30.0	31, 31AA
(<i>Tripleurospermum inodorum</i>)		26.0	39, 39AC, 39AD, 39BA, 39BB, 39BC, 39CA, 40, 40AB, 44, 44AA, 44AB, 44AC, 44BA
(<i>Ranunculus repens</i>)		26.0	18, 18AA, 21, 21ACA, 21BA, 21BBA, 21BC, 30, 30AA, 31, 31AA, 39BB, 41, 43, 43AA, 43AAA, 43AAB
(<i>Oenanthe aquatica</i>)	Dg	26.0	12

Dominant species (5)

<i>Bidens cernua</i>	Dg	13.0	
<i>Persicaria hydropiper</i>	Dg, C	7.0	
<i>Bidens tripartita</i>	Dg, C	4.0	
<i>Bidens frondosa</i>	Dg	4.0	
<i>Rumex maritimus</i>	Dg	3.0	

Class 39 *CHENOPODIETEA*

Annual ruderal vegetation

No. of relevés: 560

Diagnostic species (36)

<i>Lamium purpureum</i>	C	39.9	39BA, 44, 44AA, 44BA
<i>Capsella bursa-pastoris</i>	C	38.8	39BA, 44, 44AA, 44BA
<i>Chenopodium album</i> agg.	C	37.9	39AD, 44, 44AA, 44BA
<i>Tripleurospermum inodorum</i>	C	34.4	39BA, 44, 44AA, 44BA
<i>Veronica persica</i>	C	34.3	39BA, 44, 44AA, 44AB, 44BA
<i>Stellaria media</i> agg.	C	33.7	39BA, 44, 44AA, 44AB, 44BA
<i>Sonchus oleraceus</i>	C	33.2	39AD, 44
<i>Amaranthus retroflexus</i>		32.5	39BA
<i>Thlaspi arvense</i>	C	28.0	39BA, 44, 44AA, 44AB, 44BA
<i>Echinochloa crus-galli</i>		27.6	39BC
<i>Galinsoga parviflora</i>		27.0	39BC
<i>Chenopodium polyspermum</i>		26.6	39BB
<i>Senecio vulgaris</i>		25.3	39BA

<i>Euphorbia helioscopia</i>		24.5	39BA, 44, 44AA
<i>Malva neglecta</i>		24.3	39AB
<i>Atriplex sagittata</i>		24.2	39AD
<i>Viola arvensis</i>	C	23.7	39BA, 44, 44AA, 44BA
<i>Lactuca serriola</i>		23.6	39AD, 44AA
<i>Veronica hederifolia</i> agg.		23.3	39BA, 44, 44AA
<i>Chenopodium hybridum</i>		22.9	
<i>Sonchus arvensis</i>		22.6	39BA, 44, 44AA, 44BA
<i>Atriplex patula</i>		22.1	44, 44AA
<i>Myosotis arvensis</i>	C	21.2	39BA, 44, 44AA, 44AB, 44BA
<i>Convolvulus arvensis</i>	C	21.1	44, 44AA
<i>Cirsium arvense</i>	C	21.0	44, 44AA, 44BA
<i>Solanum nigrum</i>		20.9	
<i>Polygonum aviculare</i> agg.	C	20.8	43, 43BA, 44, 44AA, 44BA
<i>Elytrigia repens</i>	C	20.8	41, 44, 44AA, 44BA
<i>Galinsoga quadriradiata</i>		19.7	39BB
<i>Conyza canadensis</i>		19.3	39AD
<i>Atriplex tatarica</i>		18.8	39AD
<i>Poa annua</i>	C	18.7	43, 43BA, 44, 44BA
<i>Lolium perenne</i>		18.7	21ACA, 43, 43BA
<i>Artemisia vulgaris</i>	C	18.7	39AD, 40, 40AB, 41, 41CB
<i>Lapsana communis</i>		18.5	39BA, 44, 44AB, 44BA
<i>Taraxacum</i> sect. <i>Ruderalia</i>	C	18.4	21, 21AA
Constant species (20)			
<i>Taraxacum</i> sect. <i>Ruderalia</i>	Dg	57.0	02, 02AA, 21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BC, 37AB, 39AA, 39AB, 39AC, 39BA, 39BB, 39BC, 39CA, 40, 40AB, 41, 41CB, 41CC, 42, 43, 43AAA, 43BA, 44, 44AA, 44AC, 44BA
<i>Capsella bursa-pastoris</i>	Dg	56.0	39AA, 39AC, 39BA, 39BB, 39BC, 44, 44AA, 44AB, 44AC, 44BA
<i>Tripleurospermum inodorum</i>	Dg	54.0	38, 39AC, 39AD, 39BA, 39BB, 39BC, 39CA, 40, 40AB, 44, 44AA, 44AB, 44AC, 44BA
<i>Stellaria media</i> agg.	Dg	54.0	39BA, 39BB, 39BC, 44, 44AA, 44AB, 44AC, 44BA
<i>Chenopodium album</i> agg.	Dg	54.0	39AA, 39AC, 39AD, 39BB, 39BC, 39CA, 44, 44AA, 44AB, 44AC, 44BA
<i>Elytrigia repens</i>	Dg	43.0	26AEC, 39AD, 39BA, 39BB, 39BC, 39CA, 40, 40AA, 41, 41CB, 41CC, 42, 42AA, 44, 44AA, 44AB, 44AC, 44BA
<i>Cirsium arvense</i>	Dg	43.0	21BC, 21BD, 37AB, 39BA, 39BB, 39BC, 40, 40AB, 44, 44AA, 44AB, 44AC, 44BA
<i>Veronica persica</i>	Dg	42.0	39BA, 39BB, 39BC, 44, 44AA, 44AB, 44AC, 44BA
<i>Lamium purpureum</i>	Dg	41.0	39BA, 39BB, 44
(<i>Galium aparine</i>)		39.0	30, 30AA, 30AC, 32AAB, 36, 36AA, 37AB, 39BA, 39BB, 41, 41AA, 41CA, 41CC, 44, 44AA, 44AB, 44BA
(<i>Viola arvensis</i>)	Dg	37.0	39BA, 39BB, 44, 44AA, 44AB, 44AC, 44BA
(<i>Convolvulus arvensis</i>)	Dg	37.0	39AC, 39BC, 42, 42AA, 44, 44AA, 44AB
(<i>Thlaspi arvense</i>)	Dg	34.0	39BA, 39BB, 44, 44AA, 44AB, 44AC, 44BA
(<i>Polygonum aviculare</i> agg.)	Dg	34.0	17, 17BA, 39AA, 39AB, 39AC, 39AD, 39BB, 39CA, 43, 43BA, 44, 44AA, 44AB, 44AC, 44BA
(<i>Sonchus oleraceus</i>)	Dg	28.0	39AD, 39BB
(<i>Poa annua</i>)	Dg	28.0	39AA, 39AC, 39BB, 43, 43BA, 44, 44AB, 44BA
(<i>Myosotis arvensis</i>)	Dg	28.0	39BA, 39BB, 44, 44AB, 44BA
(<i>Plantago major</i> agg.)		27.0	12, 12AC, 17, 21ACA, 39AA, 39AC, 39BB, 43, 43AAA, 43BA, 44, 44AB, 44AC
(<i>Fallopia convolvulus</i>)		27.0	39BB, 44, 44AA, 44AB, 44AC, 44BA

(<i>Artemisia vulgaris</i>)	Dg	27.0	39AD, 40, 40AA, 40AB, 41, 41AA, 41CB, 42
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Dominant species (0)**Alliance 39AA *Chenopodium glauci*****Annual vegetation of wet hypertrophic soils**

No. of relevés: 16

Diagnostic species (4)

<i>Chenopodium glaucum</i>	C, Dm	44.7	12AC, 14, 14AA
<i>Chenopodium rubrum</i>	C	38.3	38, 38AA
<i>Atriplex prostrata</i> ssp. <i>latifolia</i>	C, Dm	29.1	
<i>Chenopodium ficifolium</i>		19.9	

Constant species (13)

<i>Chenopodium glaucum</i>	Dg, Dm	100.0	12AC, 14, 14AA, 39CB
<i>Chenopodium rubrum</i>	Dg	75.0	
<i>Chenopodium album</i> agg.		75.0	39, 39AC, 39AD, 39BB, 39BC, 39CA, 44, 44AA, 44AB, 44AC, 44BA
<i>Polygonum aviculare</i> agg.		62.0	17, 17BA, 39, 39AB, 39AC, 39AD, 39BB, 39CA, 43, 43BA, 44, 44AA, 44AB, 44AC, 44BA
<i>Plantago major</i> agg.		62.0	12, 12AC, 17, 21ACA, 39, 39AC, 39BB, 43, 43AAA, 43BA, 44, 44AB, 44AC
<i>Persicaria lapathifolia</i>		62.0	12, 12AA, 38, 38AA, 39BB, 44, 44AB
<i>Atriplex prostrata</i> ssp. <i>latifolia</i>	Dg, Dm	50.0	15, 15AA
<i>Taraxacum</i> sect. <i>Ruderalia</i>		44.0	02, 02AA, 21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BC, 37AB, 39, 39AB, 39AC, 39BA, 39BB, 39BC, 39CA, 40, 40AB, 41, 41CB, 41CC, 42, 43, 43AAA, 43BA, 44, 44AA, 44AC, 44BA
<i>Poa annua</i>		44.0	39, 39AC, 39BB, 43, 43BA, 44, 44AB, 44BA
<i>Matricaria discoidea</i>		44.0	43, 43BA
<i>Lolium perenne</i>		44.0	21AC, 21ACA, 39AB, 39AC, 39CA, 42, 43, 43AAA, 43BA
<i>Capsella bursa-pastoris</i>		44.0	39, 39AC, 39BA, 39BB, 39BC, 44, 44AA, 44AB, 44AC, 44BA
<i>Atriplex patula</i>		44.0	44, 44AB, 44AC

Dominant species (2)

<i>Chenopodium glaucum</i>	Dg, C	6.0	12AC, 14, 14AA
<i>Atriplex prostrata</i> ssp. <i>latifolia</i>	Dg, C	6.0	

Alliance 39AB *Malvion neglectae***Annual ruderal vegetation of low prostrate herbs**

No. of relevés: 13

Diagnostic species (3)

<i>Urtica urens</i>	C, Dm	44.3	
<i>Malva neglecta</i>	C, Dm	38.6	39
<i>Chenopodium vulvaria</i>	Dm	20.9	

Constant species (6)

<i>Malva neglecta</i>	Dg, Dm	100.0	
<i>Urtica urens</i>	Dg, Dm	62.0	
<i>Urtica dioica</i>		54.0	02, 13DA, 21BD, 30, 30AA, 30AC, 31, 31AA, 31BA, 32, 32AA, 32AAA, 32AAB, 32AC, 32ADB, 36, 36AA, 37, 37AB, 37BA, 41, 41AA, 41BA, 41CA, 41CB, 41CC
<i>Taraxacum</i> sect. <i>Ruderalia</i>		54.0	02, 02AA, 21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BC, 37AB, 39, 39AA, 39AC, 39BA, 39BB, 39BC, 39CA, 40, 40AB, 41, 41CB, 41CC, 42, 43, 43AAA, 43BA, 44, 44AA, 44AC, 44BA
<i>Polygonum aviculare</i> agg.		54.0	17, 17BA, 39, 39AA, 39AC, 39AD, 39BB, 39CA,

<i>Lolium perenne</i>	46.0	43, 43BA, 44, 44AA, 44AB, 44AC, 44BA 21AC, 21ACA, 39AA, 39AC, 39CA, 42, 43, 43AAA, 43BA	
Dominant species (4)			
<i>Malva neglecta</i>	Dg, C	15.0	
<i>Urtica urens</i>	Dg, C	8.0	
<i>Mercurialis annua</i>		8.0	
<i>Chenopodium vulvaria</i>	Dg	8.0	
Alliance 39AC <i>Bromo-Hordeion murini</i>			
Annual ruderal grasslands			
No. of relevés: 19			
Diagnostic species (3)			
<i>Hordeum murinum</i>	C, Dm	36.2	
<i>Bromus tectorum</i>	C, Dm	24.0	
<i>Bromus sterilis</i>	C	20.1	
Constant species (13)			
<i>Bromus tectorum</i>	Dg, Dm	68.0	25AA, 39CB
<i>Polygonum aviculare</i> agg.		63.0	17, 17BA, 39, 39AA, 39AB, 39AD, 39BB, 39CA, 43, 43BA, 44, 44AA, 44AB, 44AC, 44BA
<i>Poa annua</i>		53.0	39, 39AA, 39BB, 43, 43BA, 44, 44AB, 44BA
<i>Lolium perenne</i>		53.0	21AC, 21ACA, 39AA, 39AB, 39CA, 42, 43, 43AAA, 43BA
<i>Chenopodium album</i> agg.		53.0	39, 39AA, 39AD, 39BB, 39BC, 39CA, 44, 44AA, 44AB, 44AC, 44BA
<i>Hordeum murinum</i>	Dg, Dm	53.0	
<i>Capsella bursa-pastoris</i>		53.0	39, 39AA, 39BA, 39BB, 39BC, 44, 44AA, 44AB, 44AC, 44BA
<i>Tripleurospermum inodorum</i>		47.0	38, 39, 39AD, 39BA, 39BB, 39BC, 39CA, 40, 40AB, 44, 44AA, 44AB, 44AC, 44BA
<i>Plantago major</i> agg.		47.0	12, 12AC, 17, 21ACA, 39, 39AA, 39BB, 43, 43AAA, 43BA, 44, 44AB, 44AC
<i>Bromus sterilis</i>	Dg	47.0	
<i>Taraxacum</i> sect. <i>Ruderalia</i>		42.0	02, 02AA, 21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BC, 37AB, 39, 39AA, 39AB, 39BA, 39BB, 39BC, 39CA, 40, 40AB, 41, 41CB, 41CC, 42, 43, 43AAA, 43BA, 44, 44AA, 44AC, 44BA
<i>Convolvulus arvensis</i>		42.0	39, 39BC, 42, 42AA, 44, 44AA, 44AB
<i>Achillea millefolium</i> agg.		42.0	21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BE, 22, 22AB, 22AD, 23, 24, 24AA, 25, 25AD, 26, 26AD, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 27AB, 40, 40AA, 40AB, 41CB, 42, 42AA, 44AC
Dominant species (6)			
<i>Hordeum murinum</i>	Dg, C	32.0	
<i>Digitaria sanguinalis</i>		5.0	
<i>Digitaria ischaemum</i>		5.0	
<i>Bromus tectorum</i>	Dg, C	5.0	
<i>Bromus inermis</i>		5.0	
<i>Arrhenatherum elatius</i>		5.0	21AA

Alliance 39AD *Sisymbrium officinalis***Annual ruderal vegetation of mesic eutrophic soils**

No. of relevés: 97

Diagnostic species (10)

<i>Atriplex sagittata</i>	C, Dm	43.7	39
<i>Atriplex tatarica</i>	Dm	37.5	39

<i>Sisymbrium loeselii</i>	Dm	29.9	
<i>Lactuca serriola</i>	C, Dm	25.3	39, 44AA
<i>Conyza canadensis</i>	C	22.8	39
<i>Setaria verticillata</i>		22.6	39CA
<i>Sonchus oleraceus</i>	C	22.0	39, 44
<i>Ballota nigra</i>		21.6	41, 41CB
<i>Chenopodium album</i> agg.	C, Dm	21.5	39, 44, 44AA, 44BA
<i>Artemisia vulgaris</i>	C	21.1	39, 40, 40AB, 41, 41CB
Constant species (9)			
<i>Chenopodium album</i> agg.	Dg, Dm	73.0	39, 39AA, 39AC, 39BB, 39BC, 39CA, 44, 44AA, 44AB, 44AC, 44BA
<i>Artemisia vulgaris</i>	Dg	66.0	39, 40, 40AA, 40AB, 41, 41AA, 41CB, 42
<i>Tripleurospermum inodorum</i>		59.0	38, 39, 39AC, 39BA, 39BB, 39BC, 39CA, 40, 40AB, 44, 44AA, 44AB, 44AC, 44BA
<i>Elytrigia repens</i>		48.0	26AEC, 39, 39BA, 39BB, 39BC, 39CA, 40, 40AA, 41, 41CB, 41CC, 42, 42AA, 44, 44AA, 44AB, 44AC, 44BA
<i>Polygonum aviculare</i> agg.		45.0	17, 17BA, 39, 39AA, 39AB, 39AC, 39BB, 39CA, 43, 43BA, 44, 44AA, 44AB, 44AC, 44BA
<i>Sonchus oleraceus</i>	Dg	44.0	39, 39BB
<i>Lactuca serriola</i>	Dg, Dm	44.0	
<i>Conyza canadensis</i>	Dg	43.0	39CA, 39CB, 40
<i>Atriplex sagittata</i>	Dg, Dm	43.0	
Dominant species (6)			
<i>Atriplex sagittata</i>	Dg, C	11.0	
<i>Chenopodium album</i> agg.	Dg, C	10.0	
<i>Atriplex tatarica</i>	Dg	5.0	
<i>Sisymbrium loeselii</i>	Dg	4.0	
<i>Lepidium ruderales</i>		3.0	
<i>Lactuca serriola</i>	Dg, C	3.0	

Alliance 39BA *Fumario-Euphorbion*

Basiphilous vegetation of root-crop weeds

No. of relevés: 247

Diagnostic species (18)

<i>Lamium purpureum</i>	C	48.4	39, 44, 44AA, 44BA
<i>Veronica persica</i>	C	38.6	39, 44, 44AA, 44AB, 44BA
<i>Veronica hederifolia</i> agg.	C	35.6	39, 44, 44AA
<i>Stellaria media</i> agg.	C, Dm	34.7	39, 44, 44AA, 44AB, 44BA
<i>Capsella bursa-pastoris</i>	C	33.2	39, 44, 44AA, 44BA
<i>Thlaspi arvense</i>	C	28.1	39, 44, 44AA, 44AB, 44BA
<i>Myosotis arvensis</i>	C	26.3	39, 44, 44AA, 44AB, 44BA
<i>Viola arvensis</i>	C	25.5	39, 44, 44AA, 44BA
<i>Tripleurospermum inodorum</i>	C	25.0	39, 44, 44AA, 44BA
<i>Amaranthus retroflexus</i>		22.9	39
<i>Sonchus arvensis</i>		22.7	39, 44, 44AA, 44BA
<i>Senecio vulgaris</i>		22.7	39
<i>Lapsana communis</i>		21.8	39, 44, 44AB, 44BA
<i>Euphorbia helioscopia</i>		20.9	39, 44, 44AA
<i>Lamium amplexicaule</i>		20.5	44, 44AA
<i>Galium aparine</i>	C	20.4	41, 44, 44AA, 44BA
<i>Geranium dissectum</i>		19.9	44, 44BA
Constant species (13)			
<i>Stellaria media</i> agg.	Dg, Dm	81.0	39, 39BB, 39BC, 44, 44AA, 44AB, 44AC, 44BA
<i>Lamium purpureum</i>	Dg	72.0	39, 39BB, 44
<i>Capsella bursa-pastoris</i>	Dg	72.0	39, 39AA, 39AC, 39BB, 39BC, 44, 44AA, 44AB, 44AC, 44BA
<i>Veronica persica</i>	Dg	69.0	39, 39BB, 39BC, 44, 44AA, 44AB, 44AC, 44BA
<i>Taraxacum</i> sect. <i>Ruderalia</i>		68.0	02, 02AA, 21, 21AA, 21AB, 21AC, 21ACA,

			21BA, 21BC, 37AB, 39, 39AA, 39AB, 39AC, 39BB, 39BC, 39CA, 40, 40AB, 41, 41CB, 41CC, 42, 43, 43AAA, 43BA, 44, 44AA, 44AC, 44BA
<i>Galium aparine</i>	Dg	62.0	30, 30AA, 30AC, 32AAB, 36, 36AA, 37AB, 39, 39BB, 41, 41AA, 41CA, 41CC, 44, 44AA, 44AB, 44BA
<i>Tripleurospermum inodorum</i>	Dg	59.0	38, 39, 39AC, 39AD, 39BB, 39BC, 39CA, 40, 40AB, 44, 44AA, 44AB, 44AC, 44BA
<i>Viola arvensis</i>	Dg	57.0	39, 39BB, 44, 44AA, 44AB, 44AC, 44BA
<i>Cirsium arvense</i>		52.0	21BC, 21BD, 37AB, 39, 39BB, 39BC, 40, 40AB, 44, 44AA, 44AB, 44AC, 44BA
<i>Thlaspi arvense</i>	Dg	49.0	39, 39BB, 44, 44AA, 44AB, 44AC, 44BA
<i>Myosotis arvensis</i>	Dg	49.0	39, 39BB, 44, 44AB, 44BA
<i>Veronica hederifolia</i> agg.	Dg	46.0	44AC
<i>Elytrigia repens</i>		42.0	26AEC, 39, 39AD, 39BB, 39BC, 39CA, 40, 40AA, 41, 41CB, 41CC, 42, 42AA, 44, 44AA, 44AB, 44AC, 44BA
Dominant species (2)			
<i>Stellaria media</i> agg.	Dg, C	6.0	

Alliance 39BB *Spergulo-Oxalidion***Acidophilous vegetation of root-crop weeds**

No. of relevés: 38

Diagnostic species (4)

<i>Galinsoga quadriradiata</i>	C, Dm	32.3	39
<i>Oxalis fontana</i>	C	30.1	
<i>Chenopodium polyspermum</i>	C	26.3	39
<i>Spergula arvensis</i>		19.3	44, 44AB, 44BA
Constant species (28)			
<i>Stellaria media</i> agg.		82.0	39, 39BA, 39BC, 44, 44AA, 44AB, 44AC, 44BA
<i>Chenopodium album</i> agg.		76.0	39, 39AA, 39AC, 39AD, 39BC, 39CA, 44, 44AA, 44AB, 44AC, 44BA
<i>Fallopia convolvulus</i>		76.0	39, 44, 44AA, 44AB, 44AC, 44BA
<i>Viola arvensis</i>		74.0	39, 39BA, 44, 44AA, 44AB, 44AC, 44BA
<i>Capsella bursa-pastoris</i>		74.0	39, 39AA, 39AC, 39BA, 39BC, 44, 44AA, 44AB, 44AC, 44BA
<i>Elytrigia repens</i>		68.0	26AEC, 39, 39AD, 39BA, 39BC, 39CA, 40, 40AA, 41, 41CB, 41CC, 42, 42AA, 44, 44AA, 44AB, 44AC, 44BA
<i>Taraxacum</i> sect. <i>Ruderalia</i>		61.0	02, 02AA, 21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BC, 37AB, 39, 39AA, 39AB, 39AC, 39BA, 39BC, 39CA, 40, 40AB, 41, 41CB, 41CC, 42, 43, 43AAA, 43BA, 44, 44AA, 44AC, 44BA
<i>Persicaria lapathifolia</i>		61.0	12, 12AA, 38, 38AA, 39AA, 44, 44AB
<i>Myosotis arvensis</i>		61.0	39, 39BA, 44, 44AB, 44BA
<i>Chenopodium polyspermum</i>	Dg	61.0	
<i>Veronica persica</i>		58.0	39, 39BA, 39BC, 44, 44AA, 44AB, 44AC, 44BA
<i>Cirsium arvense</i>		58.0	21BC, 21BD, 37AB, 39, 39BA, 39BC, 40, 40AB, 44, 44AA, 44AB, 44AC, 44BA
<i>Anagallis arvensis</i>		58.0	44, 44AA, 44AB, 44BA
<i>Galinsoga quadriradiata</i>	Dg, Dm	55.0	
<i>Tripleurospermum inodorum</i>		53.0	38, 39, 39AC, 39AD, 39BA, 39BC, 39CA, 40, 40AB, 44, 44AA, 44AB, 44AC, 44BA
<i>Trifolium repens</i>		53.0	21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 43
<i>Ranunculus repens</i>		53.0	18, 18AA, 21, 21ACA, 21BA, 21BBA, 21BC, 30, 30AA, 31, 31AA, 38, 41, 43, 43AA, 43AAA, 43AAB

<i>Plantago major</i> agg.		53.0	12, 12AC, 17, 21ACA, 39, 39AA, 39AC, 43, 43AAA, 43BA, 44, 44AB, 44AC
<i>Galium aparine</i>		53.0	30, 30AA, 30AC, 32AAB, 36, 36AA, 37AB, 39, 39BA, 41, 41AA, 41CA, 41CC, 44, 44AA, 44AB, 44BA
<i>Euphorbia helioscopia</i>		53.0	39BC, 44, 44AA, 44AB
<i>Thlaspi arvense</i>		47.0	39, 39BA, 44, 44AA, 44AB, 44AC, 44BA
<i>Polygonum aviculare</i> agg.		47.0	17, 17BA, 39, 39AA, 39AB, 39AC, 39AD, 39CA, 43, 43BA, 44, 44AA, 44AB, 44AC, 44BA
<i>Oxalis fontana</i>	Dg	47.0	
<i>Mentha arvensis</i>		47.0	
<i>Lamium purpureum</i>		47.0	39, 39BA, 44
<i>Poa annua</i>		45.0	39, 39AA, 39AC, 43, 43BA, 44, 44AB, 44BA
<i>Sonchus oleraceus</i>		42.0	39, 39AD
<i>Lapsana communis</i>		42.0	44, 44AB, 44BA
Dominant species (3)			
<i>Galinsoga quadriradiata</i>	Dg, C	5.0	

Alliance 39BC *Panico-Setarion*

Vegetation of root-crop weeds on sandy soils

No. of relevés: 33

Diagnostic species (4)

<i>Echinochloa crus-galli</i>	C	24.1	39
<i>Setaria pumila</i>		20.9	
<i>Galinsoga parviflora</i>	C, Dm	19.2	39

Constant species (12)

<i>Chenopodium album</i> agg.		85.0	39, 39AA, 39AC, 39AD, 39BB, 39CA, 44, 44AA, 44AB, 44AC, 44BA
<i>Convolvulus arvensis</i>		79.0	39, 39AC, 42, 42AA, 44, 44AA, 44AB
<i>Echinochloa crus-galli</i>	Dg	67.0	39CA
<i>Tripleurospermum inodorum</i>		64.0	38, 39, 39AC, 39AD, 39BA, 39BB, 39CA, 40, 40AB, 44, 44AA, 44AB, 44AC, 44BA
<i>Cirsium arvense</i>	Dm	64.0	21BC, 21BD, 37AB, 39, 39BA, 39BB, 40, 40AB, 44, 44AA, 44AB, 44AC, 44BA
<i>Taraxacum</i> sect. <i>Ruderalia</i>		61.0	02, 02AA, 21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BC, 37AB, 39, 39AA, 39AB, 39AC, 39BA, 39BB, 39CA, 40, 40AB, 41, 41CB, 41CC, 42, 43, 43AAA, 43BA, 44, 44AA, 44AC, 44BA
<i>Veronica persica</i>	Dm	58.0	39, 39BA, 39BB, 44, 44AA, 44AB, 44AC, 44BA
<i>Capsella bursa-pastoris</i>		52.0	39, 39AA, 39AC, 39BA, 39BB, 44, 44AA, 44AB, 44AC, 44BA
<i>Stellaria media</i> agg.		45.0	39, 39BA, 39BB, 44, 44AA, 44AB, 44AC, 44BA
<i>Galinsoga parviflora</i>	Dg, Dm	45.0	
<i>Elytrigia repens</i>		45.0	26AEC, 39, 39AD, 39BA, 39BB, 39CA, 40, 40AA, 41, 41CB, 41CC, 42, 42AA, 44, 44AA, 44AB, 44AC, 44BA
<i>Euphorbia helioscopia</i>		42.0	39BB, 44, 44AA, 44AB
Dominant species (5)			
<i>Galinsoga parviflora</i>	Dg, C	6.0	
<i>Veronica persica</i>	C	3.0	
<i>Cirsium arvense</i>	C	3.0	

Alliance 39CA *Eragrostion*

Annual vegetation of disturbed sand dunes in warm areas

No. of relevés: 6

Diagnostic species (6)

<i>Portulaca oleracea</i>	C	43.3	
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<i>Panicum miliaceum</i>		30.8	
<i>Eragrostis minor</i>	C	22.0	43BA
<i>Digitaria sanguinalis</i>		21.0	
<i>Setaria verticillata</i>		18.2	39AD
<i>Asperugo procumbens</i>		18.2	
Constant species (12)			
<i>Elytrigia repens</i>		83.0	26AEC, 39, 39AD, 39BA, 39BB, 39BC, 40, 40AA, 41, 41CB, 41CC, 42, 42AA, 44, 44AA, 44AB, 44AC, 44BA
<i>Tripleurospermum inodorum</i>		67.0	38, 39, 39AC, 39AD, 39BA, 39BB, 39BC, 40, 40AB, 44, 44AA, 44AB, 44AC, 44BA
<i>Taraxacum</i> sect. <i>Ruderalia</i>		67.0	02, 02AA, 21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BC, 37AB, 39, 39AA, 39AB, 39AC, 39BA, 39BB, 39BC, 40, 40AB, 41, 41CB, 41CC, 42, 43, 43AAA, 43BA, 44, 44AA, 44AC, 44BA
<i>Polygonum aviculare</i> agg.		67.0	17, 17BA, 39, 39AA, 39AB, 39AC, 39AD, 39BB, 43, 43BA, 44, 44AA, 44AB, 44AC, 44BA
<i>Chenopodium album</i> agg.		67.0	39, 39AA, 39AC, 39AD, 39BB, 39BC, 44, 44AA, 44AB, 44AC, 44BA
<i>Setaria viridis</i>		50.0	
<i>Portulaca oleracea</i>	Dg	50.0	
<i>Lolium perenne</i>		50.0	21AC, 21ACA, 39AA, 39AB, 39AC, 42, 43, 43AAA, 43BA
<i>Eragrostis minor</i>	Dg	50.0	
<i>Echinochloa crus-galli</i>		50.0	39BC
<i>Conyza canadensis</i>		50.0	39AD, 39CB, 40
<i>Amaranthus retroflexus</i>		50.0	
Dominant species (0)			

Alliance 39CB *Salsolion ruthenicae***Annual vegetation of disturbed sandy soils**

No. of relevés: 4

Diagnostic species (4)

<i>Salsola kali</i> ssp. <i>rosacea</i>	C	40.8	
<i>Chenopodium botrys</i>	C	40.8	
<i>Plantago arenaria</i>	C	31.6	23, 23AA, 24, 24AA
<i>Verbascum phlomoides</i>	C	22.9	

Constant species (13)

<i>Verbascum phlomoides</i>	Dg	50.0	
<i>Trifolium arvense</i>		50.0	25, 25AD, 26AEB
<i>Senecio viscosus</i>		50.0	34
<i>Salsola kali</i> ssp. <i>rosacea</i>	Dg	50.0	
<i>Plantago arenaria</i>	Dg	50.0	
<i>Oenothera biennis</i> agg.		50.0	
<i>Chenopodium glaucum</i>		50.0	12AC, 14, 14AA, 39AA
<i>Chenopodium botrys</i>	Dg	50.0	
<i>Filago minima</i>		50.0	
<i>Epilobium collinum</i>		50.0	
<i>Conyza canadensis</i>		50.0	39AD, 39CA, 40
<i>Calamagrostis epigejos</i>		50.0	37, 37AA, 37AB, 37BA
<i>Bromus tectorum</i>		50.0	25AA, 39AC

Dominant species (0)

Class 40 ARTEMISIETEA VULGARIS**Perennial thermophilous ruderal vegetation**

No. of relevés: 142

Diagnostic species (8)

<i>Melilotus albus</i>	C, Dm	35.9	40AB
<i>Crepis foetida</i> ssp. <i>rhoeadifolia</i>		30.5	40AB
<i>Carduus acanthoides</i>	C	26.1	40AB
<i>Melilotus officinalis</i>	C, Dm	26.0	40AB
<i>Artemisia vulgaris</i>	C	23.6	39, 39AD, 40AB, 41, 41CB
<i>Oenothera biennis</i> agg.		22.8	40AB
<i>Onopordum acanthium</i>		20.7	40AA
<i>Daucus carota</i> ssp. <i>carota</i>	C	20.3	21AA, 40AB

Constant species (17)

<i>Artemisia vulgaris</i>	Dg	61.0	39, 39AD, 40AA, 40AB, 41, 41AA, 41CB, 42
<i>Daucus carota</i> ssp. <i>carota</i>	Dg	57.0	40AB, 42
<i>Achillea millefolium</i> agg.		50.0	21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BE, 22, 22AB, 22AD, 23, 24, 24AA, 25, 25AD, 26, 26AD, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 27AB, 39AC, 40AA, 40AB, 41CB, 42, 42AA, 44AC
<i>Taraxacum</i> sect. <i>Ruderalia</i>		49.0	02, 02AA, 21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BC, 37AB, 39, 39AA, 39AB, 39AC, 39BA, 39BB, 39BC, 39CA, 40AB, 41, 41CB, 41CC, 42, 43, 43AAA, 43BA, 44, 44AA, 44AC, 44BA
<i>Elytrigia repens</i>		43.0	26AEC, 39, 39AD, 39BA, 39BB, 39BC, 39CA, 40AA, 41, 41CB, 41CC, 42, 42AA, 44, 44AA, 44AB, 44AC, 44BA
<i>Tripleurospermum inodorum</i>		40.0	38, 39, 39AC, 39AD, 39BA, 39BB, 39BC, 39CA, 40AB, 44, 44AA, 44AB, 44AC, 44BA
<i>Medicago lupulina</i>		39.0	40AB
<i>Cirsium arvense</i>		37.0	21BC, 21BD, 37AB, 39, 39BA, 39BB, 39BC, 40AB, 44, 44AA, 44AB, 44AC, 44BA
<i>Poa pratensis</i> agg.		35.0	21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BBA, 21BC, 21BE, 25AD, 26, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 29, 42
<i>Melilotus albus</i>	Dg, Dm	34.0	40AB
<i>Carduus acanthoides</i>	Dg	34.0	
<i>Poa compressa</i>		31.0	02, 02AA, 25AA, 42
<i>Tussilago farfara</i>	Dm	30.0	42
<i>Melilotus officinalis</i>	Dg, Dm	30.0	
<i>Echium vulgare</i>		30.0	25BA, 26AAB, 26AEB, 40AB
<i>Conyza canadensis</i>		28.0	39AD, 39CA, 39CB
<i>Plantago lanceolata</i>		27.0	21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BC, 21BE, 22, 22AB, 25, 25AD, 26AEB, 26BB, 44AC
Dominant species (3)			
<i>Tussilago farfara</i>	C	7.0	40AB, 42, 42AA
<i>Melilotus albus</i>	Dg, C	5.0	40AB
<i>Melilotus officinalis</i>	Dg, C	4.0	40AB

Alliance 40AA *Onopordion acanthii***Perennial thermophilous ruderal vegetation with archaeophytes**

No. of relevés: 21

Diagnostic species (4)

<i>Onopordum acanthium</i>	C, Dm	36.3	40
<i>Sisymbrium orientale</i>		28.1	
<i>Artemisia absinthium</i>	C, Dm	28.0	

<i>Lavatera thuringiaca</i>		21.8	
Constant species (6)			
<i>Artemisia absinthium</i>	Dg, Dm	62.0	
<i>Ballota nigra</i>		52.0	41CB
<i>Artemisia vulgaris</i>		52.0	39, 39AD, 40, 40AB, 41, 41AA, 41CB, 42
<i>Onopordum acanthium</i>	Dg, Dm	48.0	
<i>Elytrigia repens</i>		48.0	26AEC, 39, 39AD, 39BA, 39BB, 39BC, 39CA, 40, 41, 41CB, 41CC, 42, 42AA, 44, 44AA, 44AB, 44AC, 44BA
<i>Achillea millefolium</i> agg.		43.0	21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BE, 22, 22AB, 22AD, 23, 24, 24AA, 25, 25AD, 26, 26AD, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 27AB, 39AC, 40, 40AB, 41CB, 42, 42AA, 44AC
Dominant species (4)			
<i>Onopordum acanthium</i>	Dg, C	5.0	
<i>Erodium cicutarium</i>		5.0	
<i>Echinops sphaerocephalus</i>		5.0	
<i>Artemisia absinthium</i>	Dg, C	5.0	

Alliance 40AB *Dauco-Melilotion*

Perennial thermophilous ruderal vegetation on gravelly soils

No. of relevés: 86

Diagnostic species (8)

<i>Crepis foetida</i> ssp. <i>rhoeadifolia</i>		39.3	40
<i>Melilotus albus</i>	C, Dm	37.6	40
<i>Oenothera biennis</i> agg.		25.0	40
<i>Melilotus officinalis</i>	Dm	24.7	40
<i>Daucus carota</i> ssp. <i>carota</i>	C	22.5	21AA, 40
<i>Carduus acanthoides</i>		20.9	40
<i>Artemisia vulgaris</i>	C	18.4	39, 39AD, 40, 41, 41CB
<i>Picris hieracioides</i>		18.1	26BA
Constant species (9)			
<i>Daucus carota</i> ssp. <i>carota</i>	Dg	79.0	40, 42
<i>Artemisia vulgaris</i>	Dg	62.0	39, 39AD, 40, 40AA, 41, 41AA, 41CB, 42
<i>Achillea millefolium</i> agg.		58.0	21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BE, 22, 22AB, 22AD, 23, 24, 24AA, 25, 25AD, 26, 26AD, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 27AB, 39AC, 40, 40AA, 41CB, 42, 42AA, 44AC
<i>Taraxacum</i> sect. <i>Ruderalia</i>		57.0	02, 02AA, 21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BC, 37AB, 39, 39AA, 39AB, 39AC, 39BA, 39BB, 39BC, 39CA, 40, 41, 41CB, 41CC, 42, 43, 43AAA, 43BA, 44, 44AA, 44AC, 44BA
<i>Medicago lupulina</i>		52.0	40
<i>Tripleurospermum inodorum</i>		47.0	38, 39, 39AC, 39AD, 39BA, 39BB, 39BC, 39CA, 40, 44, 44AA, 44AB, 44AC, 44BA
<i>Melilotus albus</i>	Dg, Dm	45.0	40
<i>Echium vulgare</i>		41.0	25BA, 26AAB, 26AEB, 40
<i>Cirsium arvense</i>		41.0	21BC, 21BD, 37AB, 39, 39BA, 39BB, 39BC, 40, 44, 44AA, 44AB, 44AC, 44BA
Dominant species (5)			
<i>Melilotus officinalis</i>	Dg	6.0	40
<i>Tussilago farfara</i>		5.0	40, 42, 42AA
<i>Melilotus albus</i>	Dg, C	5.0	40
<i>Solidago canadensis</i>		3.0	
<i>Berteroa incana</i>		3.0	

Class 41 GALIO-URTICETEA**Perennial mesophilous and hygrophilous ruderal vegetation**

No. of relevés: 632

Diagnostic species (18)

<i>Urtica dioica</i>	C, Dm	33.4	32, 32AA, 32AAA, 32AC
<i>Artemisia vulgaris</i>	C	30.7	39, 39AD, 40, 40AB, 41CB
<i>Lamium album</i>		29.1	41CB
<i>Impatiens glandulifera</i>	Dm	25.4	41AA
<i>Anthriscus sylvestris</i>	C	25.4	
<i>Aegopodium podagraria</i>	C, Dm	25.1	32, 32AA, 32AAA
<i>Calystegia sepium</i>		24.8	41AA
<i>Chaerophyllum bulbosum</i>		23.4	41AA
<i>Chaerophyllum aromaticum</i>		23.3	
<i>Petasites hybridus</i>	Dm	21.7	41BA
<i>Galium aparine</i>	C	21.1	39BA, 44, 44AA, 44BA
<i>Elytrigia repens</i>	C	21.0	39, 44, 44AA, 44BA
<i>Cuscuta europaea</i>		20.1	41AA
<i>Rumex obtusifolius</i>		20.0	
<i>Ballota nigra</i>		19.8	39AD, 41CB
<i>Arctium tomentosum</i>		19.1	41CB
<i>Carduus crispus</i>		18.5	
<i>Solidago gigantea</i>		18.3	

Constant species (11)

<i>Urtica dioica</i>	Dg, Dm	81.0	02, 13DA, 21BD, 30, 30AA, 30AC, 31, 31AA, 31BA, 32, 32AA, 32AAA, 32AAB, 32AC, 32ADB, 36, 36AA, 37, 37AB, 37BA, 39AB, 41AA, 41BA, 41CA, 41CB, 41CC
<i>Aegopodium podagraria</i>	Dg, Dm	49.0	30, 30AA, 30AC, 32AA, 32AAA, 32AAB, 41AA, 41BA, 41CC
<i>Galium aparine</i>	Dg	43.0	30, 30AA, 30AC, 32AAB, 36, 36AA, 37AB, 39, 39BA, 39BB, 41AA, 41CA, 41CC, 44, 44AA, 44AB, 44BA
<i>Elytrigia repens</i>	Dg	41.0	26AEC, 39, 39AD, 39BA, 39BB, 39BC, 39CA, 40, 40AA, 41CB, 41CC, 42, 42AA, 44, 44AA, 44AB, 44AC, 44BA
<i>Artemisia vulgaris</i>	Dg	39.0	39, 39AD, 40, 40AA, 40AB, 41AA, 41CB, 42
<i>Poa trivialis</i>		36.0	21, 21ACA, 21BA, 21BB, 21BBA, 21BBB, 21BC, 30, 30AC, 41CC, 43AAB
<i>Dactylis glomerata</i>		36.0	21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 27, 32BB, 37AB, 41CC
<i>Heraclium sphondylium</i>		34.0	21AA, 21AB, 30, 41CC
<i>Anthriscus sylvestris</i>	Dg	32.0	30, 41CB
<i>Taraxacum sect. Ruderalia</i>		30.0	02, 02AA, 21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BC, 37AB, 39, 39AA, 39AB, 39AC, 39BA, 39BB, 39BC, 39CA, 40, 40AB, 41CB, 41CC, 42, 43, 43AAA, 43BA, 44, 44AA, 44AC, 44BA
<i>Ranunculus repens</i>		29.0	18, 18AA, 21, 21ACA, 21BA, 21BBA, 21BC, 30, 30AA, 31, 31AA, 38, 39BB, 43, 43AA, 43AAA, 43AAB

Dominant species (5)

<i>Urtica dioica</i>	Dg, C	12.0	13DA, 30, 30AA, 30AC, 32AA, 37BA, 41AA, 41CA, 41CB, 41CC
<i>Petasites hybridus</i>	Dg	10.0	41BA, 41CC
<i>Petasites albus</i>		6.0	06, 06AA, 06AB, 18, 18AB, 32ADD, 41BA
<i>Impatiens glandulifera</i>	Dg	6.0	41AA, 41CA
<i>Aegopodium podagraria</i>	Dg, C	3.0	41BA, 41CC

Alliance 41AA *Senecionion fluviatilis***Nitrophilous herbaceous vegetation along riverbanks**

No. of relevés: 63

Diagnostic species (7)

<i>Calystegia sepium</i>	C, Dm	32.1	41
<i>Cucubalus baccifer</i>		30.7	
<i>Senecio sarracenicus</i>	Dm	28.5	
<i>Impatiens glandulifera</i>	Dm	24.8	41
<i>Cuscuta europaea</i>		24.4	41
<i>Chaerophyllum bulbosum</i>		21.7	41
<i>Humulus lupulus</i>		21.0	

Constant species (6)

<i>Urtica dioica</i>	Dm	97.0	02, 13DA, 21BD, 30, 30AA, 30AC, 31, 31AA, 31BA, 32, 32AA, 32AAA, 32AAB, 32AC, 32ADB, 36, 36AA, 37, 37AB, 37BA, 39AB, 41, 41BA, 41CA, 41CB, 41CC
<i>Galium aparine</i>	Dm	83.0	30, 30AA, 30AC, 32AAB, 36, 36AA, 37AB, 39, 39BA, 39BB, 41, 41CA, 41CC, 44, 44AA, 44AB, 44BA
<i>Calystegia sepium</i>	Dg, Dm	73.0	30, 30AC
<i>Aegopodium podagraria</i>		62.0	30, 30AA, 30AC, 32AA, 32AAA, 32AAB, 41, 41BA, 41CC
<i>Artemisia vulgaris</i>		52.0	39, 39AD, 40, 40AA, 40AB, 41, 41CB, 42
<i>Phalaris arundinacea</i>		49.0	13DA, 13ED, 21BC, 21BD, 30, 30AA, 30AC, 31

Dominant species (8)

<i>Urtica dioica</i>	C	17.0	13DA, 30, 30AA, 30AC, 32AA, 37BA, 41, 41CA, 41CB, 41CC
<i>Impatiens glandulifera</i>	Dg	14.0	41, 41CA
<i>Senecio sarracenicus</i>	Dg	10.0	
<i>Galium aparine</i>	C	6.0	
<i>Salix alba</i>		3.0	30, 30AC
<i>Rubus caesius</i>		3.0	
<i>Helianthus tuberosus</i>		3.0	
<i>Calystegia sepium</i>	Dg, C	3.0	

Alliance 41BA *Petasition officinalis***Alluvial tall-forb vegetation with *Petasites* spp.**

No. of relevés: 91

Diagnostic species (3)

<i>Petasites hybridus</i>	C, Dm	36.3	41
<i>Chaerophyllum hirsutum</i>	C	20.8	21BB, 32AA, 32AAA
<i>Petasites kablikianus</i>	Dm	20.4	

Constant species (6)

<i>Chaerophyllum hirsutum</i>	Dg	73.0	06, 06AA, 18, 18AB, 18AC, 28, 28AA, 30, 32AAA
<i>Urtica dioica</i>		67.0	02, 13DA, 21BD, 30, 30AA, 30AC, 31, 31AA, 31BA, 32, 32AA, 32AAA, 32AAB, 32AC, 32ADB, 36, 36AA, 37, 37AB, 37BA, 39AB, 41, 41AA, 41CA, 41CB, 41CC
<i>Petasites hybridus</i>	Dg, Dm	53.0	
<i>Stellaria nemorosa</i>		44.0	06, 06AA, 06AB, 18, 32ADB, 35BA
<i>Aegopodium podagraria</i>	Dm	44.0	30, 30AA, 30AC, 32AA, 32AAA, 32AAB, 41, 41AA, 41CC
<i>Petasites albus</i>	Dm	42.0	06AA, 32ADB
Dominant species (4)			
<i>Petasites hybridus</i>	Dg, C	51.0	41, 41CC
<i>Petasites albus</i>	C	22.0	06, 06AA, 06AB, 18, 18AB, 32ADD, 41
<i>Petasites kablikianus</i>	Dg	7.0	

Aegopodium podagraria C 3.0 41, 41CC

Alliance 41CA *Galio-Alliarion*

Vegetation of mesic forest fringes on eutrophic soils

No. of relevés: 15

Diagnostic species (1)

Anthriscus cerefolium Dm 22.3

Constant species (4)

Urtica dioica Dm 53.0 02, 13DA, 21BD, 30, 30AA, 30AC, 31, 31AA, 31BA, 32, 32AA, 32AAA, 32AAB, 32AC, 32ADB, 36, 36AA, 37, 37AB, 37BA, 39AB, 41, 41AA, 41BA, 41CB, 41CC

Poa nemoralis Dm 53.0 29, 32, 32AB, 32AC, 32ADA, 32ADC, 32BA, 32BB, 32BC, 33, 33AA, 36, 37, 37AA, 37AB, 37BA

Geranium robertianum 53.0 01AB, 03, 18BA, 32, 32AC, 36, 37AB

Galium aparine 53.0 30, 30AA, 30AC, 32AAB, 36, 36AA, 37AB, 39, 39BA, 39BB, 41, 41AA, 41CC, 44, 44AA, 44AB, 44BA

Dominant species (4)

Urtica dioica C 7.0 13DA, 30, 30AA, 30AC, 32AA, 37BA, 41, 41AA, 41CB, 41CC

Poa nemoralis C 7.0 32BB, 32BC, 36

Impatiens glandulifera 7.0 41, 41AA

Anthriscus cerefolium Dg 7.0

Alliance 41CB *Arction lappae*

Tall perennial mesophilous ruderal vegetation

No. of relevés: 97

Diagnostic species (8)

Ballota nigra C, Dm 37.1 39AD, 41

Lamium album C 34.5 41

Arctium tomentosum 31.1 41

Chenopodium bonus-henricus 28.3

Leonurus cardiaca 27.8

Artemisia vulgaris C, Dm 26.3 39, 39AD, 40, 40AB, 41

Arctium minus 23.9

Arctium lappa 18.1

Constant species (8)

Urtica dioica Dm 81.0 02, 13DA, 21BD, 30, 30AA, 30AC, 31, 31AA, 31BA, 32, 32AA, 32AAA, 32AAB, 32AC, 32ADB, 36, 36AA, 37, 37AB, 37BA, 39AB, 41, 41AA, 41BA, 41CA, 41CC

Artemisia vulgaris Dg, Dm 81.0 39, 39AD, 40, 40AA, 40AB, 41, 41AA, 42

Elytrigia repens Dm 58.0 26AEC, 39, 39AD, 39BA, 39BB, 39BC, 39CA, 40, 40AA, 41, 41CC, 42, 42AA, 44, 44AA, 44AB, 44AC, 44BA

Taraxacum sect. *Ruderalia* 53.0 02, 02AA, 21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BC, 37AB, 39, 39AA, 39AB, 39AC, 39BA, 39BB, 39BC, 39CA, 40, 40AB, 41, 41CC, 42, 43, 43AAA, 43BA, 44, 44AA, 44AC, 44BA

Ballota nigra Dg, Dm 53.0 40AA

Anthriscus sylvestris 51.0 30, 41

Lamium album Dg 49.0

Achillea millefolium agg. 41.0 21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BE, 22, 22AB, 22AD, 23, 24, 24AA, 25, 25AD, 26, 26AD, 26AE, 26AEA, 26AEB, 26AEC, 26BA,

			26BB, 27, 27AA, 27AB, 39AC, 40, 40AA, 40AB, 42, 42AA, 44AC
Dominant species (4)			
<i>Artemisia vulgaris</i>	Dg, C	11.0	
<i>Ballota nigra</i>	Dg, C	8.0	
<i>Urtica dioica</i>	C	6.0	13DA, 30, 30AA, 30AC, 32AA, 37BA, 41, 41AA, 41CA, 41CC
<i>Elytrigia repens</i>	C	3.0	26AEC, 42, 42AA

Alliance 41CC *Aegopodion podagrariae*Perennial mesophilous ruderal vegetation dominated by *Apiaceae*

No. of relevés: 73

Diagnostic species (0)**Constant species (8)**

<i>Urtica dioica</i>	Dm	75.0	02, 13DA, 21BD, 30, 30AA, 30AC, 31, 31AA, 31BA, 32, 32AA, 32AAA, 32AAB, 32AC, 32ADB, 36, 36AA, 37, 37AB, 37BA, 39AB, 41, 41AA, 41BA, 41CA, 41CB
<i>Aegopodium podagraria</i>	Dm	66.0	30, 30AA, 30AC, 32AA, 32AAA, 32AAB, 41, 41AA, 41BA
<i>Dactylis glomerata</i>		55.0	21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 27, 32BB, 37AB, 41
<i>Elytrigia repens</i>		52.0	26AEC, 39, 39AD, 39BA, 39BB, 39BC, 39CA, 40, 40AA, 41, 41CB, 42, 42AA, 44, 44AA, 44AB, 44AC, 44BA
<i>Taraxacum</i> sect. <i>Ruderalia</i>		44.0	02, 02AA, 21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BC, 37AB, 39, 39AA, 39AB, 39AC, 39BA, 39BB, 39BC, 39CA, 40, 40AB, 41, 41CB, 42, 43, 43AAA, 43BA, 44, 44AA, 44AC, 44BA
<i>Heracleum sphondylium</i>		42.0	21AA, 21AB, 30, 41
<i>Galium aparine</i>		42.0	30, 30AA, 30AC, 32AAB, 36, 36AA, 37AB, 39, 39BA, 39BB, 41, 41AA, 41CA, 44, 44AA, 44AB, 44BA
<i>Poa trivialis</i>		41.0	21, 21ACA, 21BA, 21BB, 21BBA, 21BBB, 21BC, 30, 30AC, 41, 43AAB

Dominant species (8)

<i>Urtica dioica</i>	C	11.0	13DA, 30, 30AA, 30AC, 32AA, 37BA, 41, 41AA, 41CA, 41CB
<i>Chaerophyllum aromaticum</i>		11.0	
<i>Chaerophyllum aureum</i>		8.0	
<i>Petasites hybridus</i>		7.0	41, 41BA
<i>Aegopodium podagraria</i>	C	7.0	41, 41BA
<i>Anthriscus nitida</i>		5.0	
<i>Chaerophyllum bulbosum</i>		4.0	
<i>Cirsium oleraceum</i>		4.0	21BB, 21BBA

Alliance 41CD *Rumicion alpini*Montane ruderal vegetation with *Rumex alpinus*

No. of relevés: 3

Diagnostic species (1)

<i>Rumex alpinus</i>	C, Dm	77.5	
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Constant species (6)

<i>Rumex alpinus</i>	Dg, Dm	100.0	
<i>Veratrum album</i> ssp. <i>lobelianum</i>		67.0	06, 06BA, 06BB, 28, 28AA
<i>Silene dioica</i>		67.0	21AB
<i>Rumex arifolius</i>		67.0	06, 06AA, 06BC, 28, 28AA

<i>Deschampsia cespitosa</i>	67.0	06, 06AA, 06BC, 18AC, 21, 21AB, 21BA, 21BB, 21BBA, 21BE, 22, 22AD, 28, 31, 31AA, 32AA, 32AAA, 32AAB, 32ADD
<i>Agrostis capillaris</i>	67.0	21, 21AB, 21AC, 21ACA, 21ACB, 22, 22AA, 22AB, 22AC, 22AD, 24, 25AD, 37, 37AA
Dominant species (1)		
<i>Rumex alpinus</i>	Dg, C 100.0	

Class 42 AGROPYRETEA REPENTIS and Alliance 42AA Convolvulo-Agropyron

Perennial thermophilous ruderal vegetation on disturbed loamy soils

No. of relevés: 65

Diagnostic species (0)

Constant species (10)

<i>Elytrigia repens</i>	Dm	49.0	26AEC, 39, 39AD, 39BA, 39BB, 39BC, 39CA, 40, 40AA, 41, 41CB, 41CC, 44, 44AA, 44AB, 44AC, 44BA
<i>Achillea millefolium</i> agg.		48.0	21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BE, 22, 22AB, 22AD, 23, 24, 24AA, 25, 25AD, 26, 26AD, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 27AB, 39AC, 40, 40AA, 40AB, 41CB, 44AC
<i>Convolvulus arvensis</i> (<i>Artemisia vulgaris</i>) (<i>Poa pratensis</i> agg.)	Dm	43.0 40.0 34.0	39, 39AC, 39BC, 44, 44AA, 44AB 39, 39AD, 40, 40AA, 40AB, 41, 41AA, 41CB 21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BBA, 21BC, 21BE, 25AD, 26, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 29, 40
(<i>Taraxacum</i> sect. <i>Ruderalia</i>)		29.0	02, 02AA, 21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BC, 37AB, 39, 39AA, 39AB, 39AC, 39BA, 39BB, 39BC, 39CA, 40, 40AB, 41, 41CB, 41CC, 43, 43AAA, 43BA, 44, 44AA, 44AC, 44BA
(<i>Tussilago farfara</i>) (<i>Poa compressa</i>) (<i>Lolium perenne</i>)	Dm	28.0 28.0 28.0	40 02, 02AA, 25AA, 40 21AC, 21ACA, 39AA, 39AB, 39AC, 39CA, 43, 43AAA, 43BA
(<i>Daucus carota</i> ssp. <i>carota</i>)		26.0	40, 40AB
Dominant species (4)			
<i>Tussilago farfara</i>	C	11.0	40, 40AB
<i>Elytrigia repens</i>	C	11.0	26AEC, 41CB
<i>Convolvulus arvensis</i>	C	3.0	
<i>Calamagrostis epigejos</i>		3.0	37, 37AA

Class 43 PLANTAGINETEA MAJORIS

Vegetation of trampled habitats

No. of relevés: 699

Diagnostic species (12)

<i>Lolium perenne</i>	C	40.1	21ACA, 39, 43BA
<i>Plantago major</i> agg.	C	37.6	43BA, 44
<i>Matricaria discoidea</i>	C	35.2	43BA, 44, 44BA
<i>Poa annua</i>	C	34.8	39, 43BA, 44, 44BA
<i>Sclerochloa dura</i>		30.7	43BA
<i>Polygonum aviculare</i> agg.	C, Dm	29.7	39, 43BA, 44, 44AA, 44BA
<i>Potentilla anserina</i>	Dm	27.6	43AA, 43AAA, 43AAB
<i>Lepidium ruderae</i>		24.3	43BA
<i>Trifolium fragiferum</i>		23.5	17AA, 43AA, 43AAA, 43AAB
<i>Juncus compressus</i>		20.3	43AA, 43AAB

<i>Coronopus squamatus</i>		20.0	43BA
<i>Juncus tenuis</i>		19.7	
Constant species (9)			
<i>Plantago major</i> agg.	Dg	56.0	12, 12AC, 17, 21ACA, 39, 39AA, 39AC, 39BB, 43AAA, 43BA, 44, 44AB, 44AC
<i>Lolium perenne</i>	Dg	44.0	21AC, 21ACA, 39AA, 39AB, 39AC, 39CA, 42, 43AAA, 43BA
<i>Taraxacum</i> sect. <i>Ruderalia</i>		43.0	02, 02AA, 21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BC, 37AB, 39, 39AA, 39AB, 39AC, 39BA, 39BB, 39BC, 39CA, 40, 40AB, 41, 41CB, 41CC, 42, 43AAA, 43BA, 44, 44AA, 44AC, 44BA
<i>Poa annua</i>	Dg	43.0	39, 39AA, 39AC, 39BB, 43BA, 44, 44AB, 44BA
<i>Polygonum aviculare</i> agg.	Dg, Dm	42.0	17, 17BA, 39, 39AA, 39AB, 39AC, 39AD, 39BB, 39CA, 43BA, 44, 44AA, 44AB, 44AC, 44BA
<i>Trifolium repens</i>		32.0	21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 39BB
<i>Ranunculus repens</i>		28.0	18, 18AA, 21, 21ACA, 21BA, 21BBA, 21BC, 30, 30AA, 31, 31AA, 38, 39BB, 41, 43AA, 43AAA, 43AAB
<i>Matricaria discoidea</i>	Dg	28.0	39AA, 43BA
<i>Agrostis stolonifera</i>	Dm	27.0	17, 17AA, 43AA, 43AAA, 43AAB
Dominant species (4)			
<i>Polygonum aviculare</i> agg.	Dg, C	6.0	43BA
<i>Juncus effusus</i>		5.0	37AC, 43AA, 43AAC
<i>Potentilla anserina</i>	Dg	3.0	17, 17AA, 43AA, 43AAA, 43AAB
<i>Agrostis stolonifera</i>	C	3.0	43AA, 43AAA

Alliance 43AA *Agropyro-Rumicion crispi*

Trampled vegetation of wet and saline soils

No. of relevés: 270

Diagnostic species (11)

<i>Trifolium fragiferum</i>		38.3	17AA, 43, 43AAA, 43AAB
<i>Potentilla anserina</i>	C, Dm	31.2	43, 43AAA, 43AAB
<i>Lotus tenuis</i>		29.2	17, 43AAB
<i>Melilotus dentatus</i>		26.9	43AAB
<i>Juncus compressus</i>		24.5	43, 43AAB
<i>Carex otrubae</i>		23.5	43AAB
<i>Juncus inflexus</i>	Dm	22.2	43AAB
<i>Carex distans</i>		21.4	43AAB
<i>Pulegium vulgare</i>		20.5	21BC, 43AAB
<i>Agrostis stolonifera</i>	C, Dm	19.4	21BB, 21BBA
<i>Potentilla reptans</i>		18.2	21BC
Constant species (3)			
<i>Agrostis stolonifera</i>	Dg, Dm	50.0	17, 17AA, 43, 43AAA, 43AAB
<i>Ranunculus repens</i>		47.0	18, 18AA, 21, 21ACA, 21BA, 21BBA, 21BC, 30, 30AA, 31, 31AA, 38, 39BB, 41, 43, 43AAA, 43AAB
<i>Potentilla anserina</i>	Dg, Dm	44.0	17, 17AA, 17BA, 43AAA, 43AAB
Dominant species (4)			
<i>Juncus effusus</i>		11.0	37AC, 43, 43AAC
<i>Potentilla anserina</i>	Dg, C	7.0	17, 17AA, 43, 43AAA, 43AAB
<i>Juncus inflexus</i>	Dg	6.0	43AAB
<i>Agrostis stolonifera</i>	Dg, C	4.0	43, 43AAA

Suballiance 43AAA *Ranunculo repentis-Rumicenion crispi***Trampled vegetation of wet soils**

No. of relevés: 41

Diagnostic species (2)

<i>Potentilla anserina</i>	C, Dm	21.0	43, 43AA, 43AAB
<i>Trifolium fragiferum</i>		19.6	17AA, 43, 43AA, 43AAB

Constant species (6)

<i>Potentilla anserina</i>	Dg, Dm	76.0	17, 17AA, 17BA, 43AA, 43AAB
<i>Plantago major</i> agg.		71.0	12, 12AC, 17, 21ACA, 39, 39AA, 39AC, 39BB, 43, 43BA, 44, 44AB, 44AC
<i>Agrostis stolonifera</i>	Dm	59.0	17, 17AA, 43, 43AA, 43AAB
<i>Lolium perenne</i>	Dm	56.0	21AC, 21ACA, 39AA, 39AB, 39AC, 39CA, 42, 43, 43BA
<i>Taraxacum</i> sect. <i>Ruderalia</i>		46.0	02, 02AA, 21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BC, 37AB, 39, 39AA, 39AB, 39AC, 39BA, 39BB, 39BC, 39CA, 40, 40AB, 41, 41CB, 41CC, 42, 43, 43BA, 44, 44AA, 44AC, 44BA
<i>Ranunculus repens</i>		44.0	18, 18AA, 21, 21ACA, 21BA, 21BBA, 21BC, 30, 30AA, 31, 31AA, 38, 39BB, 41, 43, 43AA, 43AAB

Dominant species (3)

<i>Potentilla anserina</i>	Dg, C	27.0	17, 17AA, 43, 43AA, 43AAB
<i>Agrostis stolonifera</i>	C	20.0	43, 43AA
<i>Lolium perenne</i>	C	5.0	21ACA, 43BA

Suballiance 43AAB *Loto-Trifolienion***Trampled vegetation of saline soils**

No. of relevés: 105

Diagnostic species (14)

<i>Trifolium fragiferum</i>		38.2	17AA, 43, 43AA, 43AAA
<i>Lotus tenuis</i>		36.8	17, 43AA
<i>Juncus inflexus</i>	C, Dm	33.3	43AA
<i>Carex distans</i>	Dm	31.7	43AA
<i>Pulegium vulgare</i>		30.4	21BC, 43AA
<i>Carex otrubae</i>	Dm	28.2	43AA
<i>Juncus gerardii</i>		26.0	13BA, 17, 17AA
<i>Juncus compressus</i>		24.4	43, 43AA
<i>Pulicaria vulgaris</i>		24.3	43AA
<i>Melilotus dentatus</i>		23.7	43AA
<i>Centaureum pulchellum</i>		21.6	
<i>Potentilla anserina</i>	C, Dm	20.4	43, 43AA, 43AAA
<i>Mentha longifolia</i>	Dm	19.0	
<i>Odonites vernus</i>		18.5	

Constant species (6)

<i>Agrostis stolonifera</i>		61.0	17, 17AA, 43, 43AA, 43AAA
<i>Ranunculus repens</i>		58.0	18, 18AA, 21, 21ACA, 21BA, 21BBA, 21BC, 30, 30AA, 31, 31AA, 38, 39BB, 41, 43, 43AA, 43AAA
<i>Juncus inflexus</i>	Dg, Dm	56.0	
<i>Carex hirta</i>		48.0	
<i>Potentilla anserina</i>	Dg, Dm	47.0	17, 17AA, 17BA, 43AA, 43AAA
<i>Poa trivialis</i>		45.0	21, 21ACA, 21BA, 21BB, 21BBA, 21BBB, 21BC, 30, 30AC, 41, 41CC

Dominant species (5)

<i>Juncus inflexus</i>	Dg, C	16.0	43AA
<i>Potentilla anserina</i>	Dg, C	8.0	17, 17AA, 43, 43AA, 43AAA
<i>Mentha longifolia</i>	Dg	7.0	

<i>Carex distans</i>	Dg	6.0	
<i>Carex otrubae</i>	Dg	4.0	

Suballiance 43AAC *Juncenion effusi*Trampled vegetation of wet soils with *Juncus effusus*

No. of relevés: 53

Diagnostic species (0)**Constant species (1)**

<i>Juncus effusus</i>	Dm	96.0	21BB, 21BBA, 37, 37AC
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Dominant species (1)

<i>Juncus effusus</i>	C	55.0	37AC, 43, 43AA
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Alliance 43BA *Polygonion avicularis*

Trampled vegetation of mesic and dry soils

No. of relevés: 334

Diagnostic species (10)

<i>Matricaria discoidea</i>	C	46.2	43, 44, 44BA
<i>Sclerochloa dura</i>		44.8	43
<i>Lolium perenne</i>	C, Dm	40.8	21ACA, 39, 43
<i>Polygonum aviculare</i> agg.	C, Dm	38.8	39, 43, 44, 44AA, 44BA
<i>Poa annua</i>	C, Dm	36.8	39, 43, 44, 44BA
<i>Lepidium ruderales</i>		35.8	43
<i>Plantago major</i> agg.	C	32.1	43, 44
<i>Coronopus squamatus</i>		27.3	43
<i>Eragrostis minor</i>		22.3	39CA
<i>Bryum argenteum</i>		19.8	

Constant species (6)

<i>Polygonum aviculare</i> agg.	Dg, Dm	75.0	17, 17BA, 39, 39AA, 39AB, 39AC, 39AD, 39BB, 39CA, 43, 44, 44AA, 44AB, 44AC, 44BA
<i>Plantago major</i> agg.	Dg	68.0	12, 12AC, 17, 21ACA, 39, 39AA, 39AC, 39BB, 43, 43AAA, 44, 44AB, 44AC
<i>Poa annua</i>	Dg, Dm	64.0	39, 39AA, 39AC, 39BB, 43, 44, 44AB, 44BA
<i>Lolium perenne</i>	Dg, Dm	64.0	21AC, 21ACA, 39AA, 39AB, 39AC, 39CA, 42, 43, 43AAA
<i>Matricaria discoidea</i>	Dg	51.0	39AA, 43
<i>Taraxacum</i> sect. <i>Ruderalia</i>		50.0	02, 02AA, 21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BC, 37AB, 39, 39AA, 39AB, 39AC, 39BA, 39BB, 39BC, 39CA, 40, 40AB, 41, 41CB, 41CC, 42, 43, 43AAA, 44, 44AA, 44AC, 44BA

Dominant species (3)

<i>Polygonum aviculare</i> agg.	Dg, C	12.0	43
<i>Poa annua</i>	Dg, C	4.0	
<i>Lolium perenne</i>	Dg, C	4.0	21ACA, 43AAA

Class 44 *SECALIETEA*

Weed vegetation of cereal fields and fodder-plant cultures

No. of relevés: 873

Diagnostic species (85)

<i>Viola arvensis</i>	C	71.1	39, 39BA, 44AA, 44BA
<i>Fallopia convolvulus</i>	C	68.8	44AA, 44AB, 44BA
<i>Anagallis arvensis</i>	C	65.4	44AA, 44AB, 44BA
<i>Thlaspi arvense</i>	C	61.0	39, 39BA, 44AA, 44AB, 44BA
<i>Veronica persica</i>	C	59.2	39, 39BA, 44AA, 44AB, 44BA
<i>Stellaria media</i> agg.	C	57.6	39, 39BA, 44AA, 44AB, 44BA
<i>Silene noctiflora</i>	C	56.2	44AA
<i>Myosotis arvensis</i>	C	56.0	39, 39BA, 44AA, 44AB, 44BA

<i>Polygonum aviculare</i> agg.	C	54.5	39, 43, 43BA, 44AA, 44BA
<i>Papaver rhoeas</i>	C	52.5	44AA
<i>Capsella bursa-pastoris</i>	C	52.2	39, 39BA, 44AA, 44BA
<i>Consolida regalis</i>	C	52.1	44AA
<i>Chenopodium album</i> agg.	C	51.7	39, 39AD, 44AA, 44BA
<i>Sinapis arvensis</i>	C	50.6	44AA, 44AC
<i>Tripleurospermum inodorum</i>	C	49.4	39, 39BA, 44AA, 44BA
<i>Avena fatua</i>	C	47.7	44AA, 44AB
<i>Euphorbia exigua</i>		47.6	44AA
<i>Euphorbia helioscopia</i>	C	46.8	39, 39BA, 44AA
<i>Centaurea cyanus</i>		46.8	44AB, 44BA
<i>Lamium amplexicaule</i>	C	46.3	39BA, 44AA
<i>Cirsium arvense</i>	C	45.5	39, 44AA, 44BA
<i>Raphanus raphanistrum</i>	C	45.2	44AA, 44AB, 44BA
<i>Neslia paniculata</i>		44.7	44AA, 44AB
<i>Aethusa cynapium</i> agg.	C	44.7	44AA, 44AB
<i>Veronica polita</i>	C	43.8	44AA, 44AC
<i>Vicia angustifolia</i>	C	43.1	44AA, 44BA
<i>Sonchus asper</i>	C	42.8	44AA
<i>Sherardia arvensis</i>		42.8	44AA, 44AB
<i>Apera spica-venti</i>		41.7	44BA
<i>Lapsana communis</i>	C	41.2	39, 39BA, 44AB, 44BA
<i>Scleranthus annuus</i>		40.2	44AB, 44BA
<i>Sonchus arvensis</i>	C	38.7	39, 39BA, 44AA, 44BA
<i>Lamium purpureum</i>	C	38.6	39, 39BA, 44AA, 44BA
<i>Geranium pusillum</i>		38.6	44AA
<i>Atriplex patula</i>	C	37.7	39, 44AA
<i>Convolvulus arvensis</i>	C	37.0	39, 44AA
<i>Galium aparine</i>	C	36.4	39BA, 41, 44AA, 44BA
<i>Elytrigia repens</i>	C	35.2	39, 41, 44AA, 44BA
<i>Lathyrus tuberosus</i>		35.1	44AA
<i>Veronica arvensis</i>	C	35.0	44BA
<i>Descurainia sophia</i>		34.1	44AA
<i>Anthemis arvensis</i>		33.9	44AB, 44BA
<i>Aphanes arvensis</i>		33.7	44BA
<i>Galium spurium</i>		32.7	44AA
<i>Spergula arvensis</i>		32.5	39BB, 44AB, 44BA
<i>Fumaria officinalis</i>		32.4	44AA
<i>Valerianella dentata</i>		32.1	44AB
<i>Vicia hirsuta</i>		31.9	44AB, 44BA
<i>Erodium cicutarium</i>		31.0	44AA
<i>Veronica hederifolia</i> agg.		30.9	39, 39BA, 44AA
<i>Adonis aestivalis</i>		30.9	44AA
<i>Persicaria maculosa</i>		30.2	44BA
<i>Persicaria lapathifolia</i>	C	30.0	12, 12AA, 38, 38AA, 44BA
<i>Geranium dissectum</i>		29.3	39BA, 44BA
<i>Matricaria recutita</i>		28.3	44BA
<i>Galeopsis tetrahit</i>	C	27.8	44BA
<i>Vicia tetrasperma</i>		27.7	44BA
<i>Poa annua</i>	C	27.4	39, 43, 43BA, 44BA
<i>Rumex crispus</i>	C	26.7	
<i>Stachys palustris</i>		25.4	
<i>Lycopsis arvensis</i>		25.4	44AB, 44BA
<i>Plantago major</i> agg.	C	25.2	43, 43BA
<i>Lithospermum arvense</i>		25.1	44AA
<i>Papaver argemone</i>		24.3	44AA
<i>Anthemis austriaca</i>		24.3	44AA
<i>Anagallis foemina</i>		24.3	44AA
<i>Ranunculus arvensis</i>		23.2	
<i>Matricaria discoidea</i>		22.2	43, 43BA, 44BA

<i>Microrrhinum minus</i>		21.2	44AA
<i>Medicago lupulina</i>		21.1	44AA
<i>Fumaria vaillantii</i>		21.0	44AA
<i>Caucalis platycarpus</i>		21.0	44AA
<i>Sonchus oleraceus</i>		20.8	39, 39AD
<i>Arabidopsis thaliana</i>		20.7	44BA
<i>Erysimum cheiranthoides</i>		20.4	
<i>Stachys annua</i>		19.9	44AA
<i>Euphorbia falcata</i>		19.9	44AA
<i>Kickxia spuria</i>		19.7	44AA
<i>Conringia orientalis</i>		18.5	44AA
<i>Veronica triphyllos</i>		18.2	44AA
<i>Campanula rapunculoides</i>		18.1	32AB
Constant species (38)			
<i>Viola arvensis</i>	Dg	81.0	39, 39BA, 39BB, 44AA, 44AB, 44AC, 44BA
<i>Fallopia convolvulus</i>	Dg	75.0	39, 39BB, 44AA, 44AB, 44AC, 44BA
<i>Stellaria media</i> agg.	Dg	71.0	39, 39BA, 39BB, 39BC, 44AA, 44AB, 44AC, 44BA
<i>Cirsium arvense</i>	Dg	69.0	21BC, 21BD, 37AB, 39, 39BA, 39BB, 39BC, 40, 40AB, 44AA, 44AB, 44AC, 44BA
<i>Polygonum aviculare</i> agg.	Dg	65.0	17, 17BA, 39, 39AA, 39AB, 39AC, 39AD, 39BB, 39CA, 43, 43BA, 44AA, 44AB, 44AC, 44BA
<i>Tripleurospermum inodorum</i>	Dg	61.0	38, 39, 39AC, 39AD, 39BA, 39BB, 39BC, 39CA, 40, 40AB, 44AA, 44AB, 44AC, 44BA
<i>Capsella bursa-pastoris</i>	Dg	60.0	39, 39AA, 39AC, 39BA, 39BB, 39BC, 44AA, 44AB, 44AC, 44BA
<i>Chenopodium album</i> agg.	Dg	59.0	39, 39AA, 39AC, 39AD, 39BB, 39BC, 39CA, 44AA, 44AB, 44AC, 44BA
<i>Galium aparine</i>	Dg	59.0	30, 30AA, 30AC, 32AAB, 36, 36AA, 37AB, 39, 39BA, 39BB, 41, 41AA, 41CA, 41CC, 44AA, 44AB, 44BA
<i>Veronica persica</i>	Dg	56.0	39, 39BA, 39BB, 39BC, 44AA, 44AB, 44AC, 44BA
<i>Thlaspi arvense</i>	Dg	56.0	39, 39BA, 39BB, 44AA, 44AB, 44AC, 44BA
<i>Elytrigia repens</i>	Dg	55.0	26AEC, 39, 39AD, 39BA, 39BB, 39BC, 39CA, 40, 40AA, 41, 41CB, 41CC, 42, 42AA, 44AA, 44AB, 44AC, 44BA
<i>Anagallis arvensis</i>	Dg	55.0	39BB, 44AA, 44AB, 44BA
<i>Myosotis arvensis</i>	Dg	54.0	39, 39BA, 39BB, 44AB, 44BA
<i>Convolvulus arvensis</i>	Dg	49.0	39, 39AC, 39BC, 42, 42AA, 44AA, 44AB
<i>Taraxacum</i> sect. <i>Ruderalia</i>		47.0	02, 02AA, 21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BC, 37AB, 39, 39AA, 39AB, 39AC, 39BA, 39BB, 39BC, 39CA, 40, 40AB, 41, 41CB, 41CC, 42, 43, 43AAA, 43BA, 44AA, 44AC, 44BA
<i>Lapsana communis</i>	Dg	40.0	39BB, 44AB, 44BA
<i>Silene noctiflora</i>	Dg	37.0	44AA
<i>Papaver rhoeas</i>	Dg	37.0	44AA
<i>Plantago major</i> agg.	Dg	36.0	12, 12AC, 17, 21ACA, 39, 39AA, 39AC, 39BB, 43, 43AAA, 43BA, 44AB, 44AC
<i>Sinapis arvensis</i>	Dg	35.0	44AA, 44AC
<i>Euphorbia helioscopia</i>	Dg	33.0	39BB, 39BC, 44AA, 44AB
<i>Consolida regalis</i>	Dg	33.0	44AA, 44AC
<i>Veronica arvensis</i>	Dg	32.0	44AB, 44BA
<i>Poa annua</i>	Dg	32.0	39, 39AA, 39AC, 39BB, 43, 43BA, 44AB, 44BA
<i>Lamium purpureum</i>	Dg	32.0	39, 39BA, 39BB
<i>Lamium amplexicaule</i>	Dg	31.0	
<i>Galeopsis tetrahit</i>	Dg	31.0	44AB, 44BA
<i>Avena fatua</i>	Dg	30.0	44AA, 44AB
<i>Vicia angustifolia</i>	Dg	29.0	

<i>Sonchus asper</i>	Dg	28.0	44AB
<i>Persicaria lapathifolia</i>	Dg	28.0	12, 12AA, 38, 38AA, 39AA, 39BB, 44AB
<i>Rumex crispus</i>	Dg	27.0	21BC, 44AB, 44AC
<i>Atriplex patula</i>	Dg	27.0	39AA, 44AB, 44AC
<i>Aethusa cynapium</i> agg.	Dg	27.0	44AB
<i>Veronica polita</i>	Dg	26.0	44AA, 44AC
<i>Sonchus arvensis</i>	Dg	26.0	44AB
<i>Raphanus raphanistrum</i>	Dg	26.0	44AB

Dominant species (0)

Alliance 44AA *Caucalidion lappulae*

Basiphilous weed vegetation of cereal fields in warm and dry areas

No. of relevés: 373

Diagnostic species (57)

<i>Silene noctiflora</i>	C	67.7	44
<i>Consolida regalis</i>	C	64.0	44
<i>Euphorbia exigua</i>	C	60.9	44
<i>Papaver rhoeas</i>	C	51.0	44
<i>Anagallis arvensis</i>	C	49.9	44, 44AB, 44BA
<i>Sinapis arvensis</i>	C	46.9	44, 44AC
<i>Veronica polita</i>	C	45.7	44, 44AC
<i>Avena fatua</i>	C	45.4	44, 44AB
<i>Descurainia sophia</i>	C	45.1	44
<i>Lathyrus tuberosus</i>		44.2	44
<i>Viola arvensis</i>	C	43.9	39, 39BA, 44, 44BA
<i>Fallopia convolvulus</i>	C	43.9	44, 44AB, 44BA
<i>Adonis aestivalis</i>		42.5	44
<i>Veronica persica</i>	C	39.6	39, 39BA, 44, 44AB, 44BA
<i>Polygonum aviculare</i> agg.	C	39.6	39, 43, 43BA, 44, 44BA
<i>Thlaspi arvense</i>	C	38.8	39, 39BA, 44, 44AB, 44BA
<i>Lamium amplexicaule</i>		38.7	39BA, 44
<i>Sherardia arvensis</i>		38.4	44, 44AB
<i>Euphorbia helioscopia</i>	C	38.0	39, 39BA, 44
<i>Sonchus asper</i>		37.1	44
<i>Aethusa cynapium</i> agg.		36.9	44, 44AB
<i>Chenopodium album</i> agg.	C	35.4	39, 39AD, 44, 44BA
<i>Galium spurium</i>		34.8	44
<i>Geranium pusillum</i>		33.5	44
<i>Convolvulus arvensis</i>	C	33.2	39, 44
<i>Atriplex patula</i>		32.6	39, 44
<i>Anagallis foemina</i>		32.0	44
<i>Anthemis austriaca</i>		31.7	44
<i>Caucalis platycarpos</i>		31.5	44
<i>Euphorbia falcata</i>		30.9	44
<i>Stellaria media</i> agg.	C	30.8	39, 39BA, 44, 44AB, 44BA
<i>Cirsium arvense</i>	C	30.6	39, 44, 44BA
<i>Fumaria vaillantii</i>		29.5	44
<i>Neslia paniculata</i>		29.4	44, 44AB
<i>Stachys annua</i>		29.1	44
<i>Tripleurospermum inodorum</i>	C	28.9	39, 39BA, 44, 44BA
<i>Capsella bursa-pastoris</i>	C	28.4	39, 39BA, 44, 44BA
<i>Kickxia spuria</i>		27.8	44
<i>Conringia orientalis</i>		26.7	44
<i>Sonchus arvensis</i>		24.8	39, 39BA, 44, 44BA
<i>Veronica hederifolia</i> agg.		24.0	39, 39BA, 44
<i>Fumaria officinalis</i>		22.9	44
<i>Erodium cicutarium</i>		22.8	44
<i>Elytrigia repens</i>	C	22.1	39, 41, 44, 44BA
<i>Medicago lupulina</i>		22.0	44

<i>Myosotis arvensis</i>		21.4	39, 39BA, 44, 44AB, 44BA
<i>Galium aparine</i>	C	21.4	39BA, 41, 44, 44BA
<i>Lithospermum arvense</i>		21.1	44
<i>Vicia angustifolia</i>		20.6	44, 44BA
<i>Galium tricornerutum</i>		19.2	
<i>Microrrhinum minus</i>		19.0	44
<i>Veronica triphyllos</i>		18.9	44
<i>Raphanus raphanistrum</i>		18.8	44, 44AB, 44BA
<i>Papaver argemone</i>		18.8	44
<i>Lamium purpureum</i>		18.7	39, 39BA, 44, 44BA
<i>Lactuca serriola</i>		18.4	39, 39AD
Constant species (24)			
<i>Viola arvensis</i>	Dg	78.0	39, 39BA, 39BB, 44, 44AB, 44AC, 44BA
<i>Fallopia convolvulus</i>	Dg	75.0	39, 39BB, 44, 44AB, 44AC, 44BA
<i>Polygonum aviculare</i> agg.	Dg	73.0	17, 17BA, 39, 39AA, 39AB, 39AC, 39AD, 39BB, 39CA, 43, 43BA, 44, 44AB, 44AC, 44BA
<i>Cirsium arvense</i>	Dg	71.0	21BC, 21BD, 37AB, 39, 39BA, 39BB, 39BC, 40, 40AB, 44, 44AB, 44AC, 44BA
<i>Silene noctiflora</i>	Dg	67.0	44
<i>Convolvulus arvensis</i>	Dg	65.0	39, 39AC, 39BC, 42, 42AA, 44, 44AB
<i>Anagallis arvensis</i>	Dg	64.0	39BB, 44, 44AB, 44BA
<i>Chenopodium album</i> agg.	Dg	62.0	39, 39AA, 39AC, 39AD, 39BB, 39BC, 39CA, 44, 44AB, 44AC, 44BA
<i>Consolida regalis</i>	Dg	61.0	44, 44AC
<i>Stellaria media</i> agg.	Dg	60.0	39, 39BA, 39BB, 39BC, 44, 44AB, 44AC, 44BA
<i>Veronica persica</i>	Dg	58.0	39, 39BA, 39BB, 39BC, 44, 44AB, 44AC, 44BA
<i>Tripleurospermum inodorum</i>	Dg	56.0	38, 39, 39AC, 39AD, 39BA, 39BB, 39BC, 39CA, 40, 40AB, 44, 44AB, 44AC, 44BA
<i>Thlaspi arvense</i>	Dg	55.0	39, 39BA, 39BB, 44, 44AB, 44AC, 44BA
<i>Papaver rhoeas</i>	Dg	55.0	44
<i>Galium aparine</i>	Dg	54.0	30, 30AA, 30AC, 32AAB, 36, 36AA, 37AB, 39, 39BA, 39BB, 41, 41AA, 41CA, 41CC, 44, 44AB, 44BA
<i>Elytrigia repens</i>	Dg	54.0	26AEC, 39, 39AD, 39BA, 39BB, 39BC, 39CA, 40, 40AA, 41, 41CB, 41CC, 42, 42AA, 44, 44AB, 44AC, 44BA
<i>Capsella bursa-pastoris</i>	Dg	51.0	39, 39AA, 39AC, 39BA, 39BB, 39BC, 44, 44AB, 44AC, 44BA
<i>Sinapis arvensis</i>	Dg	50.0	44, 44AC
<i>Euphorbia exigua</i>	Dg	48.0	
<i>Taraxacum</i> sect. <i>Ruderalia</i>		44.0	02, 02AA, 21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BC, 37AB, 39, 39AA, 39AB, 39AC, 39BA, 39BB, 39BC, 39CA, 40, 40AB, 41, 41CB, 41CC, 42, 43, 43AAA, 43BA, 44, 44AC, 44BA
<i>Avena fatua</i>	Dg	43.0	44, 44AB
<i>Veronica polita</i>	Dg	42.0	44, 44AC
<i>Euphorbia helioscopia</i>	Dg	42.0	39BB, 39BC, 44, 44AB
<i>Descurainia sophia</i>	Dg	41.0	
Dominant species (0)			

Alliance 44AB *Sherardion*

Weed vegetation of cereal fields in moderately warm and dry areas

No. of relevés: 60

Diagnostic species (21)

<i>Neslia paniculata</i>	C	28.4	44, 44AA
<i>Veronica agrestis</i>		28.1	

<i>Valerianella dentata</i>		27.7	44
<i>Sherardia arvensis</i>	C	27.3	44, 44AA
<i>Raphanus raphanistrum</i>	C	26.8	44, 44AA, 44BA
<i>Scleranthus annuus</i>	C	25.3	44, 44BA
<i>Fumaria rostellata</i>		25.2	
<i>Lycopsis arvensis</i>		24.6	44, 44BA
<i>Myosotis arvensis</i>	C	23.6	39, 39BA, 44, 44AA, 44BA
<i>Centaurea cyanus</i>	C	23.5	44, 44BA
<i>Lapsana communis</i>	C	23.3	39, 39BA, 44, 44BA
<i>Thlaspi arvense</i>	C	21.4	39, 39BA, 44, 44AA, 44BA
<i>Spergula arvensis</i>		21.4	39BB, 44, 44BA
<i>Fallopia convolvulus</i>	C	21.4	44, 44AA, 44BA
<i>Aethusa cynapium</i> agg.	C	21.0	44, 44AA
<i>Vicia hirsuta</i>	C	20.7	44, 44BA
<i>Anagallis arvensis</i>	C	20.7	44, 44AA, 44BA
<i>Anthemis arvensis</i>		19.6	44, 44BA
<i>Veronica persica</i>	C	19.3	39, 39BA, 44, 44AA, 44BA
<i>Stellaria media</i> agg.	C	18.0	39, 39BA, 44, 44AA, 44BA
<i>Avena fatua</i>	C	18.0	44, 44AA
Constant species (36)			
<i>Fallopia convolvulus</i>	Dg	90.0	39, 39BB, 44, 44AA, 44AC, 44BA
<i>Myosotis arvensis</i>	Dg	87.0	39, 39BA, 39BB, 44, 44BA
<i>Cirsium arvense</i>		87.0	21BC, 21BD, 37AB, 39, 39BA, 39BB, 39BC, 40, 40AB, 44, 44AA, 44AC, 44BA
<i>Stellaria media</i> agg.	Dg	85.0	39, 39BA, 39BB, 39BC, 44, 44AA, 44AC, 44BA
<i>Lapsana communis</i>	Dg	83.0	39BB, 44, 44BA
<i>Polygonum aviculare</i> agg.		80.0	17, 17BA, 39, 39AA, 39AB, 39AC, 39AD, 39BB, 39CA, 43, 43BA, 44, 44AA, 44AC, 44BA
<i>Viola arvensis</i>		78.0	39, 39BA, 39BB, 44, 44AA, 44AC, 44BA
<i>Thlaspi arvense</i>	Dg	75.0	39, 39BA, 39BB, 44, 44AA, 44AC, 44BA
<i>Tripleurospermum inodorum</i>		72.0	38, 39, 39AC, 39AD, 39BA, 39BB, 39BC, 39CA, 40, 40AB, 44, 44AA, 44AC, 44BA
<i>Veronica persica</i>	Dg	70.0	39, 39BA, 39BB, 39BC, 44, 44AA, 44AC, 44BA
<i>Galeopsis tetrahit</i>		68.0	44, 44BA
<i>Capsella bursa-pastoris</i>		67.0	39, 39AA, 39AC, 39BA, 39BB, 39BC, 44, 44AA, 44AC, 44BA
<i>Anagallis arvensis</i>	Dg	67.0	39BB, 44, 44AA, 44BA
<i>Convolvulus arvensis</i>		65.0	39, 39AC, 39BC, 42, 42AA, 44, 44AA
<i>Elytrigia repens</i>		63.0	26AEC, 39, 39AD, 39BA, 39BB, 39BC, 39CA, 40, 40AA, 41, 41CB, 41CC, 42, 42AA, 44, 44AA, 44AC, 44BA
<i>Chenopodium album</i> agg.		62.0	39, 39AA, 39AC, 39AD, 39BB, 39BC, 39CA, 44, 44AA, 44AC, 44BA
<i>Vicia hirsuta</i>	Dg	60.0	26AEB
<i>Raphanus raphanistrum</i>	Dg	58.0	44
<i>Galium aparine</i>		58.0	30, 30AA, 30AC, 32AAB, 36, 36AA, 37AB, 39, 39BA, 39BB, 41, 41AA, 41CA, 41CC, 44, 44AA, 44BA
<i>Veronica arvensis</i>		57.0	44, 44BA
<i>Poa annua</i>		55.0	39, 39AA, 39AC, 39BB, 43, 43BA, 44, 44BA
<i>Neslia paniculata</i>	Dg	53.0	
<i>Vicia tetrasperma</i>		52.0	37AB
<i>Scleranthus annuus</i>	Dg	52.0	
<i>Sherardia arvensis</i>	Dg	50.0	
<i>Rumex crispus</i>		50.0	21BC, 44, 44AC
<i>Euphorbia helioscopia</i>		48.0	39BB, 39BC, 44, 44AA
<i>Centaurea cyanus</i>	Dg	48.0	
<i>Aethusa cynapium</i> agg.	Dg	48.0	44
<i>Sonchus arvensis</i>		45.0	44

<i>Sonchus asper</i>		43.0	44
<i>Plantago major</i> agg.		43.0	12, 12AC, 17, 21ACA, 39, 39AA, 39AC, 39BB, 43, 43AAA, 43BA, 44, 44AC
<i>Campanula rapunculoides</i>		43.0	02
<i>Avena fatua</i>	Dg	43.0	44, 44AA
<i>Persicaria lapathifolia</i>		42.0	12, 12AA, 38, 38AA, 39AA, 39BB, 44
<i>Atriplex patula</i>		42.0	39AA, 44, 44AC
Dominant species (0)			

Alliance 44AC *Veronico politae-Taraxacion*

Weed vegetation of fodder-plant cultures

No. of relevés: 20

Diagnostic species (2)

<i>Veronica polita</i>	C	23.2	44, 44AA
<i>Sinapis arvensis</i>	C	19.8	44, 44AA

Constant species (24)

<i>Taraxacum</i> sect. <i>Ruderalia</i>		100.0	02, 02AA, 21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BC, 37AB, 39, 39AA, 39AB, 39AC, 39BA, 39BB, 39BC, 39CA, 40, 40AB, 41, 41CB, 41CC, 42, 43, 43AAA, 43BA, 44, 44AA, 44BA
<i>Capsella bursa-pastoris</i>		95.0	39, 39AA, 39AC, 39BA, 39BB, 39BC, 44, 44AA, 44AB, 44BA
<i>Veronica polita</i>	Dg	90.0	44, 44AA
<i>Sinapis arvensis</i>	Dg	90.0	44, 44AA
<i>Stellaria media</i> agg.		85.0	39, 39BA, 39BB, 39BC, 44, 44AA, 44AB, 44BA
<i>Elytrigia repens</i>		85.0	26AEC, 39, 39AD, 39BA, 39BB, 39BC, 39CA, 40, 40AA, 41, 41CB, 41CC, 42, 42AA, 44, 44AA, 44AB, 44BA
<i>Polygonum aviculare</i> agg.		80.0	17, 17BA, 39, 39AA, 39AB, 39AC, 39AD, 39BB, 39CA, 43, 43BA, 44, 44AA, 44AB, 44BA
<i>Rumex crispus</i>		75.0	21BC, 44, 44AB
<i>Viola arvensis</i>		70.0	39, 39BA, 39BB, 44, 44AA, 44AB, 44BA
<i>Consolida regalis</i>		70.0	44, 44AA
<i>Silene latifolia</i> ssp. <i>alba</i>		65.0	
<i>Fallopia convolvulus</i>		65.0	39, 39BB, 44, 44AA, 44AB, 44BA
<i>Veronica persica</i>		60.0	39, 39BA, 39BB, 39BC, 44, 44AA, 44AB, 44BA
<i>Veronica hederifolia</i> agg.		60.0	39BA
<i>Plantago major</i> agg.		60.0	12, 12AC, 17, 21ACA, 39, 39AA, 39AC, 39BB, 43, 43AAA, 43BA, 44, 44AB
<i>Plantago lanceolata</i>		60.0	21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BC, 21BE, 22, 22AB, 25, 25AD, 26AEB, 26BB, 40
<i>Chenopodium album</i> agg.		60.0	39, 39AA, 39AC, 39AD, 39BB, 39BC, 39CA, 44, 44AA, 44AB, 44BA
<i>Cirsium arvense</i>		60.0	21BC, 21BD, 37AB, 39, 39BA, 39BB, 39BC, 40, 40AB, 44, 44AA, 44AB, 44BA
<i>Atriplex patula</i>		60.0	39AA, 44, 44AB
<i>Tripleurospermum inodorum</i>		55.0	38, 39, 39AC, 39AD, 39BA, 39BB, 39BC, 39CA, 40, 40AB, 44, 44AA, 44AB, 44BA
<i>Geranium pusillum</i>		50.0	
<i>Thlaspi arvense</i>		45.0	39, 39BA, 39BB, 44, 44AA, 44AB, 44BA
<i>Arenaria serpyllifolia</i> agg.		45.0	25BA, 26ACA, 26AEB
<i>Achillea millefolium</i> agg.		45.0	21, 21AA, 21AB, 21AC, 21ACA, 21ACB, 21BE, 22, 22AB, 22AD, 23, 24, 24AA, 25, 25AD, 26, 26AD, 26AE, 26AEA, 26AEB, 26AEC, 26BA, 26BB, 27, 27AA, 27AB, 39AC, 40, 40AA, 40AB, 41CB, 42, 42AA
Dominant species (0)			

Alliance 44BA Aphanion**Acidophilous weed vegetation of cereal fields in cooler and wetter areas**

No. of relevés: 312

Diagnostic species (44)

<i>Myosotis arvensis</i>	C	48.0	39, 39BA, 44, 44AA, 44AB
<i>Viola arvensis</i>	C	45.7	39, 39BA, 44, 44AA
<i>Centaurea cyanus</i>		44.8	44, 44AB
<i>Apera spica-venti</i>	C	43.1	44
<i>Anthemis arvensis</i>		41.2	44, 44AB
<i>Aphanes arvensis</i>		40.0	44
<i>Fallopia convolvulus</i>	C	39.1	44, 44AA, 44AB
<i>Spergula arvensis</i>		38.1	39BB, 44, 44AB
<i>Stellaria media</i> agg.	C	38.0	39, 39BA, 44, 44AA, 44AB
<i>Scleranthus annuus</i>		37.7	44, 44AB
<i>Veronica arvensis</i>	C	36.8	44
<i>Lapsana communis</i>	C	35.6	39, 39BA, 44, 44AB
<i>Matricaria recutita</i>		35.3	44
<i>Vicia angustifolia</i>		34.8	44, 44AA
<i>Capsella bursa-pastoris</i>	C	33.2	39, 39BA, 44, 44AA
<i>Anagallis arvensis</i>	C	31.8	44, 44AA, 44AB
<i>Veronica persica</i>	C	31.2	39, 39BA, 44, 44AA, 44AB
<i>Tripleurospermum inodorum</i>	C	30.8	39, 39BA, 44, 44AA
<i>Thlaspi arvense</i>	C	30.7	39, 39BA, 44, 44AA, 44AB
<i>Vicia hirsuta</i>		29.8	44, 44AB
<i>Raphanus raphanistrum</i>		29.0	44, 44AA, 44AB
<i>Lamium purpureum</i>		28.0	39, 39BA, 44, 44AA
<i>Chenopodium album</i> agg.	C	27.0	39, 39AD, 44, 44AA
<i>Vicia tetrasperma</i>		26.2	44
<i>Polygonum aviculare</i> agg.	C	25.7	39, 43, 43BA, 44, 44AA
<i>Galium aparine</i>	C	25.2	39BA, 41, 44, 44AA
<i>Galeopsis tetrahit</i>	C	25.0	44
<i>Matricaria discoidea</i>		24.0	43, 43BA, 44
<i>Cirsium arvense</i>	C	23.9	39, 44, 44AA
<i>Poa annua</i>	C	23.7	39, 43, 43BA, 44
<i>Geranium dissectum</i>		22.5	39BA, 44
<i>Persicaria lapathifolia</i>		22.0	12, 12AA, 38, 38AA, 44
<i>Persicaria maculosa</i>		21.7	44
<i>Leptobryum pyriforme</i>		20.4	
<i>Lycopsis arvensis</i>		20.0	44, 44AB
<i>Arabidopsis thaliana</i>		19.4	44
<i>Gnaphalium uliginosum</i>		19.1	12, 12AA
<i>Elytrigia repens</i>	C	19.0	39, 41, 44, 44AA
<i>Sonchus arvensis</i>		18.0	39, 39BA, 44, 44AA

Constant species (20)

<i>Viola arvensis</i>	Dg	88.0	39, 39BA, 39BB, 44, 44AA, 44AB, 44AC
<i>Stellaria media</i> agg.	Dg	79.0	39, 39BA, 39BB, 39BC, 44, 44AA, 44AB, 44AC
<i>Myosotis arvensis</i>	Dg	77.0	39, 39BA, 39BB, 44, 44AB
<i>Fallopia convolvulus</i>	Dg	73.0	39, 39BB, 44, 44AA, 44AB, 44AC
<i>Galium aparine</i>	Dg	67.0	30, 30AA, 30AC, 32AAB, 36, 36AA, 37AB, 39, 39BA, 39BB, 41, 41AA, 41CA, 41CC, 44, 44AA, 44AB
<i>Tripleurospermum inodorum</i>	Dg	64.0	38, 39, 39AC, 39AD, 39BA, 39BB, 39BC, 39CA, 40, 40AB, 44, 44AA, 44AB, 44AC
<i>Capsella bursa-pastoris</i>	Dg	64.0	39, 39AA, 39AC, 39BA, 39BB, 39BC, 44, 44AA, 44AB, 44AC
<i>Cirsium arvense</i>	Dg	62.0	21BC, 21BD, 37AB, 39, 39BA, 39BB, 39BC, 40, 40AB, 44, 44AA, 44AB, 44AC
<i>Lapsana communis</i>	Dg	57.0	39BB, 44, 44AB
<i>Veronica arvensis</i>	Dg	54.0	44, 44AB

<i>Polygonum aviculare</i> agg.	Dg	53.0	17, 17BA, 39, 39AA, 39AB, 39AC, 39AD, 39BB, 39CA, 43, 43BA, 44, 44AA, 44AB, 44AC
<i>Chenopodium album</i> agg.	Dg	53.0	39, 39AA, 39AC, 39AD, 39BB, 39BC, 39CA, 44, 44AA, 44AB, 44AC
<i>Elytrigia repens</i>	Dg	51.0	26AEC, 39, 39AD, 39BA, 39BB, 39BC, 39CA, 40, 40AA, 41, 41CB, 41CC, 42, 42AA, 44, 44AA, 44AB, 44AC
<i>Veronica persica</i>	Dg	50.0	39, 39BA, 39BB, 39BC, 44, 44AA, 44AB, 44AC
<i>Taraxacum</i> sect. <i>Ruderalia</i>	Dg	50.0	02, 02AA, 21, 21AA, 21AB, 21AC, 21ACA, 21BA, 21BC, 37AB, 39, 39AA, 39AB, 39AC, 39BA, 39BB, 39BC, 39CA, 40, 40AB, 41, 41CB, 41CC, 42, 43, 43AAA, 43BA, 44, 44AA, 44AC
<i>Thlaspi arvense</i>	Dg	48.0	39, 39BA, 39BB, 44, 44AA, 44AB, 44AC
<i>Anagallis arvensis</i>	Dg	46.0	39BB, 44, 44AA, 44AB
<i>Galeopsis tetrahit</i>	Dg	45.0	44, 44AB
<i>Poa annua</i>	Dg	44.0	39, 39AA, 39AC, 39BB, 43, 43BA, 44, 44AB
<i>Apera spica-venti</i>	Dg	41.0	
Dominant species (0)			

APPENDIX 3

Alphabetical list of diagnostic, constant and dominant species of phytosociological classes, alliances and suballiances of the Czech Republic. Numbers of occurrences of the species in the data set are indicated in brackets next to the species names. Abbreviations of classes are printed in capital letters, of alliances in small letters and of suballiances in small letters with ending *-enion*.

- Abies alba* (698)
Dg: 32 QUE-FAG, 32AD Fag, 32ADA Eu-Fag-enion, 32AE Luz-Fag
C: 32ADC Cep-Fag-enion, 32ADD Gal-Abi-enion
Dm: 32ADC Cep-Fag-enion, 32ADD Gal-Abi-enion
- Abietinella abietina* (443)
Dg: 26 FES-BRO, 26BA Bro ere
- Acer campestre* (485)
Dg: 32 QUE-FAG, 32AAB Ulm-enion, 32AB Carp, 32BA Que pub
C: 32AAB Ulm-enion, 32BA Que pub, 32BB Ace-Que
- Acer negundo* (6)
Dg: 32AAB Ulm-enion
- Acer platanoides* (381)
Dg: 32 QUE-FAG, 32AC Til-Ace
- Acer pseudoplatanus* (1230)
Dg: 32 QUE-FAG, 32AA Aln inc, 32AAA Aln-enion glu-inc, 32AC Til-Ace, 32AD Fag, 32ADA Eu-Fag-enion
C: 32 QUE-FAG, 32AC Til-Ace, 32ADB Ace-enion
Dm: 32AC Til-Ace, 32ADB Ace-enion
- Achillea millefolium* agg. (4928)
Dg: 21 MOL-ARR, 21AA Arr, 26 FES-BRO, 26AE Fes val, 26BA Bro ere
C: 21 MOL-ARR, 21AA Arr, 21AB Pol-Tri, 21AC Cyn, 21ACA Lol-Cyn-enion, 21ACB Pol-Cyn-enion, 21BE Mol, 22 NAR-CAL, 22AB Vio can, 22AD Nar-Agr, 23 KOE-COR, 24 FES VAG, 24AA Koe gla, 25 SED-SCL, 25AD Pla-Fes, 26 FES-BRO, 26AD Asp-Arm, 26AE Fes val, 26AEA Fes-enion val, 26AEB Cor-Fes-enion, 26AEC Ast-Ach-enion, 26BA Bro ere, 26BB Koe-Phl, 27 TRI-GER, 27AA Ger san, 27AB Tri med, 39AC Bro-Hor, 40 ART VUL, 40AA Ono aca, 40AB Dau-Mel, 41CB Arc lap, 42 AGR REP, 42AA Con-Agr, 44AC Ver-Tar
- Achillea ptarmica* (329)
Dg: 21 MOL-ARR, 21BB Cal, 21BBA Cal-enion
- Acinos arvensis* (447)
Dg: 26 FES-BRO, 26AA Aly-Fes, 26AE Fes val
C: 25BA Aly-Sed, 26AB Hel-Fes, 26ACA Poo-Teu-enion, 26ACB Ses-Fes-enion
- Aconitum plicatum* (83)
Dg: 06 MUL-ACO, 06AA Ade
- Acorus calamus* (118)
Dg: 13 PHR-MAG, 13AA Phr com
Dm: 13AA Phr com
- Actaea spicata* (598)
Dg: 32 QUE-FAG, 32AC Til-Ace, 32AD Fag, 32ADA Eu-Fag-enion
C: 32ADC Cep-Fag-enion
- Adenostyles alliariae* (68)
Dg: 06 MUL-ACO, 06AA Ade, 06AB Dry-Ath
C: 28 BET-ALN, 28AA Sal sil
Dm: 06AA Ade, 35BA Ath-Pic
- Adonis aestivalis* (110)
Dg: 44 SEC, 44AA Cau lap
- Adonis vernalis* (121)
Dg: 26AE Fes val
- Adoxa moschatellina* (171)
Dg: 32 QUE-FAG, 32AC Til-Ace
- Aegopodium podagraria* (1843)
Dg: 32 QUE-FAG, 32AA Aln inc, 32AAA Aln-enion glu-inc, 41 GAL-URT
C: 30 SAL PUR, 30AA Sal tri, 30AC Sal alb, 32AA Aln inc, 32AAA Aln-enion glu-inc, 32AAB Ulm-enion, 41 GAL-URT, 41AA Sen flu, 41BA Pet off, 41CC Aeg pod
Dm: 41 GAL-URT, 41BA Pet off, 41CC Aeg pod
- Aethusa cynapium* agg. (306)
Dg: 44 SEC, 44AA Cau lap, 44AB She
C: 44 SEC, 44AB She
- Agrimonia eupatoria* (464)
Dg: 26 FES-BRO, 26BA Bro ere

- Agrostis alpina*** (4)
Dg: 01CA Agr alp
C: 01CA Agr alp
- Agrostis canina*** (853)
Dg: 19 SCH-CAR, 19AA Car fus, 21BB Cal, 21BBA Cal-enion
C: 19 SCH-CAR, 19AA Car fus, 19AC Car las, 19AD Car dem, 19AF Sph-Tom, 19BA Eri gra, 19BB Rhy alb
- Agrostis capillaris*** (2453)
Dg: 21 MOL-ARR, 22 NAR-CAL, 22AB Vio can
C: 21 MOL-ARR, 21AB Pol-Tri, 21AC Cyn, 21ACA Lol-Cyn-enion, 21ACB Pol-Cyn-enion, 22 NAR-CAL, 22AA Nar, 22AB Vio can, 22AC Nar-Jun, 22AD Nar-Agr, 24 FES VAG, 25AD Pla-Fes, 37 EPI ANG, 37AA Car-Epi, 41CD Rum alp
Dm: 21AB Pol-Tri
- Agrostis gigantea*** (194)
C: 17AA Sco-Jun
Dm: 17 FES-PUC, 17AA Sco-Jun
- Agrostis rupestris*** (12)
Dg: 04 JUN TRI, 04AA Jun tri
- Agrostis stolonifera*** (1478)
Dg: 21BB Cal, 21BBA Cal-enion, 43AA Agr-Rum
C: 17 FES-PUC, 17AA Sco-Jun, 43 PLA MAJ, 43AA Agr-Rum, 43AAA Ran-Rum-enion, 43AAB Lot-Tri-enion
Dm: 43 PLA MAJ, 43AA Agr-Rum, 43AAA Ran-Rum-enion
- Agrostis vinealis*** (203)
Dg: 22BB Eup-Cal, 25 SED-SCL, 26BB Koe-Phl
C: 22BB Eup-Cal
- Aira caryophyllea*** (5)
Dg: 24 FES VAG, 24AA Koe gla
- Ajuga reptans*** (1711)
Dg: 32 QUE-FAG, 32AA Aln inc, 32AAA Aln-enion glu-inc, 32AB Carp
C: 32AA Aln inc, 32AAA Aln-enion glu-inc
- Alectoria ochroleuca*** (4)
Dg: 04AB Nar-Car
- Alchemilla vulgaris*** agg. (2250)
Dg: 21 MOL-ARR, 21AA Arr, 21AB Pol-Tri, 21BB Cal, 21BBA Cal-enion
C: 21 MOL-ARR, 21AA Arr, 21AB Pol-Tri, 21AC Cyn, 21ACA Lol-Cyn-enion, 21ACB Pol-Cyn-enion, 21BBA Cal-enion, 21BE Mol, 22AD Nar-Agr
- Dm: 21AB Pol-Tri
- Alisma plantago-aquatica*** (433)
Dg: 12AA Ele ova, 13 PHR-MAG, 13CA Oen aqu
C: 09ABA Pot-enion pol, 10 ISO-LIT, 12 ISO-NAN, 12AA Ele ova
- Alliaria petiolata*** (642)
Dg: 32 QUE-FAG, 32AA Aln inc, 32AC Til-Ace
C: 37AB Atr bel
- Allium angulosum*** (26)
Dg: 21BC Cni ven
- Allium flavum*** (121)
C: 26ACA Poo-Teu-enion
- Allium schoenoprasum*** ssp. *alpinum* (4)
Dg: 01CA Agr alp, 18AC Swe-Ani
C: 01CA Agr alp, 18AC Swe-Ani
Dm: 18AC Swe-Ani
- Allium senescens*** ssp. *montanum* (309)
Dg: 26 FES-BRO, 26AA Aly-Fes, 26AAA Aly-Fes-enion, 26AC Ses-Fes
C: 26AA Aly-Fes, 26AAA Aly-Fes-enion, 26ACB Ses-Fes-enion
- Allium strictum*** (20)
Dg: 26AAB Pot-Fes-enion
- Allium ursinum*** (81)
Dg: 32AAB Ulm-enion
Dm: 32AAB Ulm-enion
- Alnus glutinosa*** (710)
Dg: 31 ALN GLU, 31AA Aln glu, 32 QUE-FAG, 32AA Aln inc, 32AAA Aln-enion glu-inc
C: 31 ALN GLU, 31AA Aln glu, 32AA Aln inc, 32AAA Aln-enion glu-inc
Dm: 13EA Car-Rum, 31 ALN GLU, 31AA Aln glu, 32 QUE-FAG, 32AA Aln inc, 32AAA Aln-enion glu-inc, 32AAB Ulm-enion
- Alnus incana*** (167)
Dg: 32AA Aln inc, 32AAA Aln-enion glu-inc
Dm: 32AA Aln inc, 32AAA Aln-enion glu-inc
- Alnus alnobetula*** (11)
Dm: 28 BET-ALN, 28AA Sal sil
- Alopecurus aequalis*** (294)
Dg: 12 ISO-NAN, 12AA Ele ova, 38 BID TRI, 38AA Bid tri
C: 10 ISO-LIT, 12 ISO-NAN, 12AA Ele ova, 38 BID TRI
Dm: 12AA Ele ova

- Alopecurus pratensis*** (2754)
Dg: 21 MOL-ARR, 21AA Arr, 21BA Alo pra, 21BB Cal, 21BBA Cal-enion
C: 21 MOL-ARR, 21AA Arr, 21AB Pol-Tri, 21ACA Lol-Cyn-enion, 21BA Alo pra, 21BB Cal, 21BBA Cal-enion, 21BBB Fil-enion, 21BC Cni ven, 21BD Ver-Lys, 21BE Mol
Dm: 21BA Alo pra, 21BC Cni ven, 21BD Ver-Lys
- Alyssum alyssoides*** (157)
Dg: 25BA Aly-Sed
- Alyssum montanum*** (167)
Dg: 26 FES-BRO, 26AAB Pot-Fes-enion
C: 26ACA Poo-Teu-enion
- Amaranthus retroflexus*** (203)
Dg: 39 CHE, 39BA Fum-Eup
C: 39CA Era
- Anagallis arvensis*** (589)
Dg: 44 SEC, 44AA Cau lap, 44AB She, 44BA Aph
C: 39BB Spe-Oxa, 44 SEC, 44AA Cau lap, 44AB She, 44BA Aph
- Anagallis foemina*** (69)
Dg: 44 SEC, 44AA Cau lap
- Andromeda polifolia*** (104)
Dg: 20 OXY-SPH, 20AA Oxy-Emp, 20AB Sph med
C: 20 OXY-SPH, 20AA Oxy-Emp, 20BA Oxy-Eri
- Anemone narcissiflora*** (22)
Dg: 06BB Cal aru
- Anemone nemorosa*** (1306)
Dg: 32 QUE-FAG, 32AA Aln inc, 32AAA Aln-enion glu-inc, 32AB Carp
C: 37AB Atr bel
- Aneura pinguis*** (87)
Dg: 19 SCH-CAR, 19AD Car dem
C: 19AD Car dem
- Angelica sylvestris*** (1923)
Dg: 21 MOL-ARR, 21BB Cal, 21BBA Cal-enion
C: 21 MOL-ARR, 21BB Cal, 21BBA Cal-enion, 21BBB Fil-enion
- Anomodon attenuatus*** (15)
Dg: 01AB Cys
- Antennaria dioica*** (98)
Dg: 22 NAR-CAL
- Anthemis arvensis*** (221)
Dg: 44 SEC, 44AB She, 44BA Aph
- Anthemis austriaca*** (73)
Dg: 44 SEC, 44AA Cau lap
- Anthemis tinctoria*** (73)
Dg: 26AEB Cor-Fes-enion
- Anthericum liliago*** (190)
Dg: 26 FES-BRO
- Anthericum ramosum*** (509)
Dg: 26 FES-BRO, 26AC Ses-Fes, 32BC Que pet
C: 26ACB Ses-Fes-enion, 26ACC Cyn-Ses-enion, 34 ERI-PIN
Dm: 34 ERI-PIN, 34AA Eri-Pin
- Anthoxanthum odoratum* agg.** (3031)
Dg: 21 MOL-ARR, 21AA Arr, 21BB Cal, 21BBA Cal-enion, 21BE Mol, 22 NAR-CAL
C: 04 JUN TRI, 04AB Nar-Car, 05 SAL HER, 05AA Sal her, 19 SCH-CAR, 19AF Sph-Tom, 21 MOL-ARR, 21AA Arr, 21AB Pol-Tri, 21AC Cyn, 21ACA Lol-Cyn-enion, 21ACB Pol-Cyn-enion, 21BBA Cal-enion, 21BE Mol, 22 NAR-CAL, 22AA Nar, 22AB Vio can, 22AC Nar-Jun, 22AD Nar-Agr
Dm: 24 FES VAG, 24AA Koe gla
- Anthriscus cerefolium*** (12)
Dg: 41CA Gal-All
Dm: 41CA Gal-All
- Anthriscus nitida*** (132)
Dm: 41CC Aeg pod
- Anthriscus sylvestris*** (849)
Dg: 41 GAL-URT
C: 30 SAL PUR, 41 GAL-URT, 41CB Arc lap
- Anthyllis vulneraria*** (329)
Dg: 26 FES-BRO, 26BA Bro ere
- Apera spica-venti*** (273)
Dg: 44 SEC, 44BA Aph
C: 44BA Aph
- Aphanes arvensis*** (119)
Dg: 44 SEC, 44BA Aph
- Apometzgeria pubescens*** (4)
Dg: 01 ASP TRI, 01AB Cys
- Arabidopsis thaliana*** (257)
Dg: 44 SEC, 44BA Aph
- Arabis auriculata*** (17)
Dg: 25BA Aly-Sed

- Arctium lappa*** (145)
Dg: 41CB Arc lap
- Arctium minus*** (40)
Dg: 41CB Arc lap
- Arctium tomentosum*** (150)
Dg: 41 GAL-URT, 41CB Arc lap
- Arenaria grandiflora*** (2)
Dg: 26ACB Ses-Fes-enion
- Arenaria serpyllifolia* agg.** (664)
Dg: 26 FES-BRO, 26AE Fes val, 26AEA Fes-enion val
C: 25BA Aly-Sed, 26ACA Poo-Teu-enion, 26AEB Cor-Fes-enion, 44AC Ver-Tar
- Aristolochia clematitis*** (18)
Dg: 32AAB Ulm-enion
- Armeria vulgaris* ssp. *serpentini*** (17)
Dg: 26AD Asp-Arm, 34 ERI-PIN, 34AA Eri-Pin
C: 26AD Asp-Arm, 34 ERI-PIN
- Armeria vulgaris* ssp. *vulgaris*** (113)
Dg: 25 SED-SCL, 25AD Pla-Fes
C: 25AD Pla-Fes
- Arnica montana*** (105)
Dg: 22 NAR-CAL
C: 05 SAL HER, 05AA Sal her
- Arrhenatherum elatius*** (2213)
Dg: 21 MOL-ARR, 21AA Arr, 26 FES-BRO, 26BA Bro ere
C: 21AA Arr, 26 FES-BRO, 26BB Koe-Phl, 27 TRI-GER
Dm: 21AA Arr, 39AC Bro-Hor
- Artemisia absinthium*** (102)
Dg: 40AA Ono aca
C: 40AA Ono aca
Dm: 40AA Ono aca
- Artemisia campestris*** (655)
Dg: 26 FES-BRO, 26AA Aly-Fes, 26AAA Aly-Fes-enion, 26AE Fes val, 26AEA Fes-enion val
C: 24 FES VAG, 25AD Pla-Fes, 26AA Aly-Fes, 26AAA Aly-Fes-enion, 26AAB Pot-Fes-enion, 26AB Hel-Fes, 26AEA Fes-enion val
- Artemisia pontica*** (54)
Dg: 26AEC Ast-Ach-enion
Dm: 26AEC Ast-Ach-enion
- Artemisia vulgaris*** (877)
Dg: 39 CHE, 39AD Sis off, 40 ART VUL, 40AB Dau-Mel, 41 GAL-URT, 41CB Arc lap
C: 39 CHE, 39AD Sis off, 40 ART VUL, 40AA Ono aca, 40AB Dau-Mel, 41 GAL-URT, 41AA Sen flu, 41CB Arc lap, 42 AGR REP
Dm: 41CB Arc lap
- Aruncus vulgaris*** (92)
Dg: 32AC Til-Ace
- Asarum europaeum*** (944)
Dg: 32 QUE-FAG, 32AA Aln inc, 32AAA Aln-enion glu-inc, 32AB Carp, 32AC Til-Ace
- Asperugo procumbens*** (5)
Dg: 39CA Era
- Asperula cynanchica*** (1023)
Dg: 26 FES-BRO, 26AAB Pot-Fes-enion, 26AE Fes val, 26AEA Fes-enion val, 26BA Bro ere
C: 26 FES-BRO, 26AAB Pot-Fes-enion, 26AB Hel-Fes, 26AC Ses-Fes, 26ACC Cyn-Ses-enion
- Asplenium adulterinum*** (15)
Dg: 01 ASP TRI, 01AC Asp ser
C: 01AC Asp ser
- Asplenium cuneifolium*** (50)
Dg: 01 ASP TRI, 01AC Asp ser, 34 ERI-PIN, 34AA Eri-Pin
C: 01AC Asp ser, 34 ERI-PIN, 34AA Eri-Pin
Dm: 01AC Asp ser
- Asplenium ruta-muraria*** (134)
Dg: 01 ASP TRI, 01AA Pot cau, 01AB Cys, 26AC Ses-Fes, 26ACC Cyn-Ses-enion
C: 01 ASP TRI, 01AA Pot cau, 01AB Cys
- Asplenium septentrionale*** (188)
Dg: 01BA And van, 26AA Aly-Fes, 26AAA Aly-Fes-enion
C: 01BA And van
- Asplenium trichomanes*** (166)
Dg: 01 ASP TRI, 01AB Cys
C: 01 ASP TRI, 01AB Cys, 02 PAR
- Asplenium viride*** (6)
Dg: 01CA Agr alp
- Aster amellus*** (207)
Dg: 26 FES-BRO, 26BA Bro ere
- Aster linosyris*** (259)
Dg: 26 FES-BRO, 26AE Fes val, 26AEA Fes-enion val

C: 26AD *Asp-Arm*

***Aster novi-belgii* agg. (44)**

Dg: 32AAB *Ulm-enion*

C: 21BD *Ver-Lys*

***Aster tripolium* ssp. *pannonicus* (23)**

Dg: 13BA *Sci mar*, 16 *THE-SAL*, 16AA *The-Sal*, 17 *FES-PUC*, 17BA *Puc lim*

C: 15 *THE-SUA*, 16 *THE-SAL*, 16AA *The-Sal*, 17 *FES-PUC*, 17BA *Puc lim*

***Astragalus austriacus* (161)**

Dg: 26 *FES-BRO*, 26AE *Fes val*, 26AEA *Fes-enion val*

***Astragalus excapus* (48)**

Dg: 26AE *Fes val*, 26AEA *Fes-enion val*

***Astragalus onobrychis* (120)**

Dg: 26 *FES-BRO*, 26AE *Fes val*

***Athyrium distentifolium* (220)**

Dg: 06 *MUL-ACO*, 06AA *Ade*, 06AB *Dry-Ath*, 35BA *Ath-Pic*

C: 06 *MUL-ACO*, 06AB *Dry-Ath*, 28 *BET-ALN*, 28AA *Sal sil*, 35BA *Ath-Pic*

Dm: 06 *MUL-ACO*, 06AB *Dry-Ath*, 35BA *Ath-Pic*

***Athyrium filix-femina* (1584)**

Dg: 32 *QUE-FAG*, 32AA *Aln inc*, 32AAA *Aln-enion glu-inc*, 32AD *Fag*, 32ADA *Eu-Fag-enion*

C: 18 *MON-CAR*, 18AB *Car ama*, 31 *ALN GLU*, 32 *QUE-FAG*, 32AA *Aln inc*, 32AAA *Aln-enion glu-inc*, 32AD *Fag*, 32ADA *Eu-Fag-enion*, 32ADB *Ace-enion*, 32ADD *Gal-Abi-enion*

***Atrichum undulatum* (818)**

Dg: 32 *QUE-FAG*, 32AB *Carp*

C: 37AB *Atr bel*

***Atriplex patula* (408)**

Dg: 39 *CHE*, 44 *SEC*, 44AA *Cau lap*

C: 39AA *Che gla*, 44 *SEC*, 44AB *She*, 44AC *Ver-Tar*

***Atriplex prostrata* ssp. *latifolia* (47)**

Dg: 39AA *Che gla*

C: 15 *THE-SUA*, 15AA *The-Sua*, 39AA *Che gla*

Dm: 39AA *Che gla*

***Atriplex sagittata* (94)**

Dg: 39 *CHE*, 39AD *Sis off*

C: 39AD *Sis off*

Dm: 39AD *Sis off*

***Atriplex tatarica* (49)**

Dg: 39 *CHE*, 39AD *Sis off*

Dm: 39AD *Sis off*

***Atropa bella-donna* (39)**

Dg: 37AB *Atr bel*

C: 37AB *Atr bel*

Dm: 37AB *Atr bel*

***Aulacomnium palustre* (538)**

Dg: 19 *SCH-CAR*, 19AA *Car fus*, 19AF *Sph-Tom*

C: 19AC *Car las*, 19AF *Sph-Tom*

***Aurinia saxatilis* ssp. *arduini* (169)**

Dg: 26 *FES-BRO*, 26AA *Aly-Fes*, 26AAA *Aly-Fes-enion*

C: 26AAA *Aly-Fes-enion*

***Avena fatua* (329)**

Dg: 44 *SEC*, 44AA *Cau lap*, 44AB *She*

C: 44 *SEC*, 44AA *Cau lap*, 44AB *She*

***Avenella flexuosa* (2001)**

Dg: 22 *NAR-CAL*, 32AE *Luz-Fag*, 33 *QUE ROB*, 33AA *Gen-Que*, 35 *VAC-PIC*, 35AB *Pic exc*

C: 03AA *And alp*, 04 *JUN TRI*, 04AA *Jun tri*, 04AB *Nar-Car*, 06 *MUL-ACO*, 06BA *Cal vil*, 06BB *Cal aru*, 06BC *Poo-Des*, 22 *NAR-CAL*, 22AA *Nar*, 22AC *Nar-Jun*, 22AD *Nar-Agr*, 22BA *Gen*, 22BC *Vac*, 28 *BET-ALN*, 32ADD *Gal-Abi-enion*, 32AE *Luz-Fag*, 33 *QUE ROB*, 33AA *Gen-Que*, 35 *VAC-PIC*, 35AA *Dic-Pin*, 35AB *Pic exc*, 35AC *Pin mug*, 35BA *Ath-Pic*, 37 *EPI ANG*, 37AC *Rum-Ave*

Dm: 04 *JUN TRI*, 04AA *Jun tri*, 04AB *Nar-Car*, 06BA *Cal vil*, 06BC *Poo-Des*, 22 *NAR-CAL*, 22AB *Vio can*, 22AD *Nar-Agr*, 22BC *Vac*, 32AE *Luz-Fag*, 35 *VAC-PIC*, 35AA *Dic-Pin*, 35AB *Pic exc*, 35AC *Pin mug*, 37 *EPI ANG*, 37AC *Rum-Ave*

***Avenula pratensis* (419)**

Dg: 26 *FES-BRO*, 26BB *Koe-Phl*

C: 22BB *Eup-Cal*, 26AD *Asp-Arm*

***Avenula pubescens* (1012)**

Dg: 21 *MOL-ARR*, 21AA *Arr*, 21BE *Mol*

***Ballota nigra* (191)**

Dg: 39AD *Sis off*, 41 *GAL-URT*, 41CB *Arc lap*

C: 40AA *Ono aca*, 41CB *Arc lap*

Dm: 41CB *Arc lap*

***Barbilophozia lycopodioides* (57)**

Dg: 35 *VAC-PIC*, 35AB *Pic exc*

***Bartsia alpina* (15)**

Dg: 01CA *Agr alp*, 18AC *Swe-Ani*

C: 01CA *Agr alp*

- Batrachium aquatile*** (125)
Dg: 09 POT, 09BA Bat flu, 09BB Bat aqu
Dm: 09BA Bat flu, 09BB Bat aqu
- Batrachium circinatum*** (84)
Dg: 09 POT, 09BB Bat aqu
Dm: 09BB Bat aqu
- Batrachium fluitans*** (49)
Dg: 09 POT, 09BA Bat flu
C: 09BA Bat flu
Dm: 09BA Bat flu
- Bazzania trilobata*** (132)
Dg: 35 VAC-PIC, 35AB Pic exc
- Bellis perennis*** (358)
Dg: 21 MOL-ARR, 21AA Arr, 21AC Cyn, 21ACA Lol-Cyn-enion
C: 21ACA Lol-Cyn-enion
- Berteroa incana*** (116)
Dm: 40AB Dau-Mel
- Berula erecta*** (57)
Dg: 13DB Spa-Gly
Dm: 13DB Spa-Gly
- Betonica officinalis*** (534)
Dg: 21BE Mol
- Betula carpatica*** (55)
Dg: 28 BET-ALN, 28AA Sal sil
C: 28 BET-ALN, 28AA Sal sil
Dm: 28 BET-ALN, 28AA Sal sil, 35AD Bet pub
- Betula pendula*** (679)
Dg: 32AB Carp, 33 QUE ROB, 33AA Gen-Que, 35AA Dic-Pin
C: 33 QUE ROB, 34 ERI-PIN
Dm: 37BA Sam-Sal
- Betula pubescens*** (135)
Dg: 35AD Bet pub
C: 35AD Bet pub
- Bidens cernua*** (138)
Dg: 38 BID TRI, 38AA Bid tri
C: 38 BID TRI
Dm: 38 BID TRI, 38AA Bid tri
- Bidens frondosa*** (180)
Dg: 38 BID TRI, 38AA Bid tri
Dm: 38 BID TRI, 38AA Bid tri
- Bidens radiata*** (68)
Dg: 12 ISO-NAN, 38 BID TRI, 38AA Bid tri
- Bidens tripartita*** (283)
Dg: 12 ISO-NAN, 12AA Ele ova, 38 BID TRI, 38AA Bid tri
C: 12 ISO-NAN, 12AA Ele ova, 38 BID TRI, 38AA Bid tri
Dm: 38 BID TRI, 38AA Bid tri
- Biscutella laevigata ssp. varia*** (53)
C: 34 ERI-PIN
- Bistorta major*** (1437)
Dg: 21 MOL-ARR, 21AB Pol-Tri, 21BB Cal, 21BBA Cal-enion, 22AD Nar-Agr
C: 04 JUN TRI, 04AA Jun tri, 04AB Nar-Car, 06 MUL-ACO, 06BA Cal vil, 06BB Cal aru, 06BC Poo-Des, 18AC Swe-Ani, 21AB Pol-Tri, 22 NAR-CAL, 22AA Nar, 22AD Nar-Agr, 28 BET-ALN
Dm: 06BC Poo-Des, 21BBA Cal-enion, 22AD Nar-Agr
- Bolboschoenus maritimus agg.*** (119)
Dg: 12 ISO-NAN, 13BA Sci mar
C: 13BA Sci mar, 17AA Sco-Jun
Dm: 13BA Sci mar
- Bothriochloa ischaemum*** (336)
Dg: 26 FES-BRO, 26AE Fes val, 26AEA Fes-enion val
- Brachypodium pinnatum*** (1390)
Dg: 26 FES-BRO, 26BA Bro ere
C: 21ACB Pol-Cyn-enion, 26 FES-BRO, 26BA Bro ere, 27 TRI-GER, 27AA Ger san, 32BA Que pub, 32BB Ace-Que
Dm: 21ACB Pol-Cyn-enion, 26 FES-BRO, 26BA Bro ere, 32BB Ace-Que, 32BC Que pet, 34 ERI-PIN, 34AA Eri-Pin
- Brachypodium sylvaticum*** (934)
Dg: 32 QUE-FAG, 32AA Aln inc, 32AAA Aln-enion glu-inc, 32AB Carp
C: 32AA Aln inc, 32AAB Ulm-enion, 37AB Atr bel
- Brachythecium rivulare*** (237)
Dg: 18 MON-CAR
C: 18BA Lyc-Cra
- Brachythecium rutabulum*** (1010)
Dg: 21 MOL-ARR
C: 37AB Atr bel
- Briza media*** (1952)
Dg: 21 MOL-ARR, 21BE Mol, 22AB Vio can
C: 19 SCH-CAR, 19AB Car dav, 19AF Sph-Tom, 21 MOL-ARR, 21AC Cyn, 21ACB Pol-Cyn-enion, 21BE Mol, 22 NAR-CAL, 22AB Vio can

- Bromus benekenii*** (300)
Dg: 32 QUE-FAG, 32AB Carp
- Bromus erectus*** (548)
Dg: 26 FES-BRO, 26BA Bro ere
Dm: 26 FES-BRO, 26BA Bro ere
- Bromus inermis*** (123)
Dm: 39AC Bro-Hor
- Bromus sterilis*** (104)
Dg: 39AC Bro-Hor
C: 39AC Bro-Hor
- Bromus tectorum*** (152)
Dg: 39AC Bro-Hor
C: 25AA The-Air, 39AC Bro-Hor, 39CB Sal rut
Dm: 39AC Bro-Hor
- Bryum argenteum*** (182)
Dg: 43BA Pol avi
C: 02 PAR
- Bryum pseudotriquetrum*** (274)
Dg: 19 SCH-CAR
C: 19AC Car las
Dm: 19BA Eri gra
- Bryum schleicheri*** (7)
Dg: 18AC Swe-Ani
- Bupleurum falcatum*** (702)
Dg: 26 FES-BRO, 26BA Bro ere
C: 26ACB Ses-Fes-enion, 27 TRI-GER, 27AA Ger san, 32BA Que pub, 34 ERI-PIN
Dm: 03 THL ROT, 03BA Sti cal
- Bupleurum longifolium ssp. vapincense*** (4)
Dg: 01CA Agr alp, 06BB Cal aru
- Butomus umbellatus*** (98)
Dg: 13CA Oen aqu
Dm: 13CA Oen aqu
- Calamagrostis arundinacea*** (1108)
Dg: 32 QUE-FAG, 32AE Luz-Fag
C: 01AC Asp ser, 06 MUL-ACO, 06BB Cal aru, 22BC Vac, 28 BET-ALN, 28AA Sal sil, 32BB Ace-Que, 33 QUE ROB, 37 EPI ANG, 37AB Atr bel
Dm: 06 MUL-ACO, 06BB Cal aru, 22BC Vac, 27AB Tri med, 32AE Luz-Fag
- Calamagrostis canescens*** (168)
Dm: 13EB Mag ela
- Calamagrostis epigejos*** (729)
Dg: 37 EPI ANG
- C: 37 EPI ANG, 37AA Car-Epi, 37AB Atr bel, 37BA Sam-Sal, 39CB Sal rut
Dm: 37 EPI ANG, 37AA Car-Epi, 42 AGR REP, 42AA Con-Agr
- Calamagrostis pseudophragmites*** (10)
Dg: 13DA Pha aru
- Calamagrostis villosa*** (955)
Dg: 06 MUL-ACO, 06BA Cal vil, 35 VAC-PIC, 35AB Pic exc
C: 03AA And alp, 04 JUN TRI, 04AA Jun tri, 05 SAL HER, 05AA Sal her, 06 MUL-ACO, 06AA Ade, 06AB Dry-Ath, 06BA Cal vil, 06BB Cal aru, 28 BET-ALN, 28AA Sal sil, 35 VAC-PIC, 35AB Pic exc, 35AC Pin mug, 35AD Bet pub, 35BA Ath-Pic, 37AC Rum-Ave
Dm: 06 MUL-ACO, 06BA Cal vil, 28 BET-ALN, 28AA Sal sil, 32ADD Gal-Abi-enion, 35 VAC-PIC, 35AB Pic exc, 35AC Pin mug, 35AD Bet pub, 37 EPI ANG, 37AC Rum-Ave
- Calla palustris*** (71)
Dg: 13EA Car-Rum
C: 13EA Car-Rum
Dm: 13EA Car-Rum
- Calliergon sarmentosum*** (9)
Dg: 18AC Swe-Ani, 19AE Dre exa
C: 19AE Dre exa
Dm: 19AE Dre exa
- Calliergon stramineum*** (133)
Dg: 19 SCH-CAR, 19AF Sph-Tom
- Calliergon trifarium*** (8)
Dg: 19AD Car dem
- Calliergonella cuspidata*** (897)
Dg: 19 SCH-CAR, 19AB Car dav, 21 MOL-ARR, 21BB Cal, 21BBA Cal-enion
C: 19AB Car dav, 19AC Car las
Dm: 19AB Car dav
- Callitriche cophocarpa*** (43)
C: 08AA Nit fle
Dm: 09BB Bat aqu
- Callitriche hamulata*** (62)
Dg: 09 POT, 09BA Bat flu
C: 09BA Bat flu
Dm: 09BA Bat flu
- Callitriche palustris*** (87)
Dg: 12 ISO-NAN, 12AA Ele ova

Calluna vulgaris (831)

Dg: 20 OXY-SPH, 20AB *Sph med*, 22 NAR-CAL, 22BA Gen, 35AA Dic-Pin
 C: 01CA Agr alp, 04 JUN TRI, 04AA Jun tri, 20 OXY-SPH, 20AA *Oxy-Emp*, 20AB *Sph med*, 22 NAR-CAL, 22AC Nar-Jun, 22BA Gen, 22BB Eup-Cal, 35AA Dic-Pin
 Dm: 04AA Jun tri, 22 NAR-CAL, 22AC Nar-Jun, 22BA Gen, 22BB Eup-Cal

Caltha palustris (2060)

Dg: 21 MOL-ARR, 21BB Cal, 21BBA Cal-enion, 21BBB Fil-enion
 C: 18 MON-CAR, 19BA Eri gra, 21 MOL-ARR, 21BB Cal, 21BBA Cal-enion, 21BBB Fil-enion, 31 ALN GLU, 31AA Aln glu
 Dm: 18AA Car-Mon

Calypogeia azurea (75)

Dg: 35 VAC-PIC, 35AB Pic exc

Calypogeia integristipula (37)

Dg: 35AB Pic exc

Calystegia sepium (319)

Dg: 41 GAL-URT, 41AA Sen flu
 C: 30 SAL PUR, 30AC Sal alb, 41AA Sen flu
 Dm: 41AA Sen flu

Campanula barbata (12)

Dg: 06BA Cal vil

Campanula bohémica (72)

Dg: 22 NAR-CAL, 22AA Nar, 22AD Nar-Agr

Campanula bononiensis (44)

Dg: 32BA Que pub

Campanula glomerata (254)

Dg: 26 FES-BRO, 26BA Bro ere

Campanula patula (1078)

Dg: 21 MOL-ARR, 21AA Arr
 C: 21AA Arr, 21AB Pol-Tri

Campanula persicifolia (690)

Dg: 32 QUE-FAG, 32AB Carp, 32BC Que pet

Campanula rapunculoides (900)

Dg: 32AB Carp, 44 SEC
 C: 02 PAR, 44AB She

Campanula rotundifolia agg. (1191)

Dg: 22 NAR-CAL, 22AB Vio can
 C: 01AC Asp ser, 01CA Agr alp, 21AB Pol-Tri, 22 NAR-CAL, 22AB Vio can, 26AEB Cor-Fes-enion

Campanula trachelium (720)

Dg: 32 QUE-FAG, 32AB Carp, 32AC Til-Ace

Campylium stellatum agg. (211)

Dg: 19 SCH-CAR, 19AB Car dav, 19AD Car dem
 C: 19AD Car dem
 Dm: 19AD Car dem

Capsella bursa-pastoris (1060)

Dg: 39 CHE, 39BA Fum-Eup, 44 SEC, 44AA Cau lap, 44BA Aph
 C: 39 CHE, 39AA Che gla, 39AC Bro-Hor, 39BA Fum-Eup, 39BB Spe-Oxa, 39BC Pan-Set, 44 SEC, 44AA Cau lap, 44AB She, 44AC Ver-Tar, 44BA Aph

Cardamine amara (618)

Dg: 18 MON-CAR, 18AB Car ama, 32AA Aln inc, 32AAA Aln-enion glu-inc
 C: 18 MON-CAR, 18AA Car-Mon, 18AB Car ama
 Dm: 18 MON-CAR, 18AA Car-Mon, 18AB Car ama, 18AC Swe-Ani

Cardamine pratensis agg. (1754)

Dg: 21 MOL-ARR, 21BB Cal, 21BBA Cal-enion
 C: 21 MOL-ARR, 21BA Alo pra, 21BBA Cal-enion, 21BC Cni ven, 21BE Mol

Cardaminopsis halleri (238)

Dg: 21AB Pol-Tri, 22AD Nar-Agr
 C: 21AB Pol-Tri

Cardaminopsis petraea (3)

Dg: 26ACB Ses-Fes-enion

Carduus acanthoides (228)

Dg: 40 ART VUL, 40AB Dau-Mel
 C: 40 ART VUL

Carduus crispus (131)

Dg: 41 GAL-URT

Carex acuta (1010)

Dg: 13 PHR-MAG, 13ED Car gra
 C: 13ED Car gra, 21BC Cni ven, 21BD Ver-Lys
 Dm: 13 PHR-MAG, 13ED Car gra

Carex acutiformis (322)

Dg: 31 ALN GLU, 31AA Aln glu
 C: 31 ALN GLU
 Dm: 13EB Mag ela, 13ED Car gra, 31 ALN GLU, 31AA Aln glu

Carex appropinquata (67)

Dm: 13EC Car ros

- Carex atrata* agg.** (5)
Dg: 01CA *Agr alp*
- Carex bigelowii*** (41)
Dg: 04 JUN TRI, 04AA *Jun tri*, 04AB *Nar-Car*
C: 04 JUN TRI, 04AB *Nar-Car*
- Carex bohemica*** (121)
Dg: 12 ISO-NAN, 12AA *Ele ova*, 38 BID TRI, 38AA
Bid tri
C: 12 ISO-NAN, 12AA *Ele ova*
Dm: 12 ISO-NAN, 12AA *Ele ova*
- Carex brizoides*** (695)
Dm: 32AA *Aln inc*, 32AAA *Aln-enion glu-inc*
- Carex buekii*** (55)
Dg: 13DA *Pha aru*
Dm: 13DA *Pha aru*
- Carex canescens*** (465)
Dg: 19 SCH-CAR
C: 19BA *Eri gra*
- Carex caryophylla*** (437)
Dg: 26 FES-BRO, 26BB *Koe-Phl*
- Carex cespitosa*** (180)
Dg: 21BB *Cal*, 21BBA *Cal-enion*
Dm: 21BBA *Cal-enion*
- Carex chordorrhiza*** (7)
Dm: 19BA *Eri gra*
- Carex davalliana*** (185)
Dg: 19 SCH-CAR, 19AB *Car dav*
C: 19AB *Car dav*
Dm: 19 SCH-CAR, 19AB *Car dav*, 19AF *Sph-Tom*
- Carex demissa*** (121)
Dg: 19 SCH-CAR, 19AD *Car dem*, 19AF *Sph-Tom*
C: 19AD *Car dem*
- Carex diandra*** (104)
Dg: 13EC *Car ros*, 19BA *Eri gra*
C: 19BA *Eri gra*
Dm: 13EC *Car ros*, 19BA *Eri gra*
- Carex digitata*** (556)
Dg: 32 QUE-FAG, 32AB *Carp*
C: 32ADC *Cep-Fag-enion*
- Carex distans*** (84)
Dg: 43AA *Agr-Rum*, 43AAB *Lot-Tri-enion*
Dm: 43AAB *Lot-Tri-enion*
- Carex disticha*** (168)
Dm: 13ED *Car gra*
- Carex echinata*** (592)
Dg: 19 SCH-CAR, 19AA *Car fus*
C: 19 SCH-CAR, 19AC *Car las*, 19AD *Car dem*,
19AE *Dre exa*, 19AF *Sph-Tom*
- Carex elata*** (64)
Dg: 13EB *Mag ela*
C: 13EB *Mag ela*
Dm: 13EB *Mag ela*
- Carex elongata*** (97)
Dg: 31 ALN GLU, 31AA *Aln glu*
C: 31 ALN GLU
- Carex flacca*** (452)
Dg: 19AB *Car dav*, 26BA *Bro ere*
- Carex flava*** (313)
Dg: 19 SCH-CAR, 19AB *Car dav*
C: 19AF *Sph-Tom*
- Carex fritschii*** (7)
Dg: 32BB *Ace-Que*
- Carex hirta*** (907)
Dg: 21 MOL-ARR, 21BB *Cal*, 21BBA *Cal-enion*
C: 43AAB *Lot-Tri-enion*
- Carex humilis*** (792)
Dg: 26 FES-BRO, 26AE *Fes val*, 26AEA *Fes-enion*
val, 26BA *Bro ere*
C: 22BB *Eup-Cal*, 26AAB *Pot-Fes-enion*, 26AD
Asp-Arm, 34 ERI-PIN, 34AA *Eri-Pin*
Dm: 34 ERI-PIN, 34AA *Eri-Pin*
- Carex lasiocarpa*** (62)
Dg: 19AF *Sph-Tom*
Dm: 19AC *Car las*, 19AF *Sph-Tom*, 19BA *Eri gra*
- Carex limosa*** (74)
Dg: 19 SCH-CAR, 19BD *Leu-Sch*
C: 19AE *Dre exa*, 19BD *Leu-Sch*
Dm: 19BD *Leu-Sch*
- Carex melanostachya*** (17)
Dg: 21BC *Cni ven*
- Carex michelii*** (125)
Dg: 32BA *Que pub*, 32BB *Ace-Que*
C: 32BB *Ace-Que*
- Carex montana*** (414)
Dg: 32AB *Carp*, 32BC *Que pet*
C: 32BB *Ace-Que*

- Carex muricata** agg. (405)
C: 37AB *Atr bel*
- Carex nigra** (1946)
Dg: 19 SCH-CAR, 19AA *Car fus*, 21 MOL-ARR, 21BB *Cal*, 21BBA *Cal-enion*
C: 05 SAL HER, 05AA *Sal her*, 19 SCH-CAR, 19AA *Car fus*, 19AB *Car dav*, 19AC *Car las*, 19AD *Car dem*, 19AF *Sph-Tom*, 19BA *Eri gra*, 19BB *Rhy alb*, 19BC *Sph-Car*, 21 MOL-ARR, 21BB *Cal*, 21BBA *Cal-enion*, 22AC *Nar-Jun*
Dm: 19AA *Car fus*
- Carex otrubae** (62)
Dg: 43AA *Agr-Rum*, 43AAB *Lot-Tri-enion*
Dm: 43AAB *Lot-Tri-enion*
- Carex ovalis** (684)
Dg: 21 MOL-ARR, 21BBA *Cal-enion*
- Carex pallescens** (844)
Dg: 21 MOL-ARR, 21BBA *Cal-enion*, 21BE *Mol*
C: 37AB *Atr bel*
- Carex panicea** (1684)
Dg: 19 SCH-CAR, 19AB *Car dav*, 21 MOL-ARR, 21BB *Cal*, 21BBA *Cal-enion*, 21BE *Mol*
C: 05 SAL HER, 05AA *Sal her*, 19 SCH-CAR, 19AA *Car fus*, 19AB *Car dav*, 19AC *Car las*, 19AD *Car dem*, 19AF *Sph-Tom*, 21BBA *Cal-enion*, 21BE *Mol*, 22AC *Nar-Jun*
Dm: 19AB *Car dav*
- Carex paniculata** (143)
Dm: 13EC *Car ros*
- Carex pauciflora** (69)
Dg: 20 OXY-SPH, 20AA *Oxy-Emp*, 20AB *Sph med*
C: 20 OXY-SPH, 20AA *Oxy-Emp*
- Carex pilosa** (455)
Dg: 32 QUE-FAG, 32AB *Carp*
Dm: 32AB *Carp*
- Carex pilulifera** (550)
Dg: 22 NAR-CAL, 22AB *Vio can*, 22AD *Nar-Agr*
C: 22 NAR-CAL, 22AD *Nar-Agr*
- Carex praecox** (180)
Dg: 21BC *Cni ven*
C: 21BC *Cni ven*
- Carex pseudocyperus** (51)
Dg: 13EA *Car-Rum*
Dm: 13EA *Car-Rum*
- Carex pulicaris** (108)
Dg: 19 SCH-CAR, 19AF *Sph-Tom*
- Carex remota** (380)
Dg: 18 MON-CAR, 32AA *Aln inc*, 32AAA *Aln-enion glu-inc*
C: 18 MON-CAR, 18AA *Car-Mon*
Dm: 18AA *Car-Mon*
- Carex riparia** (106)
Dg: 13ED *Car gra*
Dm: 13ED *Car gra*
- Carex rostrata** (865)
Dg: 13EC *Car ros*, 19 SCH-CAR, 19BC *Sph-Car*
C: 13EC *Car ros*, 19 SCH-CAR, 19AC *Car las*, 19AD *Car dem*, 19AF *Sph-Tom*, 19BA *Eri gra*, 19BB *Rhy alb*, 19BC *Sph-Car*
Dm: 13 PHR-MAG, 13EC *Car ros*, 19 SCH-CAR, 19AA *Car fus*, 19BC *Sph-Car*
- Carex supina** (97)
Dg: 25AD *Pla-Fes*, 26AEA *Fes-enion val*
- Carex sylvatica** (798)
Dg: 32 QUE-FAG, 32AA *Aln inc*, 32AAA *Aln-enion glu-inc*, 32AD *Fag*, 32ADA *Eu-Fag-enion*
- Carex vesicaria** (560)
Dg: 13 PHR-MAG, 13ED *Car gra*
Dm: 13ED *Car gra*
- Carex vulpina** (213)
Dg: 13ED *Car gra*
- Carlina acaulis** (616)
Dg: 26 FES-BRO, 26BA *Bro ere*
C: 21ACB *Pol-Cyn-enion*
- Carlina vulgaris** (398)
Dg: 26 FES-BRO, 26BA *Bro ere*
- Carpinus betulus** (1345)
Dg: 32 QUE-FAG, 32AB *Carp*, 32AC *Til-Ace*
C: 32 QUE-FAG, 32AB *Carp*
Dm: 32 QUE-FAG, 32AB *Carp*, 32AC *Til-Ace*
- Caucalis platycarpos** (71)
Dg: 44 SEC, 44AA *Cau lap*
- Centaurea cyanus** (246)
Dg: 44 SEC, 44AB *She*, 44BA *Aph*
C: 44AB *She*
- Centaurea jacea** (1582)
Dg: 21 MOL-ARR, 21AA *Arr*, 21BE *Mol*, 26BA *Bro ere*

- C: 21ACB *Pol-Cyn-enion*, 21BC *Cni ven*, 21BE *Mol*
- Centaurea scabiosa* (839)**
Dg: 26 *FES-BRO*, 26AE *Fes val*, 26BA *Bro ere*
C: 26 *FES-BRO*, 26AEB *Cor-Fes-enion*, 26BA *Bro ere*, 27 *TRI-GER*, 27AA *Ger san*, 34 *ERI-PIN*
- Centaurea stoebe* (925)**
Dg: 25 *SED-SCL*, 26 *FES-BRO*, 26AA *Aly-Fes*, 26AE *Fes val*, 26AEA *Fes-enion val*
C: 25 *SED-SCL*, 25BA *Aly-Sed*, 26 *FES-BRO*, 26AA *Aly-Fes*, 26AAA *Aly-Fes-enion*, 26AAB *Pot-Fes-enion*, 26AB *Hel-Fes*, 26ACC *Cyn-Ses-enion*, 26AE *Fes val*, 26AEA *Fes-enion val*
- Centaurea triumfettii* ssp. *axillaris* (122)**
Dg: 26AC *Ses-Fes*, 26ACC *Cyn-Ses-enion*
- Centaureum pulchellum* (34)**
Dg: 43AAB *Lot-Tri-enion*
- Centunculus minimus* (5)**
Dg: 12AB *Rad lin*
- Cephalanthera damasonium* (51)**
Dg: 32ADC *Cep-Fag-enion*
- Cephalanthera rubra* (12)**
Dg: 32ADC *Cep-Fag-enion*
- Cerastium alsinifolium* (4)**
Dg: 01AC *Asp ser*
- Cerastium arvense* (524)**
Dg: 26BB *Koe-Phl*
C: 26AEB *Cor-Fes-enion*
- Cerastium dubium* (15)**
Dg: 21BC *Cni ven*
- Cerastium holosteoides* ssp. *triviale* (2036)**
Dg: 21 *MOL-ARR*, 21AA *Arr*
C: 21 *MOL-ARR*, 21AA *Arr*, 21AB *Pol-Tri*, 21AC *Cyn*, 21ACA *Lol-Cyn-enion*, 21ACB *Pol-Cyn-enion*, 21BA *Alo pra*
- Cerastium lucorum* (120)**
Dg: 21BBA *Cal-enion*
- Cerastium semidecandrum* (63)**
Dg: 25AD *Pla-Fes*
- Ceratodon purpureus* (746)**
Dg: 25 *SED-SCL*, 26AA *Aly-Fes*, 26AAA *Aly-Fes-enion*
C: 22BB *Eup-Cal*, 23 *KOE-COR*, 25 *SED-SCL*, 25AB *Ara tha*, 25AD *Pla-Fes*, 26AA *Aly-Fes*, 26AAA *Aly-Fes-enion*, 26AAB *Pot-Fes-enion*, 26AEB *Cor-Fes-enion*
- Ceratophyllum demersum* (272)**
Dg: 07 *LEM*, 07CA *Hyd*, 09 *POT*
C: 07 *LEM*, 07CA *Hyd*
Dm: 07 *LEM*, 07CA *Hyd*
- Cetraria cucullata* (4)**
Dg: 04 *JUN TRI*, 04AA *Jun tri*, 04AB *Nar-Car*
- Cetraria islandica* (138)**
Dg: 04 *JUN TRI*, 04AA *Jun tri*, 22BA *Gen*, 35AC *Pin mug*
C: 04 *JUN TRI*, 04AA *Jun tri*
- Cetraria nivalis* (3)**
Dg: 04AB *Nar-Car*
- Chaerophyllum aromaticum* (365)**
Dg: 41 *GAL-URT*
Dm: 41CC *Aeg pod*
- Chaerophyllum aureum* (29)**
Dm: 41CC *Aeg pod*
- Chaerophyllum bulbosum* (74)**
Dg: 41 *GAL-URT*, 41AA *Sen flu*
Dm: 41CC *Aeg pod*
- Chaerophyllum hirsutum* (1017)**
Dg: 21BB *Cal*, 32AA *Aln inc*, 32AAA *Aln-enion glu-inc*, 41BA *Pet off*
C: 06 *MUL-ACO*, 06AA *Ade*, 18 *MON-CAR*, 18AB *Car ama*, 18AC *Swe-Ani*, 28 *BET-ALN*, 28AA *Sal sil*, 30 *SAL PUR*, 32AAA *Aln-enion glu-inc*, 41BA *Pet off*
Dm: 18 *MON-CAR*, 18AB *Car ama*, 21BBB *Fil-enion*
- Chara fragilis* (4)**
Dg: 08 *CHA FRA*, 08BA *Cha asp*, 08BC *Cha fra*
C: 08BC *Cha fra*
Dm: 08 *CHA FRA*, 08BC *Cha fra*
- Chara hispida* (3)**
Dg: 08 *CHA FRA*, 08BA *Cha asp*
C: 08BA *Cha asp*
Dm: 08 *CHA FRA*, 08BA *Cha asp*
- Chara vulgaris* (18)**
Dg: 08 *CHA FRA*, 08BB *Cha vul*
C: 08 *CHA FRA*, 08BB *Cha vul*
Dm: 08 *CHA FRA*, 08BB *Cha vul*
- Chelidonium majus* (276)**
Dg: 36 *ROB*

- C: 02 PAR, 02AA *Cen-Par*, 36 ROB, 36AA *Che-Rob*
- Chenopodium album* agg.** (1039)
Dg: 39 CHE, 39AD *Sis off*, 44 SEC, 44AA *Cau lap*, 44BA *Aph*
C: 39 CHE, 39AA *Che gla*, 39AC *Bro-Hor*, 39AD *Sis off*, 39BB *Spe-Oxa*, 39BC *Pan-Set*, 39CA *Era*, 44 SEC, 44AA *Cau lap*, 44AB *She*, 44AC *Ver-Tar*, 44BA *Aph*
Dm: 39AD *Sis off*
- Chenopodium bonus-henricus*** (25)
Dg: 41CB *Arc lap*
- Chenopodium botrys*** (6)
Dg: 39CB *Sal rut*
C: 39CB *Sal rut*
- Chenopodium ficifolium*** (39)
Dg: 39AA *Che gla*
- Chenopodium glaucum*** (80)
Dg: 12AC *Nan fla*, 14 CRY ACU, 14AA *Cyp-Spe*, 39AA *Che gla*
C: 12AC *Nan fla*, 14 CRY ACU, 14AA *Cyp-Spe*, 39AA *Che gla*, 39CB *Sal rut*
Dm: 12AC *Nan fla*, 14 CRY ACU, 14AA *Cyp-Spe*, 39AA *Che gla*
- Chenopodium hybridum*** (122)
Dg: 39 CHE
- Chenopodium polyspermum*** (197)
Dg: 39 CHE, 39BB *Spe-Oxa*
C: 39BB *Spe-Oxa*
- Chenopodium rubrum*** (61)
Dg: 38 BID TRI, 38AA *Bid tri*, 39AA *Che gla*
C: 39AA *Che gla*
- Chenopodium vulvaria*** (7)
Dg: 39AB *Mal neg*
Dm: 39AB *Mal neg*
- Chrysosplenium alternifolium*** (364)
Dg: 18 MON-CAR, 18AB *Car ama*, 32AA *Aln inc*, 32AAA *Aln-enion glu-inc*
C: 18 MON-CAR, 18AB *Car ama*
- Chrysosplenium oppositifolium*** (72)
Dg: 18AB *Car ama*
Dm: 18AB *Car ama*
- Cicerbita alpina*** (128)
Dg: 06 MUL-ACO, 06AA *Ade*, 06AB *Dry-Ath*, 32ADB *Ace-enion*
C: 32ADB *Ace-enion*
- Cicuta virosa*** (29)
Dm: 13EA *Car-Rum*
- Circaea alpina*** (125)
Dg: 32ADB *Ace-enion*
C: 32ADB *Ace-enion*
- Circaea lutetiana*** (504)
Dg: 32 QUE-FAG, 32AA *Aln inc*, 32AAA *Aln-enion glu-inc*, 32AAB *Ulm-enion*
C: 32AAB *Ulm-enion*
- Cirriphyllum piliferum*** (476)
Dg: 21 MOL-ARR, 21BB *Cal*, 21BBA *Cal-enion*
- Cirsium acaule*** (323)
Dg: 26 FES-BRO, 26BA *Bro ere*
- Cirsium arvense*** (1752)
Dg: 39 CHE, 44 SEC, 44AA *Cau lap*, 44BA *Aph*
C: 21BC *Cni ven*, 21BD *Ver-Lys*, 37AB *Atr bel*, 39 CHE, 39BA *Fum-Eup*, 39BB *Spe-Oxa*, 39BC *Pan-Set*, 40 ART VUL, 40AB *Dau-Mel*, 44 SEC, 44AA *Cau lap*, 44AB *She*, 44AC *Ver-Tar*, 44BA *Aph*
Dm: 39BC *Pan-Set*
- Cirsium brachycephalum*** (6)
Dg: 13BA *Sci mar*
- Cirsium canum*** (550)
Dg: 21 MOL-ARR
- Cirsium heterophyllum*** (274)
Dm: 21BB *Cal*, 21BBA *Cal-enion*
- Cirsium oleraceum*** (1240)
Dg: 21 MOL-ARR, 21BB *Cal*, 21BBA *Cal-enion*, 32AA *Aln inc*, 32AAA *Aln-enion glu-inc*
Dm: 21BB *Cal*, 21BBA *Cal-enion*, 41CC *Aeg pod*
- Cirsium palustre*** (1990)
Dg: 21 MOL-ARR, 21BB *Cal*, 21BBA *Cal-enion*, 21BE *Mol*
C: 19 SCH-CAR, 19AA *Car fus*, 19AD *Car dem*, 19AF *Sph-Tom*, 21 MOL-ARR, 21BB *Cal*, 21BBA *Cal-enion*, 21BE *Mol*, 31 ALN GLU
- Cirsium pannonicum*** (115)
Dg: 26BA *Bro ere*
- Cirsium rivulare*** (517)
Dg: 21 MOL-ARR, 21BB *Cal*, 21BBA *Cal-enion*
- Cladium mariscus*** (9)
Dg: 13EB *Mag ela*
Dm: 13EB *Mag ela*

- Cladonia arbuscula*** (128)
Dg: 22BA Gen
Dm: 24 FES VAG, 24AA Koe gla
- Cladonia foliacea*** (184)
Dg: 22BB Eup-Cal, 25 SED-SCL, 26AAB Pot-Fes-enion
- Cladonia gracilis*** agg. (23)
Dg: 22BA Gen
- Cladonia phyllophora*** (26)
Dg: 25AD Pla-Fes
- Cladonia pleurota*** (5)
Dg: 22BA Gen
- Cladonia pyxidata*** agg. (185)
Dg: 25AD Pla-Fes
- Cladonia rangiformis*** (273)
Dg: 26AAB Pot-Fes-enion
C: 26AAB Pot-Fes-enion
- Cladonia uncialis*** (16)
Dg: 04AA Jun tri
- Climacium dendroides*** (1005)
Dg: 21 MOL-ARR, 21BB Cal, 21BBA Cal-enion, 21BE Mol
Dm: 19AA Car fus, 19BC Sph-Car
- Clinopodium vulgare*** (520)
Dg: 32BC Que pet
C: 32BA Que pub, 32BB Ace-Que
- Cnidium dubium*** (58)
Dg: 21BC Cni ven
C: 21BC Cni ven, 21BD Ver-Lys
- Coelocaulon aculeatum*** (72)
Dg: 25 SED-SCL, 25AC Hyp-Scl
- Colchicum autumnale*** (621)
Dg: 21 MOL-ARR
- Coleanthus subtilis*** (8)
Dg: 12 ISO-NAN, 12AA Ele ova
- Cololejeunea rossettiana*** (2)
Dg: 01AB Cys
- Conocephalum conicum*** (51)
Dm: 18BA Lyc-Cra
- Conringia orientalis*** (31)
Dg: 44 SEC, 44AA Cau lap
- Consolida regalis*** (328)
Dg: 44 SEC, 44AA Cau lap
C: 44 SEC, 44AA Cau lap, 44AC Ver-Tar
- Convallaria majalis*** (722)
Dg: 32 QUE-FAG, 32AB Carp
C: 32AB Carp, 32BB Ace-Que, 33 QUE ROB
Dm: 32BB Ace-Que
- Convolvulus arvensis*** (1296)
Dg: 39 CHE, 44 SEC, 44AA Cau lap
C: 39 CHE, 39AC Bro-Hor, 39BC Pan-Set, 42 AGR REP, 42AA Con-Agr, 44 SEC, 44AA Cau lap, 44AB She
Dm: 42 AGR REP, 42AA Con-Agr
- Conyza canadensis*** (332)
Dg: 39 CHE, 39AD Sis off
C: 39AD Sis off, 39CA Era, 39CB Sal rut, 40 ART VUL
- Corallorrhiza trifida*** (9)
Dg: 32ADC Cep-Fag-enion
- Cornus mas*** (142)
Dg: 32BA Que pub
C: 32BA Que pub
Dm: 32BA Que pub, 32BB Ace-Que
- Cornus sanguinea*** (462)
Dg: 32 QUE-FAG, 32AB Carp
C: 29 RHA-PRU
Dm: 32BB Ace-Que
- Coronilla vaginalis*** (35)
Dg: 26BA Bro ere
- Coronopus squamatus*** (31)
Dg: 43 PLA MAJ, 43BA Pol avi
- Corydalis lutea*** (2)
Dg: 02 PAR, 02AA Cen-Par
C: 02 PAR
- Corylus avellana*** (769)
Dg: 32 QUE-FAG, 32AB Carp, 32AC Til-Ace
Dm: 29 RHA-PRU, 29AA Ber, 29AB Pru spi
- Corynephorus canescens*** (136)
Dg: 23 KOE-COR, 23AA Cor can, 24 FES VAG, 24AA Koe gla, 25 SED-SCL, 25AC Hyp-Scl, 25AD Pla-Fes
C: 23 KOE-COR, 23AA Cor can, 24 FES VAG, 24AA Koe gla, 25AD Pla-Fes
Dm: 23 KOE-COR, 23AA Cor can, 25AC Hyp-Scl, 25AD Pla-Fes

- Cotoneaster integerrimus** (162)
Dg: 26AC *Ses-Fes*, 26ACC *Cyn-Ses-enion*
C: 26ACC *Cyn-Ses-enion*
Dm: 29 *RHA-PRU*, 29AB *Pru spi*
- Crataegus laevigata** (298)
Dg: 32 *QUE-FAG*, 32AB *Carp*
- Crataegus monogyna** (309)
Dg: 32 *QUE-FAG*, 32AB *Carp*, 32BA *Que pub*
- Cratoneuron commutatum** (103)
Dg: 18BA *Lyc-Cra*, 19AB *Car dav*
C: 18BA *Lyc-Cra*
Dm: 18 *MON-CAR*, 18BA *Lyc-Cra*, 19AB *Car dav*
- Cratoneuron filicinum** (110)
Dm: 18AC *Swe-Ani*
- Crepis biennis** (461)
Dg: 21AA *Arr*
- Crepis conyzifolia**
Dg: 06BA *Cal vil*, 22AD *Nar-Agr*
- Crepis foetida ssp. rhoeadifolia** (27)
Dg: 40 *ART VUL*, 40AB *Dau-Mel*
- Crepis mollis** (432)
Dg: 21 *MOL-ARR*, 21AB *Pol-Tri*
C: 21AB *Pol-Tri*
- Crepis paludosa** (1208)
Dg: 21 *MOL-ARR*, 21BB *Cal*, 21BBA *Cal-enion*,
32AA *Aln inc*, 32AAA *Aln-enion glu-inc*
C: 06AA *Ade*, 18AC *Swe-Ani*, 28 *BET-ALN*, 28AA
Sal sil, 31 *ALN GLU*
- Crypsis aculeata** (4)
Dg: 14 *CRY ACU*, 14AA *Cyp-Spe*
C: 14 *CRY ACU*, 14AA *Cyp-Spe*
Dm: 14 *CRY ACU*, 14AA *Cyp-Spe*
- Cryptogramma crispa** (2)
Dg: 03AA *And alp*
C: 03AA *And alp*
- Cucubalus baccifer** (24)
Dg: 41AA *Sen flu*
- Cuscuta europaea** (59)
Dg: 41 *GAL-URT*, 41AA *Sen flu*
- Cymbalaria muralis** (8)
Dg: 02 *PAR*, 02AA *Cen-Par*
C: 02 *PAR*, 02AA *Cen-Par*
- Cynodon dactylon** (30)
Dg: 25AD *Pla-Fes*
- Cynosurus cristatus** (610)
Dg: 21 *MOL-ARR*, 21AA *Arr*, 21AC *Cyn*, 21ACA
Lol-Cyn-enion
C: 21AC *Cyn*, 21ACA *Lol-Cyn-enion*, 21ACB *Pol-Cyn-enion*
- Cyperus fuscus** (44)
Dg: 12 *ISO-NAN*, 12AC *Nan fla*
C: 12AC *Nan fla*
- Cystopteris fragilis** (129)
Dg: 01 *ASP TRI*, 01AB *Cys*
C: 01AB *Cys*, 02 *PAR*
- Dactylis glomerata** (2872)
Dg: 21 *MOL-ARR*, 21AA *Arr*
C: 21 *MOL-ARR*, 21AA *Arr*, 21AB *Pol-Tri*, 21AC
Cyn, 21ACA *Lol-Cyn-enion*, 21ACB *Pol-Cyn-enion*,
27 *TRI-GER*, 32BB *Ace-Que*, 37AB *Atr bel*,
41 *GAL-URT*, 41CC *Aeg pod*
- Dactylis polygama** (447)
Dg: 32 *QUE-FAG*, 32AB *Carp*
- Dactylorhiza incarnata** (25)
Dg: 19AB *Car dav*
- Dactylorhiza majalis** (518)
Dg: 19 *SCH-CAR*, 19AB *Car dav*, 21BB *Cal*,
21BBA *Cal-enion*
C: 19AB *Car dav*
- Danthonia decumbens** (399)
Dg: 22 *NAR-CAL*, 22AB *Vio can*
- Daphne mezereum** (478)
Dg: 32 *QUE-FAG*, 32AB *Carp*, 32AD *Fag*
C: 32ADC *Cep-Fag-enion*
- Daucus carota ssp. carota** (996)
Dg: 21AA *Arr*, 40 *ART VUL*, 40AB *Dau-Mel*
C: 40 *ART VUL*, 40AB *Dau-Mel*, 42 *AGR REP*
- Delphinium elatum** (7)
Dg: 06BB *Cal aru*
- Dentaria bulbifera** (579)
Dg: 32 *QUE-FAG*, 32AD *Fag*, 32ADA *Eu-Fag-enion*
C: 32ADA *Eu-Fag-enion*
- Dentaria enneaphyllos** (250)
Dg: 32 *QUE-FAG*, 32AD *Fag*, 32ADA *Eu-Fag-enion*

- Descurainia sophia*** (298)
Dg: 44 SEC, 44AA Cau lap
C: 44AA Cau lap
- Deschampsia cespitosa*** (3422)
Dg: 21 MOL-ARR, 21BB Cal, 21BBA Cal-enion, 21BE Mol
C: 06 MUL-ACO, 06AA Ade, 06BC Poo-Des, 18AC Swe-Ani, 21 MOL-ARR, 21AB Pol-Tri, 21BA Alo pra, 21BB Cal, 21BBA Cal-enion, 21BE Mol, 22 NAR-CAL, 22AD Nar-Agr, 28 BET-ALN, 31 ALN GLU, 31AA Aln glu, 32AA Aln inc, 32AAA Aln-enion glu-inc, 32AAB Ulm-enion, 32ADD Gal-Abi-enion, 41CD Rum alp
Dm: 06 MUL-ACO, 06AA Ade, 06BC Poo-Des, 21BA Alo pra, 22AC Nar-Jun
- Dianthus arenarius ssp. bohemicus*** (4)
Dg: 24 FES VAG, 24AA Koe gla
- Dianthus carthusianorum agg.*** (1071)
Dg: 26 FES-BRO, 26AE Fes val, 26AEA Fes-enion val, 26AEC Ast-Ach-enion, 26BB Koe-Phl
C: 22BB Eup-Cal, 26 FES-BRO, 26AAB Pot-Fes-enion, 26AD Asp-Arm, 26AE Fes val, 26AEA Fes-enion val, 26AEC Ast-Ach-enion, 26BB Koe-Phl, 34 ERI-PIN
- Dianthus deltoides*** (286)
Dg: 22AB Vio can
C: 26AEB Cor-Fes-enion
- Dianthus lumnitzeri*** (4)
Dg: 26AC Ses-Fes, 26ACB Ses-Fes-enion
- Dianthus moravicus*** (4)
Dg: 26AAB Pot-Fes-enion
- Dicranella palustris*** (11)
Dg: 18 MON-CAR, 18AC Swe-Ani
- Dicranodontium denudatum*** (74)
Dg: 35 VAC-PIC, 35AB Pic exc
- Dicranum bergeri*** (15)
Dg: 20AB Sph med
- Dicranum polysetum*** (153)
Dg: 35 VAC-PIC, 35AA Dic-Pin
- Dicranum scoparium*** (840)
Dg: 32AE Luz-Fag, 35 VAC-PIC, 35AB Pic exc
C: 32ADD Gal-Abi-enion, 35 VAC-PIC, 35AB Pic exc
- Dictamnus albus*** (152)
Dg: 32BA Que pub, 32BB Ace-Que
- C: 32BB Ace-Que
- Digitalis purpurea*** (24)
Dg: 37 EPIANG, 37AA Car-Epi
- Digitaria ischaemum*** (40)
Dm: 39AC Bro-Hor
- Digitaria sanguinalis*** (15)
Dg: 39CA Era
Dm: 39AC Bro-Hor
- Dichodontium pellucidum*** (3)
Dg: 18AC Swe-Ani
- Diphasiastrum alpinum*** (5)
Dg: 04AB Nar-Car
- Distichium capillaceum*** (4)
Dg: 01CA Agr alp
- Ditrichum flexicaule*** (33)
Dg: 26AC Ses-Fes, 26ACB Ses-Fes-enion
C: 26ACB Ses-Fes-enion
- Dorycnium pentaphyllum agg.*** (100)
Dg: 26AE Fes val
- Drepanocladus fluitans*** (80)
Dg: 19 SCH-CAR, 19BD Leu-Sch
C: 19BD Leu-Sch
Dm: 19AC Car las, 19BD Leu-Sch
- Drepanocladus revolvens*** (99)
Dg: 19 SCH-CAR, 19AD Car dem
C: 19AD Car dem
- Drepanocladus uncinatus*** (22)
Dg: 06AA Ade
- Drepanocladus vernicosus*** (31)
Dg: 19AD Car dem, 19BB Rhy alb
- Drosera rotundifolia*** (218)
Dg: 19 SCH-CAR, 19AD Car dem, 19AF Sph-Tom, 19BB Rhy alb
C: 19AD Car dem, 19AF Sph-Tom, 19BB Rhy alb
- Dryopteris carthusiana*** (670)
Dg: 32 QUE-FAG, 32AD Fag, 32ADA Eu-Fag-enion
C: 31 ALN GLU
Dm: 32ADD Gal-Abi-enion
- Dryopteris dilatata*** (1036)
Dg: 32 QUE-FAG, 32AD Fag, 32ADA Eu-Fag-enion, 32AE Luz-Fag, 35 VAC-PIC, 35AB Pic exc

C: 28 BET-ALN, 28AA *Sal sil*, 35 VAC-PIC, 35AB
Pic exc, 35BA *Ath-Pic*

***Dryopteris filix-mas* agg.** (1429)

Dg: 32 QUE-FAG, 32AC *Til-Ace*, 32AD *Fag*,
32ADA *Eu-Fag-enion*
C: 06AB *Dry-Ath*, 06BB *Cal aru*, 32 QUE-FAG,
32AC *Til-Ace*, 32AD *Fag*, 32ADA *Eu-Fag-enion*,
32ADB *Ace-enion*
Dm: 06 MUL-ACO, 06AB *Dry-Ath*

Echinochloa crus-galli (247)

Dg: 39 CHE, 39BC *Pan-Set*
C: 39BC *Pan-Set*, 39CA *Era*

Echinops sphaerocephalus (34)

Dm: 40AA *Ono aca*

Echium vulgare (671)

Dg: 26 FES-BRO, 26AE *Fes val*, 26AEA *Fes-enion*
val
C: 25BA *Aly-Sed*, 26AAB *Pot-Fes-enion*, 26AEB
Cor-Fes-enion, 40 ART VUL, 40AB *Dau-Mel*

Elatine hexandra (9)

Dg: 10 ISO-LIT, 10AB *Lit uni*

Elatine hydropiper (16)

Dg: 12 ISO-NAN, 12AA *Ele ova*

Elatine triandra (9)

Dg: 12 ISO-NAN, 12AA *Ele ova*

Eleocharis acicularis (125)

Dg: 10 ISO-LIT, 10AB *Lit uni*, 12 ISO-NAN
C: 10 ISO-LIT, 10AB *Lit uni*
Dm: 10 ISO-LIT, 10AB *Lit uni*

Eleocharis ovata (77)

Dg: 12 ISO-NAN, 12AA *Ele ova*
C: 12 ISO-NAN, 12AA *Ele ova*

***Eleocharis palustris* agg.** (339)

Dg: 13 PHR-MAG, 13CA *Oen aqu*
C: 11 UTR, 17 FES-PUC, 17AA *Sco-Jun*
Dm: 13CA *Oen aqu*, 17 FES-PUC

Eleocharis quinqueflora (13)

Dg: 19AD *Car dem*

Elodea canadensis (191)

Dg: 09 POT, 09AB *Mag*, 09ABB *Pot-enion luc*
Dm: 09 POT, 09AB *Mag*, 09ABB *Pot-enion luc*

Elymus caninus (237)

Dg: 32AA *Aln inc*, 32AAA *Aln-enion glu-inc*

Elytrigia intermedia (297)

Dg: 26 FES-BRO, 26AE *Fes val*, 26AEA *Fes-enion*
val

Elytrigia repens (1782)

Dg: 39 CHE, 41 GAL-URT, 44 SEC, 44AA *Cau lap*,
44BA *Aph*
C: 26AEC *Ast-Ach-enion*, 39 CHE, 39AD *Sis off*,
39BA *Fum-Eup*, 39BB *Spe-Oxa*, 39BC *Pan-Set*,
39CA *Era*, 40 ART VUL, 40AA *Ono aca*, 41 GAL-
URT, 41CB *Arc lap*, 41CC *Aeg pod*, 42 AGR REP,
42AA *Con-Agr*, 44 SEC, 44AA *Cau lap*, 44AB
She, 44AC *Ver-Tar*, 44BA *Aph*
Dm: 26AEC *Ast-Ach-enion*, 41CB *Arc lap*, 42 AGR
REP, 42AA *Con-Agr*

Empetrum hermaphroditum (35)

Dg: 20 OXY-SPH, 20AA *Oxy-Emp*
C: 20AA *Oxy-Emp*
Dm: 04 JUN TRI, 04AA *Jun tri*

Empetrum nigrum (51)

Dg: 20 OXY-SPH, 20AB *Sph med*

Encalypta streptocarpa (31)

Dg: 01 ASP TRI, 01AA *Pot cau*

Encalypta vulgaris (24)

Dg: 26ACA *Poo-Teu-enion*

Epilobium alpestre (18)

Dg: 06 MUL-ACO

Epilobium alsinifolium (19)

Dg: 18 MON-CAR, 18AC *Swe-Ani*

Epilobium anagallidifolium (4)

Dg: 18AC *Swe-Ani*

Epilobium angustifolium (368)

Dg: 37 EPI ANG, 37AA *Car-Epi*, 37BA *Sam-Sal*
C: 37 EPI ANG, 37AA *Car-Epi*, 37AB *Atr bel*,
37AC *Rum-Ave*, 37BA *Sam-Sal*
Dm: 37 EPI ANG, 37AA *Car-Epi*

Epilobium collinum (40)

C: 39CB *Sal rut*

Epilobium montanum (679)

Dg: 32 QUE-FAG
C: 37AB *Atr bel*

Epilobium obscurum (171)

Dg: 21BB *Cal*, 21BBA *Cal-enion*

Epipactis albensis (6)

Dg: 32AAB *Ulm-enion*

- Epipactis helleborine*** (107)
Dg: 32ADC *Cep-Fag-enion*
- Epipactis palustris*** (86)
Dg: 19AB *Car dav*
- Equisetum arvense*** (1489)
Dg: 21 *MOL-ARR*
- Equisetum fluviatile*** (879)
Dg: 13 *PHR-MAG*, 13EC *Car ros*
C: 13EC *Car ros*, 19BA *Eri gra*, 31 *ALN GLU*
Dm: 31BA *Sal cin*
- Equisetum palustre*** (1538)
Dg: 21 *MOL-ARR*, 21BB *Cal*, 21BBA *Cal-enion*
C: 19 *SCH-CAR*, 19AB *Car dav*, 19AF *Sph-Tom*,
21BBB *Fil-enion*
Dm: 19AC *Car las*
- Equisetum sylvaticum*** (624)
Dg: 32AA *Aln inc*, 32AAA *Aln-enion glu-inc*
C: 05 *SAL HER*, 05AA *Sal her*, 28 *BET-ALN*,
32ADD *Gal-Abi-enion*
Dm: 32ADD *Gal-Abi-enion*
- Eragrostis minor*** (31)
Dg: 39CA *Era*, 43BA *Pol avi*
C: 39CA *Era*
- Erica carnea*** (21)
Dg: 35AA *Dic-Pin*
- Eriophorum angustifolium*** (768)
Dg: 19 *SCH-CAR*, 19AA *Car fus*, 19AD *Car dem*
C: 05 *SAL HER*, 05AA *Sal her*, 19 *SCH-CAR*, 19AB
Car dav, 19AC *Car las*, 19AD *Car dem*, 19AE
Dre exa, 19AF *Sph-Tom*, 19BB *Rhy alb*, 19BC
Sph-Car
Dm: 19AB *Car dav*
- Eriophorum latifolium*** (257)
Dg: 19 *SCH-CAR*, 19AB *Car dav*, 19AF *Sph-Tom*
C: 19AB *Car dav*, 19AF *Sph-Tom*
- Eriophorum vaginatum*** (338)
Dg: 20 *OXY-SPH*, 20AA *Oxy-Emp*, 20AB *Sph med*
C: 05 *SAL HER*, 05AA *Sal her*, 19BD *Leu-Sch*, 20
OXY-SPH, 20AA *Oxy-Emp*, 20AB *Sph med*, 20BA
Oxy-Eri, 35AD *Bet pub*
Dm: 20 *OXY-SPH*, 20AB *Sph med*
- Erodium cicutarium*** (238)
Dg: 44 *SEC*, 44AA *Cau lap*
Dm: 40AA *Ono aca*
- Erophila verna*** agg. (195)
Dg: 25 *SED-SCL*, 25AB *Ara tha*, 25BA *Aly-Sed*
- C: 25AB *Ara tha*
- Eryngium campestre*** (781)
Dg: 26 *FES-BRO*, 26AE *Fes val*, 26AEA *Fes-enion*
val, 26AEC *Ast-Ach-enion*, 26BA *Bro ere*
C: 26 *FES-BRO*, 26AE *Fes val*, 26AEA *Fes-enion*
val, 26AEC *Ast-Ach-enion*
- Erysimum crepidifolium*** (185)
Dg: 26 *FES-BRO*, 26AE *Fes val*, 26AEA *Fes-enion*
val
- Erysimum diffusum*** (47)
Dg: 25AD *Pla-Fes*
- Erysimum cheiranthoides*** (153)
Dg: 44 *SEC*
- Erysimum odoratum*** (30)
Dg: 26ACB *Ses-Fes-enion*
- Eucladium verticillatum*** (2)
Dg: 18BA *Lyc-Cra*
- Euonymus europaea*** (241)
Dg: 32 *QUE-FAG*, 32AA *Aln inc*, 32AAA *Aln-enion*
glu-inc
- Euphorbia amygdaloides*** (315)
Dg: 32 *QUE-FAG*, 32AB *Carp*, 32ADA *Eu-Fag-*
enion
- Euphorbia cyparissias*** (2410)
Dg: 26 *FES-BRO*, 26AE *Fes val*, 26AEA *Fes-enion*
val, 26BA *Bro ere*
C: 21ACB *Pol-Cyn-enion*, 24 *FES VAG*, 25 *SED-*
SCL, 25AC *Hyp-Scl*, 25AD *Pla-Fes*, 26 *FES-BRO*,
26AA *Aly-Fes*, 26AAA *Aly-Fes-enion*, 26AAB
Pot-Fes-enion, 26AB *Hel-Fes*, 26AC *Ses-Fes*,
26ACB *Ses-Fes-enion*, 26ACC *Cyn-Ses-enion*,
26AE *Fes val*, 26AEA *Fes-enion val*, 26AEB *Cor-*
Fes-enion, 26AEC *Ast-Ach-enion*, 26BA *Bro ere*,
26BB *Koe-Phil*, 27 *TRI-GER*, 27AA *Ger san*,
27AB *Tri med*, 29 *RHA-PRU*, 29AA *Ber*, 32BA
Que pub, 32BC *Que pet*, 34 *ERI-PIN*, 34AA *Eri-*
Pin
- Euphorbia dulcis*** (387)
Dg: 32 *QUE-FAG*, 32AA *Aln inc*, 32AAA *Aln-enion*
glu-inc, 32AB *Carp*
- Euphorbia epithymoides*** (53)
Dg: 32BA *Que pub*
- Euphorbia exigua*** (228)
Dg: 44 *SEC*, 44AA *Cau lap*
C: 44AA *Cau lap*

- Euphorbia falcata*** (44)
Dg: 44 SEC, 44AA Cau lap
- Euphorbia helioscopia*** (421)
Dg: 39 CHE, 39BA Fum-Eup, 44 SEC, 44AA Cau lap
C: 39BB Spe-Oxa, 39BC Pan-Set, 44 SEC, 44AA Cau lap, 44AB She
- Euphorbia lucida*** (2)
Dg: 21BC Cni ven
- Euphrasia rostkoviana*** (224)
Dg: 21ACB Pol-Cyn-enion
C: 21ACB Pol-Cyn-enion
- Euphrasia stricta* agg.** (120)
Dg: 26BB Koe-Phl
- Eurhynchium crassinervium*** (4)
Dg: 01AB Cys
- Eurhynchium hians*** (528)
Dm: 18AA Car-Mon
- Fagus sylvatica*** (1887)
Dg: 32 QUE-FAG, 32AC Til-Ace, 32AD Fag, 32ADA Eu-Fag-enion, 32AE Luz-Fag
C: 32 QUE-FAG, 32AC Til-Ace, 32AD Fag, 32ADA Eu-Fag-enion, 32ADB Ace-enion, 32ADC Cep-Fag-enion, 32AE Luz-Fag
Dm: 06BB Cal aru, 32 QUE-FAG, 32AC Til-Ace, 32AD Fag, 32ADA Eu-Fag-enion, 32ADB Ace-enion, 32ADC Cep-Fag-enion, 32ADD Gal-Abi-enion, 32AE Luz-Fag
- Falcaria vulgaris*** (305)
Dg: 26 FES-BRO
- Fallopia convolvulus*** (1008)
Dg: 44 SEC, 44AA Cau lap, 44AB She, 44BA Aph
C: 39 CHE, 39BB Spe-Oxa, 44 SEC, 44AA Cau lap, 44AB She, 44AC Ver-Tar, 44BA Aph
- Festuca altissima*** (381)
Dg: 32 QUE-FAG, 32AD Fag, 32ADA Eu-Fag-enion
- Festuca brevipila*** (52)
Dg: 25 SED-SCL, 25AD Pla-Fes
- Festuca filiformis*** (85)
Dg: 22AB Vio can
- Festuca gigantea*** (602)
Dg: 32 QUE-FAG, 32AA Aln inc, 32AAA Aln-enion glu-inc
- C: 32AAA Aln-enion glu-inc, 37AB Atr bel
- Festuca heterophylla*** (277)
Dg: 32 QUE-FAG, 32AB Carp
- Festuca ovina*** (1305)
Dg: 25AC Hyp-Scl, 32BC Que pet, 33 QUE ROB, 33AA Gen-Que
C: 01AC Asp ser, 01BA And van, 22AB Vio can, 22BB Eup-Cal, 24 FES VAG, 25 SED-SCL, 25AC Hyp-Scl, 26BB Koe-Phl, 32BC Que pet, 33 QUE ROB, 33AA Gen-Que, 34 ERI-PIN, 34AA Eri-Pin
Dm: 24 FES VAG, 24AA Koe gla, 25 SED-SCL, 25AC Hyp-Scl, 25AD Pla-Fes, 32BC Que pet, 34 ERI-PIN, 34AA Eri-Pin
- Festuca pallens*** (475)
Dg: 26 FES-BRO, 26AA Aly-Fes, 26AAA Aly-Fes-enion, 26AAB Pot-Fes-enion, 26AB Hel-Fes, 26AC Ses-Fes
C: 26AA Aly-Fes, 26AAA Aly-Fes-enion, 26AAB Pot-Fes-enion, 26AB Hel-Fes, 26AC Ses-Fes, 26ACA Poo-Teu-enion, 26ACB Ses-Fes-enion
Dm: 01BA And van, 26AAB Pot-Fes-enion, 26AB Hel-Fes, 26ACA Poo-Teu-enion
- Festuca pratensis*** (2027)
Dg: 21 MOL-ARR, 21AA Arr, 21BB Cal, 21BBA Cal-enion, 21BE Mol
C: 21 MOL-ARR, 21AA Arr, 21AC Cyn, 21ACA Lol-Cyn-enion, 21ACB Pol-Cyn-enion, 21BA Alo pra, 21BC Cni ven, 21BE Mol
- Festuca psammophila*** (23)
Dg: 24 FES VAG, 24AA Koe gla
C: 24 FES VAG, 24AA Koe gla
Dm: 23 KOE-COR
- Festuca pseudovina*** (34)
Dg: 26AD Asp-Arm
C: 26AD Asp-Arm
- Festuca rubra* agg.** (3382)
Dg: 21 MOL-ARR, 21AA Arr, 21BB Cal, 21BBA Cal-enion, 21BE Mol, 22 NAR-CAL
C: 05 SAL HER, 05AA Sal her, 19AA Car fus, 19AF Sph-Tom, 21 MOL-ARR, 21AA Arr, 21AB Pol-Tri, 21AC Cyn, 21ACA Lol-Cyn-enion, 21ACB Pol-Cyn-enion, 21BA Alo pra, 21BB Cal, 21BBA Cal-enion, 21BE Mol, 22 NAR-CAL, 22AA Nar, 22AB Vio can, 22AD Nar-Agr
Dm: 04AB Nar-Car, 21AA Arr, 21AC Cyn, 21ACA Lol-Cyn-enion, 21BE Mol, 22AD Nar-Agr
- Festuca rupicola*** (1601)
Dg: 26 FES-BRO, 26AE Fes val, 26AEA Fes-enion val, 26BA Bro ere

- C: 26 *FES-BRO*, 26AD *Asp-Arm*, 26AE *Fes val*,
26AEA *Fes-enion val*, 26AEB *Cor-Fes-enion*,
26AEC *Ast-Ach-enion*, 26BA *Bro ere*, 26BB *Koe-Phl*, 27 *TRI-GER*, 27AA *Ger san*
Dm: 25AD *Pla-Fes*, 26 *FES-BRO*, 26AE *Fes val*,
26AEA *Fes-enion val*, 26AEB *Cor-Fes-enion*,
26AEC *Ast-Ach-enion*, 26BA *Bro ere*, 26BB *Koe-Phl*
- Festuca supina*** (65)
Dg: 04 *JUN TRI*, 04AA *Jun tri*
C: 04 *JUN TRI*, 04AA *Jun tri*
Dm: 04 *JUN TRI*, 04AA *Jun tri*
- Festuca vaginata ssp. dominii*** (21)
Dg: 25 *SED-SCL*, 25AD *Pla-Fes*
Dm: 25AD *Pla-Fes*
- Festuca valesiaca*** (624)
Dg: 26 *FES-BRO*, 26AE *Fes val*, 26AEA *Fes-enion val*, 26AEC *Ast-Ach-enion*
C: 26AE *Fes val*, 26AEA *Fes-enion val*, 26AEC *Ast-Ach-enion*
Dm: 25AD *Pla-Fes*, 26AE *Fes val*, 26AEA *Fes-enion val*, 26AEC *Ast-Ach-enion*
- Festuca versicolor*** (3)
Dg: 01CA *Agr alp*
C: 01CA *Agr alp*
- Ficaria verna ssp. bulbifera*** (477)
Dg: 32AA *Aln inc*, 32AAA *Aln-enion glu-inc*
- Filago minima*** (35)
Dg: 23 *KOE-COR*, 23AA *Cor can*, 24 *FES VAG*,
24AA *Koe gla*
C: 39CB *Sal rut*
- Filipendula ulmaria*** (2128)
Dg: 21 *MOL-ARR*, 21BB *Cal*, 21BBA *Cal-enion*,
21BBB *Fil-enion*
C: 21 *MOL-ARR*, 21BB *Cal*, 21BBA *Cal-enion*,
21BBB *Fil-enion*, 30 *SAL PUR*, 30AA *Sal tri*, 31
ALN GLU, 31AA *Aln glu*
Dm: 21 *MOL-ARR*, 21BB *Cal*, 21BBA *Cal-enion*,
21BBB *Fil-enion*
- Filipendula vulgaris*** (434)
Dg: 26 *FES-BRO*, 26BA *Bro ere*
- Fissidens adianthoides*** (128)
Dg: 19 *SCH-CAR*, 19AB *Car dav*, 19AD *Car dem*
C: 19AD *Car dem*
- Fissidens dubius*** (107)
Dg: 26BA *Bro ere*
- Fontinalis antipyretica*** (4)
Dg: 09 *POT*, 09BA *Bat flu*
C: 08AA *Nit fle*
- Fragaria moschata*** (482)
Dg: 32 *QUE-FAG*, 32AB *Carp*
- Fragaria vesca*** (1358)
Dg: 32 *QUE-FAG*, 32AB *Carp*
C: 21ACB *Pol-Cyn-enion*, 32AB *Carp*, 32ADC *Cep-Fag-enion*, 32BB *Ace-Que*, 37AB *Atr bel*
- Fragaria viridis*** (833)
Dg: 26 *FES-BRO*, 26AE *Fes val*, 26BA *Bro ere*
C: 26AEB *Cor-Fes-enion*, 27 *TRI-GER*, 27AA *Ger san*
Dm: 26AEC *Ast-Ach-enion*
- Frangula alnus*** (507)
Dg: 31 *ALN GLU*, 31AA *Aln glu*
C: 31 *ALN GLU*, 31AA *Aln glu*, 33 *QUE ROB*, 34
ERI-PIN, 34AA *Eri-Pin*
Dm: 31BA *Sal cin*
- Fraxinus angustifolia ssp. danubialis*** (36)
Dg: 30 *SAL PUR*, 30AC *Sal alb*, 32AAB *Ulm-enion*
- Fraxinus excelsior*** (970)
Dg: 32 *QUE-FAG*, 32AA *Aln inc*, 32AAA *Aln-enion glu-inc*, 32AC *Til-Ace*
C: 32AA *Aln inc*, 32AAA *Aln-enion glu-inc*, 32AAB
Ulm-enion, 32AC *Til-Ace*
Dm: 32AA *Aln inc*, 32AAA *Aln-enion glu-inc*
- Frullania dilatata*** (2)
Dg: 01AC *Asp ser*
- Frullania tamarisci*** (5)
Dg: 01AC *Asp ser*
- Fumaria officinalis*** (166)
Dg: 44 *SEC*, 44AA *Cau lap*
- Fumaria rostellata*** (21)
Dg: 44AB *She*
- Fumaria vaillantii*** (66)
Dg: 44 *SEC*, 44AA *Cau lap*
- Gagea bohemica ssp. bohemica*** (28)
Dg: 25AB *Ara tha*, 26AAB *Pot-Fes-enion*
- Galeobdolon luteum agg.*** (1678)
Dg: 32 *QUE-FAG*, 32AA *Aln inc*, 32AAA *Aln-enion glu-inc*, 32AB *Carp*, 32AC *Til-Ace*, 32AD *Fag*,
32ADA *Eu-Fag-enion*

- C: 32 *QUE-FAG*, 32AA *Aln inc*, 32AAA *Aln-enion glu-inc*, 32AC *Til-Ace*, 32AD *Fag*, 32ADA *Eu-Fag-enion*, 32ADB *Ace-enion*
- Galeopsis angustifolia*** (58)
Dg: 03 *THL ROT*, 03BA *Sti cal*
C: 03 *THL ROT*, 03BA *Sti cal*
- Galeopsis pubescens*** (312)
C: 36 *ROB*
- Galeopsis tetrahit*** (880)
Dg: 44 *SEC*, 44BA *Aph*
C: 44 *SEC*, 44AB *She*, 44BA *Aph*
- Galinsoga quadriradiata*** (110)
Dg: 39 *CHE*, 39BB *Spe-Oxa*
C: 39BB *Spe-Oxa*
Dm: 39BB *Spe-Oxa*
- Galinsoga parviflora*** (180)
Dg: 39 *CHE*, 39BC *Pan-Set*
C: 39BC *Pan-Set*
Dm: 39BC *Pan-Set*
- Galium aparine*** (1877)
Dg: 39BA *Fum-Eup*, 41 *GAL-URT*, 44 *SEC*, 44AA *Cau lap*, 44BA *Aph*
C: 30 *SAL PUR*, 30AA *Sal tri*, 30AC *Sal alb*, 32AAB *Ulm-enion*, 36 *ROB*, 36AA *Che-Rob*, 37AB *Atr bel*, 39 *CHE*, 39BA *Fum-Eup*, 39BB *Spe-Oxa*, 41 *GAL-URT*, 41AA *Sen flu*, 41CA *Gal-All*, 41CC *Aeg pod*, 44 *SEC*, 44AA *Cau lap*, 44AB *She*, 44BA *Aph*
Dm: 41AA *Sen flu*
- Galium boreale ssp. boreale*** (448)
Dg: 21 *MOL-ARR*, 21BE *Mol*
C: 01CA *Agr alp*
- Galium glaucum*** (418)
Dg: 26 *FES-BRO*, 26AA *Aly-Fes*, 26AAA *Aly-Fes-enion*
C: 26ACC *Cyn-Ses-enion*
- Galium mollugo agg.*** (2042)
Dg: 21 *MOL-ARR*, 21AA *Arr*
C: 21 *MOL-ARR*, 21AA *Arr*, 26AEB *Cor-Fes-enion*, 27 *TRI-GER*, 27AB *Tri med*
- Galium odoratum*** (1587)
Dg: 32 *QUE-FAG*, 32AB *Carp*, 32AC *Til-Ace*, 32AD *Fag*, 32ADA *Eu-Fag-enion*
C: 32 *QUE-FAG*, 32AB *Carp*, 32AC *Til-Ace*, 32AD *Fag*, 32ADA *Eu-Fag-enion*, 32ADB *Ace-enion*, 32ADC *Cep-Fag-enion*, 37AB *Atr bel*
- Galium palustre agg.*** (1901)
Dg: 13 *PHR-MAG*, 13ED *Car gra*, 21BB *Cal*, 21BBA *Cal-enion*
C: 13 *PHR-MAG*, 13EA *Car-Rum*, 13EB *Mag ela*, 13EC *Car ros*, 13ED *Car gra*, 19 *SCH-CAR*, 19AA *Car fus*, 19BA *Eri gra*, 31 *ALN GLU*, 31AA *Aln glu*, 31BA *Sal cin*
- Galium pumilum agg.*** (543)
Dg: 22AB *Vio can*
C: 34 *ERI-PIN*
- Galium saxatile*** (237)
Dg: 22 *NAR-CAL*, 22AD *Nar-Agr*
C: 01CA *Agr alp*, 37AC *Rum-Ave*
- Galium schultesii*** (203)
Dg: 32 *QUE-FAG*, 32AB *Carp*
- Galium spurium*** (137)
Dg: 44 *SEC*, 44AA *Cau lap*
- Galium sylvaticum*** (612)
Dg: 32 *QUE-FAG*, 32AB *Carp*
C: 32AB *Carp*
- Galium tricornutum*** (16)
Dg: 44AA *Cau lap*
- Galium uliginosum*** (1821)
Dg: 19 *SCH-CAR*, 21 *MOL-ARR*, 21BB *Cal*, 21BBA *Cal-enion*
C: 19 *SCH-CAR*, 19AA *Car fus*, 19AF *Sph-Tom*, 21 *MOL-ARR*, 21BB *Cal*, 21BBA *Cal-enion*, 21BBB *Fil-enion*, 21BE *Mol*
- Galium verum agg.*** (1726)
Dg: 26 *FES-BRO*, 26BA *Bro ere*
C: 21ACB *Pol-Cyn-enion*, 26 *FES-BRO*, 26AEC *Ast-Ach-enion*, 26BA *Bro ere*, 26BB *Koe-Phl*, 27 *TRI-GER*, 34 *ERI-PIN*
- Genista pilosa*** (162)
Dg: 22BB *Eup-Cal*, 26AD *Asp-Arm*, 32BC *Que pet*
C: 22BB *Eup-Cal*, 26AD *Asp-Arm*, 34 *ERI-PIN*
- Genista tinctoria*** (472)
Dg: 32BC *Que pet*
- Gentiana asclepiadea*** (168)
Dg: 06 *MUL-ACO*, 06BA *Cal vil*
C: 28 *BET-ALN*, 28AA *Sal sil*
- Geranium dissectum*** (184)
Dg: 39BA *Fum-Eup*, 44 *SEC*, 44BA *Aph*

- Geranium palustre*** (346)
Dg: 21 MOL-ARR, 21BB Cal, 21BBB Fil-enion
Dm: 21BBB Fil-enion
- Geranium pratense*** (740)
Dg: 21 MOL-ARR, 21AA Arr
- Geranium pusillum*** (334)
Dg: 44 SEC, 44AA Cau lap
C: 44AC Ver-Tar
- Geranium robertianum*** (1348)
Dg: 32 QUE-FAG, 32AA Aln inc, 32AC Til-Ace, 32AD Fag, 32ADA Eu-Fag-enion
C: 01AB Cys, 03 THL ROT, 18BA Lyc-Cra, 32 QUE-FAG, 32AC Til-Ace, 36 ROB, 37AB Atr bel, 41CA Gal-All
- Geranium sanguineum*** (322)
Dg: 27 TRI-GER, 27AA Ger san
C: 27 TRI-GER, 27AA Ger san
Dm: 27 TRI-GER, 27AA Ger san
- Geranium sylvaticum*** (359)
Dg: 21AB Pol-Tri, 22AD Nar-Agr
C: 21AB Pol-Tri, 22AD Nar-Agr
Dm: 21AB Pol-Tri
- Geum rivale*** (381)
Dg: 21BB Cal, 21BBA Cal-enion
- Geum urbanum*** (1072)
Dg: 32 QUE-FAG, 32AA Aln inc, 32AAA Aln-enion glu-inc, 32AB Carp
C: 30 SAL PUR, 30AC Sal alb, 32AA Aln inc, 32AAA Aln-enion glu-inc, 32AAB Ulm-enion, 32BB Ace-Que, 36 ROB
Dm: 36AA Che-Rob
- Glaux maritima*** (11)
Dg: 17 FES-PUC, 17AA Sco-Jun
C: 17AA Sco-Jun
- Glechoma hederacea* agg.** (1137)
Dg: 32AA Aln inc
C: 30 SAL PUR, 30AC Sal alb, 32AAB Ulm-enion
- Glyceria declinata*** (18)
Dm: 13DB Spa-Gly
- Glyceria fluitans*** (573)
Dg: 13 PHR-MAG, 13DB Spa-Gly
C: 08AA Nit fle, 10 ISO-LIT, 13DB Spa-Gly
Dm: 13 PHR-MAG, 13CA Oen aqu, 13DB Spa-Gly
- Glyceria maxima*** (502)
Dg: 13 PHR-MAG, 13AA Phr com
- Dm: 13 PHR-MAG, 13AA Phr com
- Glyceria nemoralis*** (27)
Dm: 13DB Spa-Gly
- Glyceria notata*** (106)
Dg: 13DB Spa-Gly
Dm: 13DB Spa-Gly
- Gnaphalium uliginosum*** (216)
Dg: 12 ISO-NAN, 12AA Ele ova, 44BA Aph
C: 12 ISO-NAN, 12AA Ele ova, 12AC Nan fla
- Gratiola officinalis*** (39)
Dg: 21BC Cni ven
- Grimmia hartmannii*** (3)
Dg: 32ADB Ace-enion
- Gymnocarpium dryopteris*** (422)
Dg: 32 QUE-FAG, 32AD Fag, 32ADA Eu-Fag-enion, 32ADB Ace-enion
C: 32ADB Ace-enion
- Gymnocarpium robertianum*** (24)
Dg: 01 ASP TRI, 01AB Cys, 03BA Sti cal
C: 01AB Cys
Dm: 03 THL ROT, 03BA Sti cal
- Gymnocolea inflata*** (23)
Dg: 19BD Leu-Sch, 20AA Oxy-Emp
- Gymnostomum aeruginosum*** (6)
Dm: 01AB Cys
- Gypsophila fastigiata*** (18)
Dg: 24 FES VAG, 24AA Koe gla
C: 24 FES VAG
- Gypsophila muralis*** (36)
Dg: 12 ISO-NAN
- Hacquetia epipactis*** (109)
Dg: 32AB Carp
- Hedera helix*** (201)
Dg: 32 QUE-FAG, 32AB Carp
- Hedysarum hedysaroides*** (4)
Dg: 01CA Agr alp
- Heleochloa schoenoides*** (2)
Dg: 14 CRY ACU, 14AA Cyp-Spe
Dm: 14 CRY ACU, 14AA Cyp-Spe

- Helianthemum canum*** (69)
Dg: 26AB *Hel-Fes*, 26AC *Ses-Fes*, 26ACC *Cyn-Ses-enion*
- Helianthemum grandiflorum ssp. obscurum*** (506)
Dg: 26 *FES-BRO*, 26BA *Bro ere*
- Helianthus tuberosus*** (28)
Dm: 41AA *Sen flu*
- Helichrysum arenarium*** (70)
Dg: 25 *SED-SCL*, 25AD *Pla-Fes*
- Hepatica nobilis*** (602)
Dg: 32 *QUE-FAG*, 32AB *Carp*, 32AC *Til-Ace*
C: 32ADC *Cep-Fag-enion*
- Heracleum sphondylium*** (1624)
Dg: 21 *MOL-ARR*, 21AA *Arr*
C: 21AA *Arr*, 21AB *Pol-Tri*, 30 *SAL PUR*, 41 *GAL-URT*, 41CC *Aeg pod*
- Herniaria glabra*** (37)
Dg: 25AD *Pla-Fes*
- Hieracium alpinum*** (50)
Dg: 04 *JUN TRI*, 04AA *Jun tri*, 04AB *Nar-Car*, 22AA *Nar*
C: 04 *JUN TRI*, 04AB *Nar-Car*
- Hieracium cymosum*** (65)
Dg: 26AAA *Aly-Fes-enion*
- Hieracium echioides*** (86)
Dg: 26AA *Aly-Fes*, 26AAB *Pot-Fes-enion*
- Hieracium iseranum*** (19)
Dg: 22AD *Nar-Agr*
- Hieracium lachenalii*** (688)
Dg: 32AB *Carp*, 32BC *Que pet*, 33 *QUE ROB*, 33AA *Gen-Que*
C: 05 *SAL HER*, 05AA *Sal her*, 33 *QUE ROB*, 33AA *Gen-Que*
- Hieracium maculatum*** (30)
Dg: 32BC *Que pet*
- Hieracium murorum*** (1547)
Dg: 32 *QUE-FAG*, 32AB *Carp*, 32AD *Fag*, 32AE *Luz-Fag*, 32BC *Que pet*, 33 *QUE ROB*, 33AA *Gen-Que*
C: 32 *QUE-FAG*, 32AB *Carp*, 32ADC *Cep-Fag-enion*, 32ADD *Gal-Abi-enion*, 32AE *Luz-Fag*, 32BC *Que pet*, 33 *QUE ROB*, 33AA *Gen-Que*, 34 *ERI-PIN*, 34AA *Eri-Pin*
- Hieracium pilosella*** (1294)
Dg: 25 *SED-SCL*, 25AC *Hyp-Scl*, 26 *FES-BRO*, 26BB *Koe-Phl*
C: 22BB *Eup-Cal*, 24 *FES VAG*, 25 *SED-SCL*, 25AB *Ara tha*, 25AC *Hyp-Scl*, 25AD *Pla-Fes*, 26AAB *Pot-Fes-enion*, 26AEB *Cor-Fes-enion*, 26BB *Koe-Phl*
Dm: 24 *FES VAG*, 24AA *Koe gla*
- Hieracium prenanthoides*** (15)
Dg: 22AA *Nar*
- Hieracium sabaudum agg.*** (798)
Dg: 32 *QUE-FAG*, 32AB *Carp*, 32BC *Que pet*, 33 *QUE ROB*, 33AA *Gen-Que*
C: 32BC *Que pet*, 33 *QUE ROB*
- Hieracium schmidtii*** (93)
Dg: 26AA *Aly-Fes*, 26AAA *Aly-Fes-enion*
- Holcus lanatus*** (2567)
Dg: 21 *MOL-ARR*, 21AA *Arr*, 21BA *Alo pra*, 21BB *Cal*, 21BBA *Cal-enion*, 21BE *Mol*
C: 19 *SCH-CAR*, 19AA *Car fus*, 19AB *Car dav*, 19AF *Sph-Tom*, 21 *MOL-ARR*, 21AA *Arr*, 21ACA *Lol-Cyn-enion*, 21BA *Alo pra*, 21BB *Cal*, 21BBA *Cal-enion*, 21BE *Mol*, 22AB *Vio can*
Dm: 21BA *Alo pra*
- Holosteum umbellatum*** (95)
Dg: 25BA *Aly-Sed*
- Homalothecium lutescens*** (237)
Dg: 26BA *Bro ere*
- Homalothecium nitens*** (138)
Dg: 19 *SCH-CAR*, 19AD *Car dem*, 19AF *Sph-Tom*
C: 19AD *Car dem*, 19AF *Sph-Tom*
- Homogyne alpina*** (355)
Dg: 04 *JUN TRI*, 04AB *Nar-Car*, 06BA *Cal vil*, 35 *VAC-PIC*, 35AB *Pic exc*, 35AC *Pin mug*
C: 04 *JUN TRI*, 04AB *Nar-Car*, 06BA *Cal vil*, 22AA *Nar*, 35AC *Pin mug*, 35BA *Ath-Pic*
- Hordelymus europaeus*** (228)
Dg: 32 *QUE-FAG*, 32AD *Fag*, 32ADA *Eu-Fag-enion*
- Hordeum murinum*** (40)
Dg: 39AC *Bro-Hor*
C: 39AC *Bro-Hor*
Dm: 39AC *Bro-Hor*
- Hottonia palustris*** (28)
Dg: 09BB *Bat aqu*
Dm: 09BB *Bat aqu*

- Humulus lupulus*** (168)
Dg: 41AA *Sen flu*
- Huperzia selago*** (42)
Dg: 04 JUN TRI, 04AA *Jun tri*
- Hydrocharis morsus-ranae*** (59)
Dg: 07 LEM, 07CA *Hyd*
Dm: 07 LEM, 07CA *Hyd*
- Hylocomium splendens*** (270)
C: 34 ERI-PIN
Dm: 26AD *Asp-Arm*
- Hylotelephium maximum*** (544)
Dg: 32BC *Que pet*
- Hypericum hirsutum*** (129)
Dg: 32AB *Carp*
- Hypericum humifusum*** (9)
Dg: 12AB *Rad lin*
- Hypericum maculatum*** (1072)
Dg: 21 MOL-ARR, 21AB *Pol-Tri*, 22 NAR-CAL,
22AD *Nar-Agr*
C: 21AB *Pol-Tri*, 22 NAR-CAL, 22AD *Nar-Agr*
- Hypericum perforatum*** (1894)
Dg: 26 FES-BRO
C: 22BB *Eup-Cal*, 25 SED-SCL, 25AC *Hyp-Scl*,
25AD *Pla-Fes*, 26 FES-BRO, 26AEB *Cor-Fes-enion*,
26BB *Koe-Phl*, 27 TRI-GER, 27AA *Ger san*,
27AB *Tri med*, 32BC *Que pet*, 37AB *Atr bel*
- Hypnum cupressiforme agg.*** (1151)
Dg: 32BC *Que pet*
C: 01 ASP TRI, 01AC *Asp ser*, 26ACB *Ses-Fes-enion*,
32BC *Que pet*, 33 QUE ROB, 34 ERI-PIN,
34AA *Eri-Pin*
Dm: 26ACB *Ses-Fes-enion*
- Hypnum vaucheri*** (5)
Dg: 26ACB *Ses-Fes-enion*
- Hypogymnia physodes*** (55)
Dg: 32BC *Que pet*
- Hypochaeris uniflora*** (31)
Dg: 22AA *Nar*
C: 05 SAL HER, 05AA *Sal her*
- Illecebrum verticillatum*** (6)
Dg: 10 ISO-LIT, 10AB *Lit uni*
Dm: 10 ISO-LIT, 10AB *Lit uni*
- Impatiens glandulifera*** (101)
Dg: 41 GAL-URT, 41AA *Sen flu*
Dm: 41 GAL-URT, 41AA *Sen flu*, 41CA *Gal-All*
- Impatiens noli-tangere*** (1372)
Dg: 32 QUE-FAG, 32AA *Aln inc*, 32AAA *Aln-enion glu-inc*,
32AC *Til-Ace*, 32AD *Fag*, 32ADA *Eu-Fag-enion*
C: 18 MON-CAR, 18AA *Car-Mon*, 18AB *Car ama*,
30 SAL PUR, 31 ALN GLU, 32 QUE-FAG, 32AA
Aln inc, 32AAA *Aln-enion glu-inc*, 32AC *Til-Ace*,
32ADB *Ace-enion*
- Impatiens parviflora*** (691)
Dg: 32 QUE-FAG
C: 36 ROB, 36AA *Che-Rob*
Dm: 36 ROB, 36AA *Che-Rob*
- Inula britannica*** (74)
Dg: 21BC *Cni ven*
- Inula ensifolia*** (176)
Dg: 26 FES-BRO
Dm: 26ACB *Ses-Fes-enion*
- Inula salicina*** (203)
Dg: 26BA *Bro ere*
- Iris humilis ssp. arenaria*** (6)
Dg: 26ACA *Poo-Teu-enion*
- Iris pseudacorus*** (286)
Dg: 13 PHR-MAG, 13ED *Car gra*
C: 30 SAL PUR
- Iris variegata*** (29)
Dg: 32BB *Ace-Que*
- Isolepis setacea*** (17)
Dg: 12 ISO-NAN, 12AB *Rad lin*
C: 12AB *Rad lin*
- Jasione montana*** (293)
Dg: 22BB *Eup-Cal*, 25 SED-SCL, 25AC *Hyp-Scl*,
25AD *Pla-Fes*
C: 22BB *Eup-Cal*, 25 SED-SCL, 25AC *Hyp-Scl*, 25AD
Pla-Fes
- Jovibarba globifera ssp. globifera*** (111)
Dg: 26 FES-BRO, 26AA *Aly-Fes*, 26AAA *Aly-Fes-enion*,
26AAB *Pot-Fes-enion*
- Jovibarba globifera ssp. hirta*** (17)
Dg: 26AC *Ses-Fes*, 26ACA *Poo-Teu-enion*, 26ACB
Ses-Fes-enion
C: 26ACA *Poo-Teu-enion*

- Juglans nigra*** (3)
Dg: 32AAB *Ulm-enion*
- Juncus alpinoarticulatus*** (26)
Dg: 19AD *Car dem*, 19AF *Sph-Tom*, 19BB *Rhy alb*
- Juncus articulatus*** (703)
Dg: 19 SCH-CAR
C: 12 ISO-NAN, 19AD *Car dem*, 19AF *Sph-Tom*
- Juncus bufonius* agg.** (231)
Dg: 12 ISO-NAN, 12AA *Ele ova*
C: 12 ISO-NAN, 12AA *Ele ova*, 12AB *Rad lin*,
12AC *Nan fla*
Dm: 12 ISO-NAN, 12AA *Ele ova*
- Juncus bulbosus*** (95)
Dg: 10 ISO-LIT, 10AB *Lit uni*, 19AD *Car dem*
C: 10 ISO-LIT, 19AD *Car dem*
Dm: 10 ISO-LIT, 10AB *Lit uni*
- Juncus compressus*** (69)
Dg: 43 PLA MAJ, 43AA *Agr-Rum*, 43AAB *Lot-Tri-enion*
- Juncus conglomeratus*** (813)
Dg: 21 MOL-ARR, 21BB *Cal*, 21BBA *Cal-enion*
- Juncus effusus*** (1880)
Dg: 21 MOL-ARR, 21BB *Cal*, 21BBA *Cal-enion*
C: 21BB *Cal*, 21BBA *Cal-enion*, 37 EPI ANG,
37AC *Rum-Ave*, 43AAC *Jun-enion eff*
Dm: 37AC *Rum-Ave*, 43 PLA MAJ, 43AA *Agr-Rum*,
43AAC *Jun-enion eff*
- Juncus filiformis*** (593)
Dg: 21 MOL-ARR, 21BB *Cal*, 21BBA *Cal-enion*
Dm: 19BC *Sph-Car*
- Juncus gerardii*** (45)
Dg: 13BA *Sci mar*, 17 FES-PUC, 17AA *Sco-Jun*,
43AAB *Lot-Tri-enion*
C: 17 FES-PUC, 17AA *Sco-Jun*
- Juncus inflexus*** (290)
Dg: 43AA *Agr-Rum*, 43AAB *Lot-Tri-enion*
C: 43AAB *Lot-Tri-enion*
Dm: 43AA *Agr-Rum*, 43AAB *Lot-Tri-enion*
- Juncus squarrosus*** (52)
Dg: 22AC *Nar-Jun*
C: 22AC *Nar-Jun*
Dm: 22AC *Nar-Jun*
- Juncus subnodulosus*** (21)
Dg: 13EB *Mag ela*, 19AB *Car dav*
- Juncus tenuis*** (56)
Dg: 43 PLA MAJ
- Juncus trifidus*** (9)
Dg: 04 JUN TRI, 04AA *Jun tri*
- Jurinea cyanoides*** (13)
Dg: 24 FES VAG, 24AA *Koe gla*
C: 24 FES VAG
- Jurinea mollis*** (40)
Dg: 26AE *Fes val*
- Kickxia spuria*** (54)
Dg: 44 SEC, 44AA *Cau lap*
- Knautia arvensis* agg.** (1565)
Dg: 21AA *Arr*, 26 FES-BRO, 26BA *Bro ere*
C: 01CA *Agr alp*, 21AA *Arr*, 21ACB *Pol-Cyn-enion*,
26 FES-BRO, 26AEB *Cor-Fes-enion*, 26BA *Bro ere*,
27 TRI-GER, 27AB *Tri med*
- Koeleria glauca*** (34)
Dg: 23 KOE-COR, 23AA *Cor can*, 24 FES VAG,
24AA *Koe gla*
C: 23 KOE-COR, 24 FES VAG, 24AA *Koe gla*
- Koeleria macrantha*** (1066)
Dg: 26 FES-BRO, 26AE *Fes val*, 26AEA *Fes-enion val*,
26BB *Koe-Phl*
C: 26 FES-BRO, 26AAB *Pot-Fes-enion*, 26AB *Hel-Fes*,
26AD *Asp-Arm*, 26AE *Fes val*, 26AEA *Fes-enion val*,
26AEC *Ast-Ach-enion*, 26BB *Koe-Phl*
- Koeleria pyramidata*** (419)
Dg: 26 FES-BRO, 26BA *Bro ere*
C: 26AEB *Cor-Fes-enion*
- Lactuca serriola*** (286)
Dg: 39 CHE, 39AD *Sis off*, 44AA *Cau lap*
C: 39AD *Sis off*
Dm: 39AD *Sis off*
- Lamium album*** (195)
Dg: 41 GAL-URT, 41CB *Arc lap*
C: 41CB *Arc lap*
- Lamium amplexicaule*** (366)
Dg: 39BA *Fun-Eup*, 44 SEC, 44AA *Cau lap*
C: 44 SEC
- Lamium maculatum*** (480)
Dg: 32 QUE-FAG, 32AA *Aln inc*, 32AAA *Aln-enion glu-inc*,
32AC *Til-Ace*
C: 30 SAL PUR, 30AC *Sal alb*

Lamium purpureum (536)

Dg: 39 CHE, 39BA Fum-Eup, 44 SEC, 44AA Cau lap, 44BA Aph
C: 39 CHE, 39BA Fum-Eup, 39BB Spe-Oxa, 44 SEC

Lapsana communis (735)

Dg: 39 CHE, 39BA Fum-Eup, 44 SEC, 44AB She, 44BA Aph
C: 39BB Spe-Oxa, 44 SEC, 44AB She, 44BA Aph

Lathyrus niger (409)

Dg: 32 QUE-FAG, 32AB Carp, 32BC Que pet

Lathyrus palustris (21)

Dg: 21BC Cni ven

Lathyrus pannonicus ssp. collinus (30)

Dg: 32BA Que pub

Lathyrus pratensis (2532)

Dg: 21 MOL-ARR, 21AA Arr, 21BB Cal, 21BBA Cal-enion, 21BE Mol
C: 21 MOL-ARR, 21AA Arr, 21BA Alo pra, 21BB Cal, 21BBA Cal-enion, 21BBB Fil-enion, 21BC Cni ven, 21BD Ver-Lys, 21BE Mol

Lathyrus tuberosus (271)

Dg: 44 SEC, 44AA Cau lap

Lathyrus vernus (934)

Dg: 32 QUE-FAG, 32AB Carp
C: 32AB Carp, 32ADC Cep-Fag-enion

Lavatera thuringiaca (4)

Dg: 40AA Ono aca

Lemna gibba (125)

Dg: 07 LEM, 07AA Lem min
Dm: 07 LEM, 07AA Lem min, 13BA Sci mar

Lemna minor (1308)

Dg: 07 LEM, 07AA Lem min, 07CA Hyd, 09 POT, 09AA Nym alb, 13 PHR-MAG, 13AA Phr com
C: 07 LEM, 07AA Lem min, 07BA Utr vul, 07CA Hyd, 09 POT, 09AA Nym alb, 09AB Mag, 09ABB Pot-enion luc, 09AC Par, 09BB Bat aqu, 11 UTR
Dm: 07 LEM, 07AA Lem min, 07BA Utr vul, 07CA Hyd

Lemna trisulca (184)

Dg: 07 LEM, 07CA Hyd
Dm: 07 LEM, 07AA Lem min

Leontodon autumnalis (492)

Dg: 21AC Cyn
C: 21ACB Pol-Cyn-enion

Leontodon hispidus (1558)

Dg: 21 MOL-ARR, 21AA Arr, 26BA Bro ere
C: 01CA Agr alp, 21AA Arr, 21AB Pol-Tri, 21AC Cyn, 21ACB Pol-Cyn-enion

Leonurus cardiaca (19)

Dg: 41CB Arc lap

Lepidium ruderales (105)

Dg: 43 PLA MAJ, 43BA Pol avi
Dm: 39AD Sis off

Lepidozia reptans (63)

Dg: 35 VAC-PIC, 35AB Pic exc

Leptobryum pyriforme (27)

Dg: 44BA Aph

Leptodictyum riparium (95)

Dg: 21BC Cni ven

Leucanthemum vulgare agg. (1870)

Dg: 21 MOL-ARR, 21AA Arr
C: 21 MOL-ARR, 21AA Arr, 21AB Pol-Tri, 21AC Cyn, 21ACA Lol-Cyn-enion, 21ACB Pol-Cyn-enion, 21BE Mol

Leucobryum glaucum (149)

Dg: 33 QUE ROB, 33AA Gen-Que, 35AA Dic-Pin
Dm: 35AD Bet pub

Ligusticum mutellina (48)

Dg: 06 MUL-ACO, 06BA Cal vil, 06BC Poo-Des

Ligustrum vulgare (278)

Dg: 32BA Que pub
C: 29AA Ber, 32BA Que pub, 32BB Ace-Que

Lilium martagon (330)

Dg: 32 QUE-FAG, 32AB Carp
C: 06BB Cal aru

Limosella aquatica (39)

Dg: 12 ISO-NAN, 12AA Ele ova

Linum catharticum (794)

Dg: 26 FES-BRO, 26BA Bro ere
C: 19AD Car dem, 21ACB Pol-Cyn-enion, 26BA Bro ere

Linum tenuifolium (105)

Dg: 26 FES-BRO, 26BA Bro ere

Lithospermum arvense (109)

Dg: 44 SEC, 44AA Cau lap

- Lithospermum purpureocaeruleum*** (96)
Dg: 32BA *Que pub*, 32BB *Ace-Que*
C: 32BA *Que pub*, 32BB *Ace-Que*
- Littorella uniflora*** (11)
Dg: 10 *ISO-LIT*, 10AB *Lit uni*
Dm: 10 *ISO-LIT*
- Lolium perenne*** (781)
Dg: 21ACA *Lol-Cyn-enion*, 39 *CHE*, 43 *PLA MAJ*,
43BA *Pol avi*
C: 21AC *Cyn*, 21ACA *Lol-Cyn-enion*, 39AA *Che*
gla, 39AB *Mal neg*, 39AC *Bro-Hor*, 39CA *Era*, 42
AGR REP, 43 *PLA MAJ*, 43AAA *Ran-Rum-enion*,
43BA *Pol avi*
Dm: 21ACA *Lol-Cyn-enion*, 43AAA *Ran-Rum-*
enion, 43BA *Pol avi*
- Lonicera xylosteum*** (272)
Dg: 32 *QUE-FAG*, 32AB *Carp*
- Lotus corniculatus*** (1910)
Dg: 21AA *Arr*, 26 *FES-BRO*, 26BA *Bro ere*
C: 21AA *Arr*, 21AC *Cyn*, 21ACB *Pol-Cyn-enion*, 26
FES-BRO, 26AEB *Cor-Fes-enion*, 26BA *Bro ere*
- Lotus tenuis*** (71)
Dg: 17 *FES-PUC*, 43AA *Agr-Rum*, 43AAB *Lot-Tri-*
enion
C: 17 *FES-PUC*, 17AA *Sco-Jun*, 17BA *Puc lim*
- Lotus uliginosus*** (681)
Dg: 21 *MOL-ARR*, 21BB *Cal*, 21BBA *Cal-enion*
- Lunaria rediviva*** (144)
Dg: 32AC *Til-Ace*
Dm: 32AC *Til-Ace*
- Luzula campestris* agg.** (2161)
Dg: 21 *MOL-ARR*, 21AA *Arr*, 21BE *Mol*, 22 *NAR-*
CAL, 22AB *Vio can*
C: 19AF *Sph-Tom*, 21 *MOL-ARR*, 21AA *Arr*, 21AB
Pol-Tri, 21ACB *Pol-Cyn-enion*, 21BE *Mol*, 22
NAR-CAL, 22AA *Nar*, 22AB *Vio can*, 22AC *Nar-*
Jun, 22AD *Nar-Agr*, 26AEB *Cor-Fes-enion*
- Luzula luzuloides*** (1489)
Dg: 32 *QUE-FAG*, 32AB *Carp*, 32AE *Luz-Fag*, 33
QUE ROB, 33AA *Gen-Que*
C: 06 *MUL-ACO*, 06BA *Cal vil*, 06BB *Cal aru*,
06BC *Poo-Des*, 22BC *Vac*, 28 *BET-ALN*, 28AA
Sal sil, 32AE *Luz-Fag*, 33 *QUE ROB*, 33AA *Gen-*
Que, 37AB *Atr bel*
Dm: 06BA *Cal vil*, 32AE *Luz-Fag*, 33 *QUE ROB*,
33AA *Gen-Que*
- Luzula pilosa*** (520)
Dg: 32 *QUE-FAG*
C: 32ADD *Gal-Abi-enion*
- Luzula sylvatica*** (251)
Dg: 35 *VAC-PIC*, 35AB *Pic exc*
C: 35BA *Ath-Pic*
Dm: 04AA *Jun tri*
- Lychnis flos-cuculi*** (2232)
Dg: 21 *MOL-ARR*, 21BA *Alo pra*, 21BB *Cal*,
21BBA *Cal-enion*, 21BE *Mol*
C: 21 *MOL-ARR*, 21BA *Alo pra*, 21BB *Cal*, 21BBA
Cal-enion, 21BC *Cni ven*, 21BE *Mol*
- Lychnis viscaria*** (419)
Dg: 32BC *Que pet*
- Lycopodium annotinum*** (69)
Dg: 35 *VAC-PIC*, 35AB *Pic exc*
- Lycopsis arvensis*** (78)
Dg: 44 *SEC*, 44AB *She*, 44BA *Aph*
- Lycopus europaeus*** (903)
Dg: 13 *PHR-MAG*, 31 *ALN GLU*, 31AA *Aln glu*
C: 31 *ALN GLU*, 31AA *Aln glu*, 38 *BID TRI*
- Lysimachia nemorum*** (410)
Dg: 32AA *Aln inc*, 32AAA *Aln-enion glu-inc*
C: 18AA *Car-Mon*, 32ADB *Ace-enion*
- Lysimachia nummularia*** (1702)
Dg: 21 *MOL-ARR*, 21BB *Cal*, 21BBA *Cal-enion*
C: 21BC *Cni ven*, 32AAB *Ulm-enion*
- Lysimachia vulgaris*** (1861)
Dg: 21BB *Cal*, 21BBB *Fil-enion*, 31 *ALN GLU*
C: 13EB *Mag ela*, 19 *SCH-CAR*, 19AF *Sph-Tom*,
19BA *Eri gra*, 21BBB *Fil-enion*, 31 *ALN GLU*,
31AA *Aln glu*, 31BA *Sal cin*
- Lythrum hyssopifolia*** (11)
Dg: 12AC *Nan fla*
- Lythrum salicaria*** (1015)
Dg: 13 *PHR-MAG*, 13ED *Car gra*
C: 13EB *Mag ela*, 31 *ALN GLU*
- Lythrum virgatum*** (15)
Dg: 21BC *Cni ven*
- Maianthemum bifolium*** (1168)
Dg: 32 *QUE-FAG*, 32AB *Carp*, 32AD *Fag*, 32AE
Luz-Fag
C: 32AB *Carp*, 32ADD *Gal-Abi-enion*, 35BA *Ath-*
Pic

- Malva neglecta*** (87)
Dg: 39 CHE, 39AB Mal neg
C: 39AB Mal neg
Dm: 39AB Mal neg
- Matricaria discoidea*** (399)
Dg: 43 PLA MAJ, 43BA Pol avi, 44 SEC, 44BA Aph
C: 39AA Che gla, 43 PLA MAJ, 43BA Pol avi
- Matricaria recutita*** (129)
Dg: 44 SEC, 44BA Aph
- Medicago falcata*** (660)
Dg: 26 FES-BRO, 26AE Fes val, 26AEA Fes-enion val, 26BA Bro ere
- Medicago lupulina*** (780)
Dg: 44 SEC, 44AA Cau lap
C: 40 ART VUL, 40AB Dau-Mel
- Medicago minima*** (102)
Dg: 25BA Aly-Sed
- Melampyrum cristatum*** (72)
Dg: 32BA Que pub
- Melampyrum nemorosum*** (268)
Dg: 32AB Carp
- Melampyrum pratense*** (679)
Dg: 32AB Carp, 33 QUE ROB, 33AA Gen-Que
C: 33 QUE ROB, 33AA Gen-Que
- Melica ciliata*** (74)
Dg: 26ACA Poo-Teu-enion
C: 26ACA Poo-Teu-enion
- Melica nutans*** (1220)
Dg: 32 QUE-FAG, 32AB Carp, 32AC Til-Ace
C: 32 QUE-FAG, 32AB Carp, 32ADC Cep-Fag-enion, 37AB Atr bel
Dm: 32ADD Gal-Abi-enion
- Melica transsilvanica*** (240)
Dg: 26 FES-BRO, 26AA Aly-Fes, 26AAA Aly-Fes-enion
- Melica uniflora*** (502)
Dg: 32 QUE-FAG, 32AB Carp, 32AD Fag, 32ADA Eu-Fag-enion
C: 32BB Ace-Que
Dm: 32BB Ace-Que
- Melilotus albus*** (123)
Dg: 40 ART VUL, 40AB Dau-Mel
C: 40 ART VUL, 40AB Dau-Mel
Dm: 40 ART VUL, 40AB Dau-Mel
- Melilotus dentatus*** (48)
Dg: 43AA Agr-Rum, 43AAB Lot-Tri-enion
- Melilotus officinalis*** (177)
Dg: 40 ART VUL, 40AB Dau-Mel
C: 40 ART VUL
Dm: 40 ART VUL, 40AB Dau-Mel
- Melittis melissophyllum*** (225)
Dg: 32 QUE-FAG, 32AB Carp
- Mentha arvensis*** (791)
C: 39BB Spe-Oxa
- Mentha longifolia*** (374)
Dg: 43AAB Lot-Tri-enion
Dm: 43AAB Lot-Tri-enion
- Mentha x verticillata*** (228)
Dg: 21BB Cal, 21BBA Cal-enion
- Menyanthes trifoliata*** (263)
Dg: 13EC Car ros, 19 SCH-CAR, 19AD Car dem, 19BA Eri gra
C: 19AC Car las, 19AD Car dem, 19AF Sph-Tom, 19BA Eri gra
Dm: 13EC Car ros, 19BA Eri gra, 31BA Sal cin
- Mercurialis annua*** (46)
Dm: 39AB Mal neg
- Mercurialis perennis*** (1354)
Dg: 32 QUE-FAG, 32AC Til-Ace, 32AD Fag, 32ADA Eu-Fag-enion
C: 32 QUE-FAG, 32AC Til-Ace, 32AD Fag, 32ADA Eu-Fag-enion, 32ADB Ace-enion, 32ADC Cep-Fag-enion, 37AB Atr bel
Dm: 32AC Til-Ace, 32ADD Gal-Abi-enion, 32BB Ace-Que
- Metzgeria furcata*** (2)
Dg: 01AC Asp ser
- Meum athamanticum*** (66)
Dg: 22 NAR-CAL
- Microrrhinum minus*** (105)
Dg: 44 SEC, 44AA Cau lap
- Milium effusum*** (775)
Dg: 32 QUE-FAG, 32AD Fag, 32ADA Eu-Fag-enion
C: 28 BET-ALN, 28AA Sal sil, 32ADB Ace-enion, 37AB Atr bel
- Minuartia fastigiata*** (4)
Dg: 25BA Aly-Sed

- Minuartia setacea*** (51)
Dg: 26AAB *Pot-Fes-enion*, 26AC *Ses-Fes*, 26ACA *Poo-Teu-enion*, 26ACB *Ses-Fes-enion*
C: 26ACA *Poo-Teu-enion*, 26ACB *Ses-Fes-enion*
- Mnium marginatum*** (5)
Dg: 01AB *Cys*
- Moehringia trinervia*** (874)
Dg: 32 *QUE-FAG*, 32AD *Fag*, 32ADA *Eu-Fag-enion*
- Molinia caerulea* agg.** (1134)
Dg: 21BE *Mol*
C: 01CA *Agr alp*, 19AB *Car dav*, 21BE *Mol*, 35AD *Bet pub*
Dm: 04 *JUN TRI*, 04AA *Jun tri*, 04AB *Nar-Car*, 06 *MUL-ACO*, 06BA *Cal vil*, 18AC *Swe-Ani*, 19AA *Car fus*, 19BC *Sph-Car*, 21BE *Mol*, 31BA *Sal cin*, 35AD *Bet pub*
- Mycelis muralis*** (1320)
Dg: 32 *QUE-FAG*, 32AB *Carp*, 32AD *Fag*, 32ADA *Eu-Fag-enion*
C: 32 *QUE-FAG*, 32AD *Fag*, 32ADA *Eu-Fag-enion*, 32ADC *Cep-Fag-enion*, 32ADD *Gal-Abi-enion*, 37AB *Atr bel*
- Mylia anomala*** (34)
Dg: 20 *OXY-SPH*, 20AB *Sph med*
- Myosotis arvensis*** (773)
Dg: 39 *CHE*, 39BA *Fum-Eup*, 44 *SEC*, 44AA *Cau lap*, 44AB *She*, 44BA *Aph*
C: 39 *CHE*, 39BA *Fum-Eup*, 39BB *Spe-Oxa*, 44 *SEC*, 44AB *She*, 44BA *Aph*
- Myosotis palustris* agg.** (2496)
Dg: 21 *MOL-ARR*, 21BB *Cal*, 21BBA *Cal-enion*
C: 18 *MON-CAR*, 18AA *Car-Mon*, 18AB *Car ama*, 21 *MOL-ARR*, 21BB *Cal*, 21BBA *Cal-enion*, 31 *ALN GLU*
- Myosotis stricta*** (197)
Dg: 25 *SED-SCL*
C: 26AEB *Cor-Fes-enion*
- Myosotis sylvatica*** (328)
Dg: 32 *QUE-FAG*
- Myosoton aquaticum*** (248)
C: 30AA *Sal tri*
- Myosurus minimus*** (17)
Dm: 12AC *Nan fla*
- Myriophyllum alterniflorum*** (11)
Dg: 09BA *Bat flu*
- Myriophyllum spicatum*** (137)
Dg: 09 *POT*, 09AB *Mag*, 09ABB *Pot-enion luc*
C: 08BC *Cha fra*
Dm: 09 *POT*, 09AB *Mag*, 09ABB *Pot-enion luc*
- Myriophyllum verticillatum*** (44)
Dg: 09 *POT*
- Nardia scalaris*** (6)
Dg: 01CA *Agr alp*
- Nardus stricta*** (1126)
Dg: 21BE *Mol*, 22 *NAR-CAL*, 22AA *Nar*, 22AB *Vio can*, 22AD *Nar-Agr*
C: 04 *JUN TRI*, 04AB *Nar-Car*, 05 *SAL HER*, 05AA *Sal her*, 22 *NAR-CAL*, 22AA *Nar*, 22AB *Vio can*, 22AC *Nar-Jun*, 22AD *Nar-Agr*
Dm: 04 *JUN TRI*, 04AB *Nar-Car*, 05 *SAL HER*, 05AA *Sal her*, 22 *NAR-CAL*, 22AA *Nar*, 22AB *Vio can*, 22AC *Nar-Jun*, 22AD *Nar-Agr*
- Neckera complanata*** (4)
Dg: 01 *ASP TRI*, 01AB *Cys*
- Neckera crispa*** (6)
Dg: 01AB *Cys*
Dm: 01AB *Cys*
- Neottia nidus-avis*** (218)
Dg: 32 *QUE-FAG*, 32AB *Carp*
- Neslia paniculata*** (206)
Dg: 44 *SEC*, 44AA *Cau lap*, 44AB *She*
C: 44AB *She*
- Nitella flexilis*** (3)
Dg: 08 *CHA FRA*, 08AA *Nit fle*
C: 08AA *Nit fle*
Dm: 08 *CHA FRA*, 08AA *Nit fle*
- Nuphar lutea*** (134)
Dg: 09 *POT*, 09AA *Nym alb*
C: 09AA *Nym alb*
Dm: 09 *POT*, 09AA *Nym alb*
- Nymphaea alba*** (13)
Dg: 09AA *Nym alb*
Dm: 09AA *Nym alb*
- Nymphaea candida*** (24)
Dg: 09AA *Nym alb*
- Odontites vernus*** (152)
Dg: 43AAB *Lot-Tri-enion*

- Oenanthe aquatica*** (292)
Dg: 12 ISO-NAN, 13CA *Oen aqu*, 38 BID TRI,
38AA *Bid tri*
C: 12 ISO-NAN, 38 BID TRI
- Oenothera biennis* agg.** (53)
Dg: 40 ART VUL, 40AB *Dau-Mel*
C: 39CB *Sal rut*
- Onobrychis viciifolia* agg.** (187)
Dg: 26 FES-BRO, 26BA *Bro ere*
- Ononis spinosa*** (421)
Dg: 26 FES-BRO, 26BA *Bro ere*
C: 21ACB *Pol-Cyn-enion*
- Onopordum acanthium*** (36)
Dg: 40 ART VUL, 40AA *Ono aca*
C: 40AA *Ono aca*
Dm: 40AA *Ono aca*
- Origanum vulgare*** (329)
Dg: 27 TRI-GER, 27AA *Ger san*
C: 27 TRI-GER, 27AA *Ger san*
- Orthohecium intricatum*** (2)
Dg: 01AB *Cys*
- Oxalis acetosella*** (2337)
Dg: 32 QUE-FAG, 32AA *Aln inc*, 32AAA *Aln-enion glu-inc*, 32AC *Til-Ace*, 32AD *Fag*, 32ADA *Eu-Fag-enion*, 32AE *Luz-Fag*
C: 06 MUL-ACO, 06AA *Ade*, 06AB *Dry-Ath*, 18 *MON-CAR*, 32 QUE-FAG, 32AA *Aln inc*, 32AAA *Aln-enion glu-inc*, 32AC *Til-Ace*, 32AD *Fag*, 32ADA *Eu-Fag-enion*, 32ADB *Ace-enion*, 32ADD *Gal-Abi-enion*, 32AE *Luz-Fag*, 35 VAC-PIC, 35AB *Pic exc*, 35BA *Ath-Pic*
Dm: 32ADD *Gal-Abi-enion*, 35BA *Ath-Pic*
- Oxalis fontana*** (93)
Dg: 39BB *Spe-Oxa*
C: 39BB *Spe-Oxa*
- Oxycoccus palustris* agg.** (281)
Dg: 19 SCH-CAR, 20 OXY-SPH, 20AB *Sph med*
C: 19BB *Rhy alb*, 19BD *Leu-Sch*, 20 OXY-SPH, 20AA *Oxy-Emp*, 20AB *Sph med*, 20BA *Oxy-Eri*
- Oxymyrtia incrassata*** (3)
Dg: 26AAB *Pot-Fes-enion*
- Oxystegus cylindricus*** (5)
Dg: 01CA *Agr alp*, 06BB *Cal aru*
- Paludella squarrosa*** (29)
Dg: 19AF *Sph-Tom*
- Panicum miliaceum*** (7)
Dg: 39CA *Era*
- Papaver argemone*** (69)
Dg: 44 SEC, 44AA *Cau lap*
- Papaver rhoeas*** (415)
Dg: 44 SEC, 44AA *Cau lap*
C: 44 SEC, 44AA *Cau lap*
- Parietaria officinalis*** (3)
Dm: 03 THL ROT, 03BA *Sti cal*
- Paris quadrifolia*** (509)
Dg: 32 QUE-FAG, 32AD *Fag*, 32ADA *Eu-Fag-enion*
C: 28 BET-ALN
- Parmelia somloensis*** (126)
Dg: 26AA *Aly-Fes*, 26AAB *Pot-Fes-enion*
- Parnassia palustris*** (209)
Dg: 19 SCH-CAR, 19AB *Car dav*, 19AD *Car dem*, 19AF *Sph-Tom*
C: 01CA *Agr alp*, 19AD *Car dem*, 19AF *Sph-Tom*
- Pastinaca sativa*** (358)
Dg: 21AA *Arr*
- Pedicularis sudetica* ssp. *sudetica*** (2)
Dg: 18AC *Swe-Ani*
- Pedicularis sylvatica*** (70)
Dg: 22AB *Vio can*
- Pedinophyllum interruptum*** (5)
Dg: 01 ASP TRI, 01AB *Cys*
- Pellia endiviifolia*** (18)
Dg: 18 MON-CAR, 18BA *Lyc-Cra*
C: 18BA *Lyc-Cra*
- Peplis portula*** (60)
Dg: 12 ISO-NAN, 12AA *Ele ova*
C: 12 ISO-NAN
Dm: 12 ISO-NAN, 12AA *Ele ova*
- Persicaria amphibia*** (483)
Dg: 13ED *Car gra*
Dm: 09AA *Nym alb*
- Persicaria hydropiper*** (466)
Dg: 38 BID TRI, 38AA *Bid tri*
C: 38 BID TRI, 38AA *Bid tri*
Dm: 38 BID TRI, 38AA *Bid tri*

- Persicaria lapathifolia*** (636)
Dg: 12 ISO-NAN, 12AA *Ele ova*, 38 *BID TRI*, 38AA *Bid tri*, 44 *SEC*, 44BA *Aph*
C: 12 ISO-NAN, 12AA *Ele ova*, 38 *BID TRI*, 38AA *Bid tri*, 39AA *Che gla*, 39BB *Spe-Oxa*, 44 *SEC*, 44AB *She*
- Persicaria maculosa*** (262)
Dg: 44 *SEC*, 44BA *Aph*
- Petasites albus*** (546)
Dg: 32AD *Fag*
C: 06AA *Ade*, 32ADB *Ace-enion*, 41BA *Pet off*
Dm: 06 *MUL-ACO*, 06AA *Ade*, 06AB *Dry-Ath*, 18 *MON-CAR*, 18AB *Car ama*, 32ADD *Gal-Abi-enion*, 41 *GAL-URT*, 41BA *Pet off*
- Petasites hybridus*** (188)
Dg: 41 *GAL-URT*, 41BA *Pet off*
C: 41BA *Pet off*
Dm: 41 *GAL-URT*, 41BA *Pet off*, 41CC *Aeg pod*
- Petasites kablikianus*** (26)
Dg: 41BA *Pet off*
Dm: 41BA *Pet off*
- Pucedanum cervaria*** (331)
Dg: 26BA *Bro ere*, 27 *TRI-GER*, 27AA *Ger san*
C: 27 *TRI-GER*, 27AA *Ger san*
- Phalaris arundinacea*** (1191)
Dg: 13 *PHR-MAG*, 13DA *Pha aru*, 13ED *Car gra*
C: 13DA *Pha aru*, 13ED *Car gra*, 21BC *Cni ven*, 21BD *Ver-Lys*, 30 *SAL PUR*, 30AA *Sal tri*, 30AC *Sal alb*, 31 *ALN GLU*, 41AA *Sen flu*
Dm: 13 *PHR-MAG*, 13DA *Pha aru*, 13ED *Car gra*, 21BD *Ver-Lys*, 30 *SAL PUR*, 30AA *Sal tri*, 30AC *Sal alb*
- Phegopteris connectilis*** (210)
Dg: 32ADB *Ace-enion*
C: 32ADB *Ace-enion*
- Philonotis calcarea*** (9)
Dg: 19AB *Car dav*
- Philonotis fontana*** (102)
Dg: 19 *SCH-CAR*
- Philonotis seriata*** (29)
Dg: 18 *MON-CAR*, 18AC *Swe-Ani*
C: 18AC *Swe-Ani*
Dm: 18AC *Swe-Ani*
- Phleum phleoides*** (523)
Dg: 26 *FES-BRO*, 26AE *Fes val*, 26AEA *Fes-enion val*, 26BB *Koe-Phl*
- C: 26AD *Asp-Arm*, 26AEB *Cor-Fes-enion*, 26BB *Koe-Phl*, 34 *ERI-PIN*
- Phleum pratense*** agg. (577)
Dg: 21 *MOL-ARR*, 21AC *Cyn*, 21ACA *Lol-Cyn-enion*
C: 21ACA *Lol-Cyn-enion*
- Phleum rhaeticum*** (67)
Dg: 21AB *Pol-Tri*, 22AD *Nar-Agr*
- Phragmites australis*** (732)
Dg: 13 *PHR-MAG*, 13AA *Phr com*
C: 09ABA *Pot-enion pol*, 19BB *Rhy alb*
Dm: 13 *PHR-MAG*, 13AA *Phr com*, 13BA *Sci mar*, 13EB *Mag ela*
- Phyllitis scolopendrium*** (4)
Dg: 01AB *Cys*
Dm: 01AB *Cys*
- Phyteuma orbiculare*** (15)
Dg: 01CA *Agr alp*
C: 01CA *Agr alp*
- Phyteuma spicatum*** (498)
Dg: 21AB *Pol-Tri*, 22AD *Nar-Agr*
C: 21AB *Pol-Tri*, 22AD *Nar-Agr*
- Picea abies*** (1808)
Dg: 32 *QUE-FAG*, 32AD *Fag*, 32AE *Luz-Fag*, 35 *VAC-PIC*, 35AB *Pic exc*
C: 28 *BET-ALN*, 28AA *Sal sil*, 32 *QUE-FAG*, 32AD *Fag*, 32ADB *Ace-enion*, 32ADD *Gal-Abi-enion*, 32AE *Luz-Fag*, 35 *VAC-PIC*, 35AA *Dic-Pin*, 35AB *Pic exc*, 35AC *Pin mug*, 35AD *Bet pub*, 35BA *Ath-Pic*
Dm: 32AD *Fag*, 32ADB *Ace-enion*, 32ADD *Gal-Abi-enion*, 32AE *Luz-Fag*, 35 *VAC-PIC*, 35AB *Pic exc*, 35AD *Bet pub*, 35BA *Ath-Pic*
- Picris hieracioides*** (227)
Dg: 26BA *Bro ere*, 40AB *Dau-Mel*
- Pimpinella major*** (574)
Dg: 21 *MOL-ARR*, 21AA *Arr*
- Pimpinella saxifraga*** (1882)
Dg: 21AA *Arr*, 26 *FES-BRO*, 26BA *Bro ere*, 26BB *Koe-Phl*
C: 01CA *Agr alp*, 21ACB *Pol-Cyn-enion*, 22AB *Vio can*, 25 *SED-SCL*, 26 *FES-BRO*, 26AD *Asp-Arm*, 26AEB *Cor-Fes-enion*, 26BA *Bro ere*, 26BB *Koe-Phl*, 34 *ERI-PIN*, 34AA *Eri-Pin*
- Pinguicula vulgaris*** (28)
Dg: 19AB *Car dav*

***Pinus mugo* agg. (74)**

Dg: 20 OXY-SPH, 35AC Pin mug
 C: 35AC Pin mug
 Dm: 20 OXY-SPH, 20AA Oxy-Emp, 20AB Sph med,
 35AC Pin mug

***Pinus rotundata* (50)**

Dg: 20 OXY-SPH, 20AB Sph med
 Dm: 20 OXY-SPH, 20AB Sph med, 35AC Pin mug

***Pinus sylvestris* (735)**

Dg: 33 QUE ROB, 33AA Gen-Que, 35 VAC-PIC,
 35AA Dic-Pin
 C: 33 QUE ROB, 33AA Gen-Que, 34 ERI-PIN,
 34AA Eri-Pin, 35 VAC-PIC, 35AA Dic-Pin,
 35AD Bet pub
 Dm: 32ADC Cep-Fag-enion, 33 QUE ROB, 33AA
 Gen-Que, 34 ERI-PIN, 34AA Eri-Pin, 35 VAC-
 PIC, 35AA Dic-Pin, 35AD Bet pub

***Plagiomnium affine* agg. (1570)**

Dg: 21 MOL-ARR
 Dm: 32ADD Gal-Abi-enion

***Plagiomnium rostratum* (160)**

Dg: 21BBA Cal-enion

***Plagiomnium undulatum* (626)**

Dg: 32AA Aln inc, 32AAA Aln-enion glu-inc
 C: 37AB Atr bel

***Plantago arenaria* (10)**

Dg: 23 KOE-COR, 23AA Cor can, 24 FES VAG,
 24AA Koe gla, 39CB Sal rut
 C: 39CB Sal rut

***Plantago lanceolata* (2933)**

Dg: 21 MOL-ARR, 21AA Arr
 C: 21 MOL-ARR, 21AA Arr, 21AB Pol-Tri, 21AC
 Cyn, 21ACA Lol-Cyn-enion, 21ACB Pol-Cyn-
 enion, 21BC Cni ven, 21BE Mol, 22 NAR-CAL,
 22AB Vio can, 25 SED-SCL, 25AD Pla-Fes,
 26AEB Cor-Fes-enion, 26BB Koe-Phl, 40 ART
 VUL, 44AC Ver-Tar

***Plantago major* agg. (1340)**

Dg: 43 PLA MAJ, 43BA Pol avi, 44 SEC
 C: 12 ISO-NAN, 12AC Nan fla, 17 FES-PUC,
 21ACA Lol-Cyn-enion, 39 CHE, 39AA Che gla,
 39AC Bro-Hor, 39BB Spe-Oxa, 43 PLA MAJ,
 43AAA Ran-Rum-enion, 43BA Pol avi, 44 SEC,
 44AB She, 44AC Ver-Tar

***Plantago maritima* ssp. *ciliata* (27)**

C: 16 THE-SAL

***Plantago media* (1239)**

Dg: 21AA Arr, 26 FES-BRO, 26BA Bro ere
 C: 21ACB Pol-Cyn-enion, 26 FES-BRO, 26AD Asp-
 Arm, 26AEB Cor-Fes-enion, 26BA Bro ere

***Platanthera bifolia* (178)**

Dg: 32AB Carp

***Pleurochaete squarrosa* (9)**

Dg: 26ACA Poo-Teu-enion

***Pleurozium schreberi* (775)**

Dg: 22 NAR-CAL, 35 VAC-PIC, 35AA Dic-Pin
 C: 22 NAR-CAL, 22AA Nar, 22BA Gen, 34 ERI-
 PIN, 34AA Eri-Pin, 35 VAC-PIC, 35AA Dic-Pin
 Dm: 22AB Vio can, 22BA Gen, 34 ERI-PIN, 34AA
 Eri-Pin, 35AA Dic-Pin

***Poa annua* (936)**

Dg: 39 CHE, 43 PLA MAJ, 43BA Pol avi, 44 SEC,
 44BA Aph
 C: 39 CHE, 39AA Che gla, 39AC Bro-Hor, 39BB
 Spe-Oxa, 43 PLA MAJ, 43BA Pol avi, 44 SEC,
 44AB She, 44BA Aph
 Dm: 43BA Pol avi

***Poa badensis* (23)**

Dg: 26AC Ses-Fes, 26ACA Poo-Teu-enion
 C: 26ACA Poo-Teu-enion

***Poa bulbosa* (127)**

Dg: 25 SED-SCL, 25AB Ara tha, 26AAB Pot-Fes-
 enion

***Poa chaixii* (177)**

Dg: 22AD Nar-Agr
 Dm: 21AB Pol-Tri

***Poa compressa* (462)**

C: 02 PAR, 02AA Cen-Par, 25AA The-Air, 40 ART
 VUL, 42 AGR REP

***Poa nemoralis* (2253)**

Dg: 32 QUE-FAG, 32AB Carp, 32AC Til-Ace,
 32AD Fag, 32ADA Eu-Fag-enion, 32BC Que pet
 C: 29 RHA-PRU, 32 QUE-FAG, 32AB Carp, 32AC
 Til-Ace, 32ADA Eu-Fag-enion, 32ADC Cep-Fag-
 enion, 32BA Que pub, 32BB Ace-Que, 32BC Que
 pet, 33 QUE ROB, 33AA Gen-Que, 36 ROB, 37
 EPI ANG, 37AA Car-Epi, 37AB Atr bel, 37BA
 Sam-Sal, 41CA Gal-All
 Dm: 32BB Ace-Que, 32BC Que pet, 36 ROB, 41CA
 Gal-All

***Poa palustris* (798)**

Dg: 13ED Car gra

C: 21BC *Cni ven*, 21BD *Ver-Lys*, 30 *SAL PUR*,
30AA *Sal tri*
Dm: 21BC *Cni ven*

***Poa pratensis* agg.** (3734)

Dg: 21 *MOL-ARR*, 21AA *Arr*, 21AB *Pol-Tri*, 21AC
Cyn, 21ACA *Lol-Cyn-enion*, 21BA *Alo pra*,
21BBA *Cal-enion*, 21BC *Cni ven*, 21BE *Mol*,
25AD *Pla-Fes*, 26 *FES-BRO*, 26AEB *Cor-Fes-*
enion, 26AEC *Ast-Ach-enion*, 26BA *Bro ere*,
26BB *Koe-Phl*, 27 *TRI-GER*, 27AA *Ger san*, 29
RHA-PRU, 40 *ART VUL*, 42 *AGR REP*
Dm: 26AEC *Ast-Ach-enion*

Poa trivialis (2905)

Dg: 21 *MOL-ARR*, 21BB *Cal*, 21BBA *Cal-enion*
C: 21 *MOL-ARR*, 21ACA *Lol-Cyn-enion*, 21BA *Alo*
pra, 21BB *Cal*, 21BBA *Cal-enion*, 21BBB *Fil-*
enion, 21BC *Cni ven*, 30 *SAL PUR*, 30AC *Sal alb*,
41 *GAL-URT*, 41CC *Aeg pod*, 43AAB *Lot-Tri-*
enion

Pohlia nutans (468)

C: 05 *SAL HER*, 05AA *Sal her*

Pohlia wahlenbergii (14)

Dg: 18AC *Swe-Ani*
Dm: 18AC *Swe-Ani*

Polygala amarella (28)

Dg: 19AB *Car dav*

Polygala comosa (159)

Dg: 26 *FES-BRO*, 26BA *Bro ere*

Polygala major (110)

Dg: 26BA *Bro ere*

Polygala vulgaris (418)

Dg: 22 *NAR-CAL*, 22AB *Vio can*
C: 21ACB *Pol-Cyn-enion*, 22AB *Vio can*

Polygonatum multiflorum (726)

Dg: 32 *QUE-FAG*, 32AB *Carp*
C: 32AB *Carp*

Polygonatum odoratum (417)

Dg: 32BA *Que pub*, 32BC *Que pet*
C: 32BA *Que pub*

Polygonatum verticillatum (384)

Dg: 32 *QUE-FAG*, 32AD *Fag*

***Polygonum aviculare* agg.** (1158)

Dg: 39 *CHE*, 43 *PLA MAJ*, 43BA *Pol avi*, 44 *SEC*,
44AA *Cau lap*, 44BA *Aph*

C: 17 *FES-PUC*, 17BA *Puc lim*, 39 *CHE*, 39AA *Che*
gla, 39AB *Mal neg*, 39AC *Bro-Hor*, 39AD *Sis off*,
39BB *Spe-Oxa*, 39CA *Era*, 43 *PLA MAJ*, 43BA
Pol avi, 44 *SEC*, 44AA *Cau lap*, 44AB *She*, 44AC
Ver-Tar, 44BA *Aph*

Dm: 43 *PLA MAJ*, 43BA *Pol avi*

Polystichum aculeatum (97)

Dg: 32AC *Til-Ace*

Polytrichum commune (531)

Dg: 35 *VAC-PIC*, 35AB *Pic exc*
C: 05 *SAL HER*, 05AA *Sal her*, 35 *VAC-PIC*, 35AD
Bet pub
Dm: 28 *BET-ALN*, 28AA *Sal sil*

***Polytrichum formosum* agg.** (1168)

Dg: 32 *QUE-FAG*, 32AE *Luz-Fag*, 35 *VAC-PIC*,
35AB *Pic exc*
C: 05 *SAL HER*, 05AA *Sal her*, 32ADD *Gal-Abi-*
enion, 32AE *Luz-Fag*, 33 *QUE ROB*, 35 *VAC-PIC*,
35AB *Pic exc*, 35BA *Ath-Pic*
Dm: 22AC *Nar-Jun*, 35AB *Pic exc*, 35BA *Ath-Pic*

Polytrichum piliferum (389)

Dg: 22BB *Eup-Cal*, 25 *SED-SCL*, 25AB *Ara tha*,
25AC *Hyp-Scl*, 26AA *Aly-Fes*, 26AAB *Pot-Fes-*
enion
C: 01BA *And van*, 22BB *Eup-Cal*, 25 *SED-SCL*,
25AB *Ara tha*, 26AAB *Pot-Fes-enion*
Dm: 22BB *Eup-Cal*, 25AB *Ara tha*, 26AAB *Pot-*
Fes-enion

Polytrichum strictum (228)

Dg: 20 *OXY-SPH*, 20AB *Sph med*
C: 20 *OXY-SPH*, 20AA *Oxy-Emp*, 20AB *Sph med*
Dm: 20 *OXY-SPH*, 20AA *Oxy-Emp*

Populus nigra (31)

Dg: 30 *SAL PUR*, 30AC *Sal alb*

Populus x canadensis (13)

Dg: 30 *SAL PUR*, 30AC *Sal alb*
Dm: 30 *SAL PUR*

Portulaca oleracea (8)

Dg: 39CA *Era*
C: 39CA *Era*

Potamogeton acutifolius (16)

Dg: 08BB *Cha vul*

Potamogeton alpinus (22)

Dg: 09AB *Mag*, 09ABB *Pot-enion luc*
Dm: 09AB *Mag*, 09ABB *Pot-enion luc*

- Potamogeton crispus*** (150)
Dg: 09 POT, 09AC Par
Dm: 09AC Par
- Potamogeton gramineus*** (18)
Dg: 09ABA *Pot-enion pol*
C: 09ABA *Pot-enion pol*
D80
m: 09ABA *Pot-enion pol*
- Potamogeton lucens*** (84)
Dg: 09 POT, 09AB Mag, 09ABB *Pot-enion luc*
Dm: 09 POT, 09AB Mag, 09ABB *Pot-enion luc*
- Potamogeton natans*** (216)
Dg: 09 POT, 09AA *Nym alb*
C: 09AA *Nym alb*, 09ABA *Pot-enion pol*
Dm: 09 POT, 09AA *Nym alb*
- Potamogeton nodosus*** (29)
Dg: 09AB Mag
Dm: 09AB Mag
- Potamogeton obtusifolius*** (48)
Dg: 09AC Par
Dm: 09AC Par
- Potamogeton pectinatus*** (196)
Dg: 09 POT, 09AC Par
C: 08BC *Cha fra*, 09AC Par
Dm: 09 POT, 09AB Mag, 09ABB *Pot-enion luc*,
09AC Par
- Potamogeton pusillus*** (140)
Dg: 09 POT, 09AC Par
Dm: 09AC Par
- Potamogeton trichoides*** (28)
Dg: 09AC Par
Dm: 09AC Par
- Potentilla alba*** (181)
Dg: 32BC *Que pet*
- Potentilla anserina*** (511)
Dg: 43 PLA MAJ, 43AA *Agr-Rum*, 43AAA *Ran-Rum-enion*, 43AAB *Lot-Tri-enion*
C: 17 FES-PUC, 17AA *Sco-Jun*, 17BA *Puc lim*, 43AA *Agr-Rum*, 43AAA *Ran-Rum-enion*, 43AAB *Lot-Tri-enion*
Dm: 17 FES-PUC, 17AA *Sco-Jun*, 43 PLA MAJ, 43AA *Agr-Rum*, 43AAA *Ran-Rum-enion*, 43AAB *Lot-Tri-enion*
- Potentilla arenaria*** (1008)
Dg: 26 FES-BRO, 26AA *Aly-Fes*, 26AAB *Pot-Fes-enion*, 26AE *Fes val*, 26AEA *Fes-enion val*
- C: 26 FES-BRO, 26AA *Aly-Fes*, 26AAB *Pot-Fes-enion*, 26AB *Hel-Fes*, 26AC *Ses-Fes*, 26ACA *Poo-Teu-enion*, 26ACB *Ses-Fes-enion*, 26AD *Asp-Arm*, 26AE *Fes val*, 26AEA *Fes-enion val*
- Potentilla argentea*** (525)
Dg: 25 SED-SCL, 26 FES-BRO, 26AE *Fes val*
C: 25 SED-SCL, 25AA *The-Air*, 25AD *Pla-Fes*, 26AEB *Cor-Fes-enion*
- Potentilla aurea*** (142)
Dg: 21AB *Pol-Tri*, 22 NAR-CAL, 22AA *Nar*, 22AD *Nar-Agr*
C: 22AA *Nar*, 22AD *Nar-Agr*
- Potentilla crantzii ssp. serpentini*** (6)
Dg: 34 ERI-PIN, 34AA *Eri-Pin*
- Potentilla erecta*** (2202)
Dg: 19 SCH-CAR, 21 MOL-ARR, 21BE *Mol*, 22 NAR-CAL, 22AB *Vio can*
C: 05 SAL HER, 05AA *Sal her*, 06 MUL-ACO, 06BA *Cal vil*, 06BB *Cal aru*, 06BC *Poo-Des*, 18AC *Swe-Ani*, 19 SCH-CAR, 19AA *Car fus*, 19AB *Car dav*, 19AC *Car las*, 19AD *Car dem*, 19AF *Sph-Tom*, 19BC *Sph-Car*, 21ACB *Pol-Cyn-enion*, 21BE *Mol*, 22 NAR-CAL, 22AA *Nar*, 22AB *Vio can*, 22AC *Nar-Jun*, 22AD *Nar-Agr*, 22BA *Gen*
- Potentilla heptaphylla*** (437)
Dg: 26 FES-BRO, 26BA *Bro ere*
C: 26AEB *Cor-Fes-enion*
- Potentilla palustris*** (455)
Dg: 13EC *Car ros*, 19 SCH-CAR
C: 13EC *Car ros*, 19AC *Car las*, 19AF *Sph-Tom*, 19BA *Eri gra*
Dm: 13EC *Car ros*, 19BA *Eri gra*
- Potentilla reptans*** (515)
Dg: 21BC *Cni ven*, 43AA *Agr-Rum*
C: 21BC *Cni ven*, 21BD *Ver-Lys*
- Potentilla supina*** (70)
Dg: 12 ISO-NAN, 12AC *Nan fla*, 38 BID TRI, 38AA *Bid tri*
C: 12AC *Nan fla*
- Potentilla tabernaemontani*** (415)
Dg: 25AC *Hyp-Scl*, 26 FES-BRO
C: 26AEB *Cor-Fes-enion*
- Pottia intermedia*** (10)
Dg: 21BC *Cni ven*

- Preissia quadrata*** (5)
Dg: 01AB Cys
- Prenanthes purpurea*** (809)
Dg: 32 QUE-FAG, 32AD Fag, 32ADA Eu-Fag-enion, 32AE Luz-Fag
C: 28 BET-ALN, 28AA Sal sil, 32ADB Ace-enion
- Primula elatior*** (679)
Dg: 32AA Aln inc, 32AAA Aln-enion glu-inc
- Primula minima*** (7)
Dg: 01CA Agr alp
C: 01CA Agr alp
- Prunella grandiflora*** (212)
Dg: 26 FES-BRO, 26BA Bro ere
- Prunella vulgaris*** (1378)
Dg: 21 MOL-ARR
C: 21ACB Pol-Cyn-enion
- Prunus fruticosa*** (66)
Dg: 29 RHA-PRU, 29AB Pru spi
Dm: 29 RHA-PRU, 29AB Pru spi
- Prunus mahaleb*** (24)
Dg: 29 RHA-PRU, 29AA Ber
- Prunus padus ssp. borealis*** (9)
Dg: 28 BET-ALN, 28AA Sal sil
- Prunus padus ssp. padus*** (232)
Dg: 32AA Aln inc, 32AAA Aln-enion glu-inc
- Prunus spinosa*** (240)
Dg: 29 RHA-PRU, 29AA Ber
C: 29 RHA-PRU, 29AA Ber
Dm: 29 RHA-PRU, 29AA Ber, 29AB Pru spi
- Prunus tenella*** (5)
Dg: 29 RHA-PRU, 29AB Pru spi
Dm: 29 RHA-PRU, 29AB Pru spi
- Pseudolysimachion maritimum*** (40)
Dg: 21BC Cni ven, 21BD Ver-Lys
C: 21BD Ver-Lys
- Pseudolysimachion spicatum*** (327)
Dg: 26 FES-BRO, 26AAB Pot-Fes-enion, 26BB Koe-Phl
C: 26AAB Pot-Fes-enion, 26AD Asp-Arm
- Pseudorchis albida*** (7)
Dg: 22AA Nar
- Pteridium aquilinum*** (80)
Dg: 35AA Dic-Pin
Dm: 35AA Dic-Pin
- Ptilidium ciliare*** (90)
Dg: 22BA Gen
- Puccinellia distans agg.*** (74)
Dg: 16 THE-SAL, 16AA The-Sal, 17 FES-PUC, 17AA Sco-Jun, 17BA Puc lim
C: 14 CRY ACU, 15 THE-SUA, 16 THE-SAL, 16AA The-Sal, 17 FES-PUC, 17AA Sco-Jun, 17BA Puc lim
Dm: 17 FES-PUC, 17BA Puc lim
- Pulegium vulgare*** (49)
Dg: 21BC Cni ven, 43AA Agr-Rum, 43AAB Lot-Tri-enion
- Pulicaria vulgaris*** (16)
Dg: 43AAB Lot-Tri-enion
- Pulmonaria officinalis agg.*** (1278)
Dg: 32 QUE-FAG, 32AA Aln inc, 32AB Carp, 32AC Til-Ace
C: 32 QUE-FAG, 32AAB Ulm-enion, 32AB Carp, 32AC Til-Ace
- Pulsatilla pratensis ssp. bohemica*** (230)
Dg: 26 FES-BRO, 26AA Aly-Fes
- Pyrethrum corymbosum*** (723)
Dg: 32 QUE-FAG, 32AB Carp, 32BA Que pub, 32BC Que pet
C: 32BA Que pub, 32BB Ace-Que, 32BC Que pet
- Pyrus pyraeaster*** (41)
Dg: 32BA Que pub
- Quercus cerris*** (3)
Dg: 32BB Ace-Que
Dm: 32BB Ace-Que
- Quercus petraea agg.*** (1342)
Dg: 32 QUE-FAG, 32AB Carp, 32BC Que pet, 33 QUE ROB, 33AA Gen-Que
C: 32 QUE-FAG, 32AB Carp, 32BA Que pub, 32BB Ace-Que, 32BC Que pet, 33 QUE ROB, 33AA Gen-Que
Dm: 32 QUE-FAG, 32AB Carp, 32BA Que pub, 32BB Ace-Que, 32BC Que pet, 33 QUE ROB, 33AA Gen-Que
- Quercus pubescens agg.*** (79)
Dg: 32BA Que pub, 32BB Ace-Que
C: 32BA Que pub, 32BB Ace-Que
Dm: 32BA Que pub, 32BB Ace-Que

***Quercus robur* (777)**

Dg: 32 *QUE-FAG*, 32AAB *Ulm-enion*, 32AB *Carp*
 C: 32AAB *Ulm-enion*, 33 *QUE ROB*
 Dm: 32AAB *Ulm-enion*, 32AB *Carp*, 32BB *Ace-Que*, 32BC *Que pet*, 33 *QUE ROB*, 33AA *Gen-Que*

***Racomitrium fasciculare* (4)**

Dg: 18AC *Swe-Ani*

***Racomitrium lanuginosum* (14)**

Dg: 04 *JUN TRI*

***Racomitrium sudeticum* (14)**

Dg: 03AA *And alp*
 C: 03AA *And alp*

***Radiola linoides* (2)**

Dg: 12AB *Rad lin*

***Ranunculus acris* (3382)**

Dg: 21 *MOL-ARR*, 21AA *Arr*, 21BB *Cal*, 21BBA *Cal-enion*, 21BE *Mol*
 C: 19 *SCH-CAR*, 19AA *Car fus*, 19AB *Car dav*, 19AF *Sph-Tom*, 21 *MOL-ARR*, 21AA *Arr*, 21AB *Pol-Tri*, 21AC *Cyn*, 21ACA *Lol-Cyn-enion*, 21BA *Alo pra*, 21BB *Cal*, 21BBA *Cal-enion*, 21BC *Cni ven*, 21BE *Mol*, 22 *NAR-CAL*, 22AB *Vio can*, 22AD *Nar-Agr*

***Ranunculus arvensis* (82)**

Dg: 44 *SEC*

***Ranunculus auricomus* agg. (1895)**

Dg: 21 *MOL-ARR*, 21BB *Cal*, 21BBA *Cal-enion*, 21BE *Mol*
 C: 21 *MOL-ARR*, 21BA *Alo pra*, 21BB *Cal*, 21BBA *Cal-enion*, 21BC *Cni ven*, 21BE *Mol*

***Ranunculus bulbosus* (266)**

Dg: 21AA *Arr*

***Ranunculus flammula* (434)**

C: 10 *ISO-LIT*, 10AB *Lit uni*, 12AB *Rad lin*

***Ranunculus lanuginosus* (326)**

Dg: 32 *QUE-FAG*, 32AA *Aln inc*, 32AAA *Aln-enion glu-inc*

***Ranunculus platanifolius* (112)**

Dg: 06 *MUL-ACO*

***Ranunculus polyanthemus* (300)**

Dg: 26BA *Bro ere*

***Ranunculus repens* (3124)**

Dg: 21 *MOL-ARR*, 21BB *Cal*, 21BBA *Cal-enion*

C: 18 *MON-CAR*, 18AA *Car-Mon*, 21 *MOL-ARR*, 21ACA *Lol-Cyn-enion*, 21BA *Alo pra*, 21BBA *Cal-enion*, 21BC *Cni ven*, 30 *SAL PUR*, 30AA *Sal tri*, 31 *ALN GLU*, 31AA *Aln glu*, 38 *BID TRI*, 39BB *Spe-Oxa*, 41 *GAL-URT*, 43 *PLA MAJ*, 43AA *Agr-Rum*, 43AAA *Ran-Rum-enion*, 43AAB *Lot-Tri-enion*

***Ranunculus sceleratus* (115)**

Dg: 12 *ISO-NAN*, 12AA *Ele ova*, 38 *BID TRI*, 38AA *Bid tri*

***Raphanus raphanistrum* (276)**

Dg: 44 *SEC*, 44AA *Cau lap*, 44AB *She*, 44BA *Aph*
 C: 44 *SEC*, 44AB *She*

***Rhinanthus minor* (608)**

Dg: 21 *MOL-ARR*, 21AA *Arr*

***Rhinanthus pulcher* (39)**

Dg: 22AA *Nar*

***Rhizomnium punctatum* agg. (328)**

Dg: 18 *MON-CAR*, 18AB *Car ama*
 C: 18 *MON-CAR*

***Rhynchospora alba* (26)**

Dg: 19AD *Car dem*, 19BB *Rhy alb*
 C: 19BB *Rhy alb*
 Dm: 19BB *Rhy alb*

***Rhynchospora fusca* (4)**

Dg: 19BB *Rhy alb*

***Rhynchosstegium riparioides* (7)**

Dg: 09BA *Bat flu*
 Dm: 09BA *Bat flu*

***Rhytidiadelphus squarrosus* (982)**

Dg: 21 *MOL-ARR*, 21BB *Cal*, 21BBA *Cal-enion*
 C: 21AB *Pol-Tri*
 Dm: 06BC *Poo-Des*, 21AB *Pol-Tri*

***Rhytidium rugosum* (178)**

Dg: 26 *FES-BRO*
 Dm: 26AD *Asp-Arm*

***Ribes alpinum* (58)**

Dg: 32AC *Til-Ace*

***Ribes nigrum* (14)**

Dg: 31 *ALN GLU*, 31AA *Aln glu*

***Ribes petraeum* (3)**

Dg: 28 *BET-ALN*, 28AA *Sal sil*

Robinia pseudacacia (88)

Dg: 36 ROB, 36AA Che-Rob
 C: 36 ROB, 36AA Che-Rob
 Dm: 36 ROB, 36AA Che-Rob

Rorippa amphibia (138)

Dg: 13CA Oen aqu
 Dm: 13CA Oen aqu

Rorippa austriaca (11)

Dg: 21BC Cni ven

Rorippa palustris (197)

Dg: 12 ISO-NAN, 12AA Ele ova, 38 BID TRI, 38AA Bid tri
 C: 12 ISO-NAN, 12AA Ele ova, 38 BID TRI

Rorippa x anceps (4)

Dg: 21BC Cni ven

Rosa canina agg. (264)

Dg: 29 RHA-PRU, 29AA Ber
 C: 29 RHA-PRU, 29AA Ber

Rosa spinosissima (21)

Dg: 29AB Pru spi
 Dm: 29AB Pru spi

Rubus caesius (483)

Dg: 32AA Aln inc, 32AAB Ulm-enion
 C: 30 SAL PUR, 32AAB Ulm-enion
 Dm: 41AA Sen flu

Rubus chamaemorus (10)

Dg: 20 OXY-SPH, 20AA Oxy-Emp

Rubus fruticosus agg. (1430)

Dg: 32 QUE-FAG, 32AD Fag, 32ADA Eu-Fag-enion
 C: 32 QUE-FAG, 33 QUE ROB, 36 ROB, 37 EPI ANG, 37BA Sam-Sal
 Dm: 37BA Sam-Sal

Rubus idaeus (1683)

Dg: 32 QUE-FAG, 32AA Aln inc, 32AAA Aln-enion glu-inc, 32AD Fag, 32ADA Eu-Fag-enion, 37 EPI ANG
 C: 03 THL ROT, 06 MUL-ACO, 06AB Dry-Ath, 28 BET-ALN, 28AA Sal sil, 32 QUE-FAG, 32AAA Aln-enion glu-inc, 32ADB Ace-enion, 32ADD Gal-Abi-enion, 34 ERI-PIN, 37 EPI ANG, 37AA Car-Epi, 37AB Atr bel, 37AC Rum-Ave, 37BA Sam-Sal
 Dm: 37 EPI ANG, 37BA Sam-Sal

Rumex acetosa (3414)

Dg: 21 MOL-ARR, 21AA Arr, 21BA Alo pra, 21BB Cal, 21BBA Cal-enion, 21BE Mol
 C: 21 MOL-ARR, 21AA Arr, 21AB Pol-Tri, 21AC Cyn, 21ACA Lol-Cyn-enion, 21BA Alo pra, 21BB Cal, 21BBA Cal-enion, 21BE Mol, 22 NAR-CAL, 22AB Vio can, 22AD Nar-Agr

Rumex acetosella (946)

Dg: 25 SED-SCL, 25AC Hyp-Scl, 25AD Pla-Fes
 C: 01BA And van, 22BB Eup-Cal, 23 KOE-COR, 23AA Cor can, 24 FES VAG, 24AA Koe gla, 25 SED-SCL, 25AA The-Air, 25AB Ara tha, 25AC Hyp-Scl, 25AD Pla-Fes, 26AEB Cor-Fes-enion

Rumex alpinus (5)

Dg: 41CD Rum alp
 C: 41CD Rum alp
 Dm: 41CD Rum alp

Rumex aquaticus (93)

Dg: 13DA Pha aru

Rumex arifolius

Dg: 06 MUL-ACO, 06AA Ade, 06AB Dry-Ath, 06BA Cal vil
 C: 06 MUL-ACO, 06AA Ade, 06BC Poo-Des, 28 BET-ALN, 28AA Sal sil, 41CD Rum alp

Rumex crispus (716)

Dg: 44 SEC
 C: 21BC Cni ven, 44 SEC, 44AB She, 44AC Ver-Tar

Rumex maritimus (189)

Dg: 12 ISO-NAN, 12AA Ele ova, 38 BID TRI, 38AA Bid tri
 C: 12 ISO-NAN, 38 BID TRI
 Dm: 38 BID TRI, 38AA Bid tri

Rumex obtusifolius (769)

Dg: 41 GAL-URT
 C: 30 SAL PUR

Rumex sanguineus (94)

Dg: 32AA Aln inc, 32AAB Ulm-enion

Sagittaria sagittifolia (142)

Dg: 13CA Oen aqu
 C: 08BC Cha fra
 Dm: 13CA Oen aqu

Salicornia prostrata (6)

Dg: 15 THE-SUA, 15AA The-Sua, 16 THE-SAL, 16AA The-Sal
 C: 15 THE-SUA, 16 THE-SAL, 16AA The-Sal
 Dm: 16 THE-SAL, 16AA The-Sal

Salix alba (41)

Dg: 30 SAL PUR, 30AC Sal alb
 C: 30 SAL PUR, 30AC Sal alb
 Dm: 30 SAL PUR, 30AC Sal alb, 41AA Sen flu

Salix aurita (57)

Dm: 31BA Sal cin

Salix caprea (88)

Dg: 37BA Sam-Sal
 Dm: 37BA Sam-Sal

Salix cinerea (72)

Dg: 31 ALN GLU, 31BA Sal cin
 C: 31BA Sal cin
 Dm: 31 ALN GLU, 31BA Sal cin

Salix elaeagnos (2)

Dg: 30 SAL PUR, 30AA Sal tri

Salix fragilis (87)

Dg: 30 SAL PUR, 30AC Sal alb
 C: 30 SAL PUR, 30AC Sal alb
 Dm: 30 SAL PUR, 30AC Sal alb

Salix lapponum (5)

Dg: 06AA Ade
 Dm: 06AA Ade

Salix pentandra (12)

Dm: 31BA Sal cin

Salix purpurea (34)

Dg: 30 SAL PUR, 30AA Sal tri, 30AC Sal alb
 C: 30AA Sal tri

Salix silesiaca (21)

Dg: 28 BET-ALN, 28AA Sal sil
 C: 28 BET-ALN, 28AA Sal sil
 Dm: 28 BET-ALN, 28AA Sal sil

Salix triandra (22)

Dg: 30 SAL PUR, 30AA Sal tri
 C: 30AA Sal tri
 Dm: 30 SAL PUR, 30AA Sal tri

Salix viminalis (19)

Dg: 30 SAL PUR, 30AA Sal tri
 C: 30AA Sal tri
 Dm: 30AA Sal tri

Salsola kali* ssp. *rosacea

Dg: 39CB Sal rut
 C: 39CB Sal rut

Salvia nemorosa (159)

Dg: 26 FES-BRO, 26AE Fes val, 26AEA Fes-enion val

Salvia pratensis (922)

Dg: 26 FES-BRO, 26AE Fes val, 26BA Bro ere
 C: 26 FES-BRO, 26BA Bro ere, 27 TRI-GER, 27AA Ger san

Salvia verticillata (305)

Dg: 26 FES-BRO, 26BA Bro ere

Sambucus nigra (478)

Dg: 32 QUE-FAG, 32AA Aln inc, 32AAA Aln-enion glu-inc
 C: 30 SAL PUR, 36 ROB, 36AA Che-Rob
 Dm: 36 ROB, 37BA Sam-Sal

Sambucus racemosa (283)

Dg: 32 QUE-FAG

Sanguisorba minor (1226)

Dg: 26 FES-BRO, 26BA Bro ere
 C: 26 FES-BRO, 26AC Ses-Fes, 26ACA Poo-Teu-enion, 26ACB Ses-Fes-enion, 26ACC Cyn-Ses-enion, 26AEB Cor-Fes-enion, 26BA Bro ere

Sanguisorba officinalis (2229)

Dg: 21 MOL-ARR, 21BA Alo pra, 21BB Cal, 21BBA Cal-enion, 21BE Mol
 C: 19AB Car dav, 21 MOL-ARR, 21BA Alo pra, 21BB Cal, 21BBA Cal-enion, 21BE Mol
 Dm: 21BA Alo pra

Sanicula europaea (499)

Dg: 32 QUE-FAG, 32AB Carp, 32AD Fag, 32ADA Eu-Fag-enion

Saxifraga granulata (271)

Dg: 21 MOL-ARR, 21AA Arr

Saxifraga paniculata (26)

Dg: 26AC Ses-Fes, 26ACB Ses-Fes-enion, 26ACC Cyn-Ses-enion

Saxifraga rosacea* ssp. *sponhemica (9)

Dg: 03 THL ROT
 Dm: 03 THL ROT

Scabiosa canescens (250)

Dg: 26 FES-BRO, 26AE Fes val, 26BA Bro ere

Scabiosa lucida (4)

Dg: 01CA Agr alp
 C: 01CA Agr alp

- Scabiosa ochroleuca*** (944)
Dg: 26 FES-BRO, 26AE Fes val, 26AEA Fes-enion val, 26BA Bro ere
C: 26 FES-BRO, 26BA Bro ere
- Scapania uliginosa*** (9)
Dg: 18AC Swe-Ani
- Scheuchzeria palustris*** (5)
Dg: 19BD Leu-Sch
- Schoenoplectus tabernaemontani*** (17)
Dg: 13BA Sci mar
Dm: 13BA Sci mar
- Schoenus ferrugineus*** (9)
Dg: 19AB Car dav
- Scirpus sylvaticus*** (1794)
Dg: 21 MOL-ARR, 21BB Cal, 21BBA Cal-enion, 21BBB Fil-enion
C: 21 MOL-ARR, 21BB Cal, 21BBA Cal-enion, 21BBB Fil-enion, 31 ALN GLU
Dm: 21 MOL-ARR, 21BB Cal, 21BBA Cal-enion
- Scleranthus annuus*** (243)
Dg: 44 SEC, 44AB She, 44BA Aph
C: 44AB She
- Scleranthus perennis*** (256)
Dg: 25 SED-SCL, 25AB Ara tha, 25AC Hyp-Scl
C: 25 SED-SCL, 25AB Ara tha, 25AC Hyp-Scl
- Sclerochloa dura*** (68)
Dg: 43 PLA MAJ, 43BA Pol avi
- Scorpidium scorpioides*** (14)
Dg: 19AD Car dem
- Scorzonera cana*** (28)
Dg: 26AEC Ast-Ach-enion
- Scorzonera hispanica*** (50)
Dg: 26BA Bro ere
- Scorzonera humilis*** (189)
Dg: 21BE Mol
- Scorzonera parviflora*** (10)
Dg: 17 FES-PUC, 17AA Sco-Jun
C: 17AA Sco-Jun
Dm: 17 FES-PUC, 17AA Sco-Jun
- Scrophularia nodosa*** (1016)
Dg: 32 QUE-FAG, 32AB Carp, 32AD Fag, 32ADA Eu-Fag-enion
C: 30AA Sal tri, 37AB Atr bel
- Scutellaria hastifolia*** (22)
Dg: 21BC Cni ven
- Securigera varia*** (1213)
Dg: 26 FES-BRO, 26BA Bro ere
C: 26 FES-BRO, 26AEB Cor-Fes-enion, 26BA Bro ere, 27 TRI-GER, 27AA Ger san, 27AB Tri med, 32BA Que pub
- Sedum acre*** (338)
Dg: 25 SED-SCL, 25BA Aly-Sed, 26 FES-BRO
C: 25BA Aly-Sed, 26ACA Poo-Teu-enion
- Sedum album*** (412)
Dg: 25BA Aly-Sed, 26 FES-BRO, 26AA Aly-Fes, 26AAA Aly-Fes-enion, 26AB Hel-Fes, 26AC Ses-Fes
C: 03 THL ROT, 03BA Sti cal, 25BA Aly-Sed, 26AA Aly-Fes, 26AAA Aly-Fes-enion, 26AAB Pot-Fes-enion, 26AB Hel-Fes, 26AC Ses-Fes, 26ACA Poo-Teu-enion, 26ACB Ses-Fes-enion
Dm: 25BA Aly-Sed
- Sedum alpestre*** (3)
Dg: 01CA Agr alp
- Sedum reflexum*** (224)
Dg: 26AA Aly-Fes
- Sedum sexangulare*** (445)
Dg: 25 SED-SCL, 26 FES-BRO
Dm: 03 THL ROT
- Selaginella selaginoides*** (6)
Dg: 01CA Agr alp, 18AC Swe-Ani
- Selinum carvifolia*** (335)
Dg: 21BE Mol
- Senecio jacobaea*** (256)
Dg: 21ACB Pol-Cyn-enion
C: 21ACB Pol-Cyn-enion
- Senecio nemorensis* agg.** (2183)
Dg: 32 QUE-FAG, 32AA Aln inc, 32AAA Aln-enion glu-inc, 32AC Til-Ace, 32AD Fag, 32ADA Eu-Fag-enion
C: 06 MUL-ACO, 06AA Ade, 06AB Dry-Ath, 06BB Cal aru, 28 BET-ALN, 28AA Sal sil, 32 QUE-FAG, 32AA Aln inc, 32AAA Aln-enion glu-inc, 32AC Til-Ace, 32AD Fag, 32ADA Eu-Fag-enion, 32ADB Ace-enion, 32ADC Cep-Fag-enion, 32ADD Gal-Abi-enion, 32AE Luz-Fag, 37 EPI ANG, 37AB Atr bel, 37BA Sam-Sal
Dm: 37BA Sam-Sal

- Senecio sarracenicus*** (7)
Dg: 41AA *Sen flu*
Dm: 41AA *Sen flu*
- Senecio sylvaticus*** (86)
Dg: 37 *EPI ANG*, 37AA *Car-Epi*
C: 37AA *Car-Epi*, 37AB *Atr bel*
- Senecio viscosus*** (105)
C: 34 *ERI-PIN*, 39CB *Sal rut*
- Senecio vulgaris*** (125)
Dg: 39 *CHE*, 39BA *Fum-Eup*
- Serratula tinctoria*** (266)
Dg: 21BC *Cni ven*
C: 21BC *Cni ven*
- Seseli hippomarathrum*** (302)
Dg: 26 *FES-BRO*, 26AE *Fes val*, 26AEA *Fes-enion val*
C: 26AD *Asp-Arm*
- Seseli osseum*** (468)
Dg: 26 *FES-BRO*, 26AA *Aly-Fes*, 26AAA *Aly-Fes-enion*, 26AAB *Pot-Fes-enion*, 26AC *Ses-Fes*, 26ACB *Ses-Fes-enion*, 26ACC *Cyn-Ses-enion*
C: 26AA *Aly-Fes*, 26AAA *Aly-Fes-enion*, 26AAB *Pot-Fes-enion*, 26AB *Hel-Fes*, 26AC *Ses-Fes*, 26ACA *Poo-Teu-enion*, 26ACB *Ses-Fes-enion*, 26ACC *Cyn-Ses-enion*
- Sesleria caerulea*** (213)
Dg: 26 *FES-BRO*, 26AC *Ses-Fes*, 26ACB *Ses-Fes-enion*, 26ACC *Cyn-Ses-enion*
C: 26AC *Ses-Fes*, 26ACB *Ses-Fes-enion*, 26ACC *Cyn-Ses-enion*, 34 *ERI-PIN*
Dm: 26AC *Ses-Fes*, 26ACB *Ses-Fes-enion*, 26ACC *Cyn-Ses-enion*, 26AD *Asp-Arm*, 34 *ERI-PIN*, 34AA *Eri-Pin*
- Setaria pumila*** (68)
Dg: 39BC *Pan-Set*
- Setaria verticillata*** (20)
Dg: 39AD *Sis off*, 39CA *Era*
- Setaria viridis*** (132)
C: 39CA *Era*
- Sherardia arvensis*** (197)
Dg: 44 *SEC*, 44AA *Cau lap*, 44AB *She*
C: 44AB *She*
- Silene dioica*** (392)
Dg: 21AB *Pol-Tri*, 22AD *Nar-Agr*
C: 21AB *Pol-Tri*, 41CD *Rum alp*
- Silene latifolia ssp. alba*** (285)
C: 44AC *Ver-Tar*
- Silene nemoralis*** (22)
Dg: 32BA *Que pub*
- Silene noctiflora*** (357)
Dg: 44 *SEC*, 44AA *Cau lap*
C: 44 *SEC*, 44AA *Cau lap*
- Silene nutans*** (426)
Dg: 32BC *Que pet*
C: 32BC *Que pet*
- Silene otites*** (307)
Dg: 26 *FES-BRO*, 26AE *Fes val*, 26AEA *Fes-enion val*
- Silene vulgaris*** (574)
Dg: 22AD *Nar-Agr*
C: 01AC *Asp ser*, 06BB *Cal aru*, 22AD *Nar-Agr*, 34 *ERI-PIN*
- Sinapis arvensis*** (405)
Dg: 44 *SEC*, 44AA *Cau lap*, 44AC *Ver-Tar*
C: 44 *SEC*, 44AA *Cau lap*, 44AC *Ver-Tar*
- Sisymbrium loeselii*** (55)
Dg: 39AD *Sis off*
Dm: 39AD *Sis off*
- Sisymbrium orientale*** (15)
Dg: 40AA *Ono aca*
- Solanum dulcamara*** (346)
Dg: 31 *ALN GLU*, 31AA *Aln glu*
C: 31 *ALN GLU*, 31AA *Aln glu*
- Solanum nigrum*** (78)
Dg: 39 *CHE*
- Soldanella montana*** (103)
Dg: 32ADD *Gal-Abi-enion*
C: 32ADD *Gal-Abi-enion*
- Solidago canadensis*** (106)
Dm: 40AB *Dau-Mel*
- Solidago gigantea*** (43)
Dg: 41 *GAL-URT*
- Solidago virgaurea*** (619)
C: 04 *JUN TRI*, 04AB *Nar-Car*, 05 *SAL HER*, 05AA *Sal her*, 06BB *Cal aru*, 22AA *Nar*, 28 *BET-ALN*

- Sonchus arvensis*** (363)
Dg: 39 CHE, 39BA Fum-Eup, 44 SEC, 44AA Cau lap, 44BA Aph
C: 44 SEC, 44AB She
- Sonchus asper*** (355)
Dg: 44 SEC, 44AA Cau lap
C: 44 SEC, 44AB She
- Sonchus oleraceus*** (372)
Dg: 39 CHE, 39AD Sis off, 44 SEC
C: 39 CHE, 39AD Sis off, 39BB Spe-Oxa
- Sorbus aria* agg.** (69)
Dg: 26ACC Cyn-Ses-enion
- Sorbus aucuparia*** (890)
Dg: 32 QUE-FAG
C: 28 BET-ALN, 28AA Sal sil, 32ADD Gal-Abi-enion, 33 QUE ROB, 35BA Ath-Pic
Dm: 28 BET-ALN, 28AA Sal sil
- Sorbus domestica*** (6)
Dg: 32BB Ace-Que
- Sorbus sudetica*** (6)
Dm: 06BB Cal aru
- Sorbus torminalis*** (174)
Dg: 32BA Que pub
- Sparganium emersum*** (241)
Dg: 13CA Oen aqu
Dm: 13CA Oen aqu
- Sparganium erectum*** (246)
Dg: 13 PHR-MAG, 13AA Phr com
Dm: 13 PHR-MAG, 13AA Phr com
- Sparganium natans*** (3)
Dg: 11 UTR, 11AA Sph-Utr
C: 11 UTR, 11AA Sph-Utr
Dm: 11 UTR, 11AA Sph-Utr
- Spergula arvensis*** (155)
Dg: 39BB Spe-Oxa, 44 SEC, 44AB She, 44BA Aph
- Spergula morisonii*** (42)
Dg: 23 KOE-COR, 23AA Cor can
C: 23 KOE-COR, 23AA Cor can
- Spergularia echinosperma*** (4)
Dg: 12AA Ele ova
- Spergularia maritima*** (12)
Dg: 16 THE-SAL, 16AA The-Sal, 17 FES-PUC, 17BA Puc lim
- C: 15 THE-SUA, 16 THE-SAL, 16AA The-Sal, 17 FES-PUC, 17BA Puc lim
- Spergularia rubra*** (63)
Dg: 12 ISO-NAN
- Spergularia salina*** (25)
Dg: 14 CRY ACU, 14AA Cyp-Spe, 17 FES-PUC, 17BA Puc lim
C: 14 CRY ACU, 14AA Cyp-Spe, 17 FES-PUC, 17BA Puc lim
- Sphagnum capillifolium* agg.** (221)
Dg: 20 OXY-SPH, 20AB Sph med
C: 20 OXY-SPH
Dm: 20 OXY-SPH, 20AA Oxy-Emp, 20AB Sph med, 22AC Nar-Jun
- Sphagnum compactum*** (18)
Dg: 20AA Oxy-Emp
Dm: 20AA Oxy-Emp
- Sphagnum contortum*** (94)
Dg: 19 SCH-CAR, 19AD Car dem, 19AF Sph-Tom
C: 19AD Car dem
Dm: 19BB Rhy alb
- Sphagnum cuspidatum*** (82)
Dg: 19BD Leu-Sch
C: 19BD Leu-Sch
Dm: 19BB Rhy alb, 19BD Leu-Sch, 20AA Oxy-Emp, 22AC Nar-Jun
- Sphagnum fuscum*** (29)
Dg: 20 OXY-SPH, 20AB Sph med
- Sphagnum girgensohnii*** (260)
Dg: 35 VAC-PIC, 35AB Pic exc
Dm: 22AC Nar-Jun, 37AC Rum-Ave
- Sphagnum lindbergii*** (4)
Dm: 19BD Leu-Sch
- Sphagnum magellanicum*** (143)
Dg: 20 OXY-SPH, 20AB Sph med
C: 20 OXY-SPH, 20AB Sph med
Dm: 20 OXY-SPH, 20AB Sph med, 20BA Oxy-Eri
- Sphagnum majus*** (19)
Dg: 19AE Dre exa, 19BD Leu-Sch
Dm: 19BB Rhy alb
- Sphagnum obtusum*** (16)
Dg: 19BA Eri gra
Dm: 19BA Eri gra

Sphagnum palustre (173)

Dg: 19 SCH-CAR
 C: 05 SAL HER, 05AA Sal her
 Dm: 19BA Eri gra, 19BB Rhy alb

Sphagnum papillosum (30)

Dm: 20BA Oxy-Eri, 22AC Nar-Jun

Sphagnum recurvum agg. (417)

Dg: 19 SCH-CAR, 19BC Sph-Car, 20 OXY-SPH,
 20AB Sph med
 C: 05 SAL HER, 05AA Sal her, 19BC Sph-Car, 20
 OXY-SPH, 20AB Sph med, 35AD Bet pub
 Dm: 19 SCH-CAR, 19AA Car fus, 19AC Car las,
 19BA Eri gra, 19BB Rhy alb, 19BC Sph-Car,
 19BD Leu-Sch, 20 OXY-SPH, 20AB Sph med,
 22AC Nar-Jun, 31BA Sal cin, 35 VAC-PIC, 35AA
 Dic-Pin, 35AB Pic
 exc, 35AD Bet pub)

Sphagnum russowii (101)

Dg: 20 OXY-SPH, 20AA Oxy-Emp, 20AB Sph med
 C: 20AA Oxy-Emp
 Dm: 20 OXY-SPH, 20AA Oxy-Emp, 20AB Sph med

Sphagnum subsecundum (61)

Dg: 19 SCH-CAR, 19BB Rhy alb
 C: 19BB Rhy alb
 Dm: 19BA Eri gra, 19BB Rhy alb

Sphagnum tenellum (20)

Dg: 20 OXY-SPH

Sphagnum teres (95)

Dm: 19AC Car las

Sphagnum warnstorffii (74)

Dg: 19 SCH-CAR, 19AD Car dem, 19AF Sph-Tom
 C: 19AF Sph-Tom
 Dm: 19AF Sph-Tom

Spiraea salicifolia (15)

Dm: 31BA Sal cin

Spirodela polyrhiza (590)

Dg: 07 LEM, 07AA Lem min, 09 POT
 C: 07 LEM, 07AA Lem min, 07CA Hyd
 Dm: 07 LEM, 07AA Lem min

Stachys annua (65)

Dg: 44 SEC, 44AA Cau lap

Stachys palustris (270)

Dg: 44 SEC

Stachys recta (464)

Dg: 26 FES-BRO, 26AA Aly-Fes, 26AE Fes val,
 26AEA Fes-enion val

Stachys sylvatica (862)

Dg: 32 QUE-FAG, 32AA Aln inc, 32AAA Aln-enion
 glu-inc
 C: 32AA Aln inc, 32AAA Aln-enion glu-inc, 32AAB
 Ulm-enion

Stellaria graminea (1133)

Dg: 21 MOL-ARR, 21AA Arr

Stellaria holostea (841)

Dg: 32 QUE-FAG, 32AB Carp
 C: 32AB Carp

Stellaria media agg. (1233)

Dg: 39 CHE, 39BA Fum-Eup, 44 SEC, 44AA Cau
 lap, 44AB She, 44BA Aph
 C: 39 CHE, 39BA Fum-Eup, 39BB Spe-Oxa, 39BC
 Pan-Set, 44 SEC, 44AA Cau lap, 44AB She,
 44AC Ver-Tar, 44BA Aph
 Dm: 39BA Fum-Eup

Stellaria nemorum (757)

Dg: 32 QUE-FAG, 32AA Aln inc, 32AAA Aln-enion
 glu-inc
 C: 06 MUL-ACO, 06AA Ade, 06AB Dry-Ath, 18
 MON-CAR, 32ADB Ace-enion, 35BA Ath-Pic,
 41BA Pet off
 Dm: 06AA Ade, 32ADB Ace-enion

Stellaria palustris (138)

C: 12AB Rad lin

Stipa capillata (350)

Dg: 26 FES-BRO, 26AE Fes val, 26AEA Fes-enion
 val
 C: 26AEA Fes-enion val
 Dm: 26AE Fes val, 26AEA Fes-enion val

Stipa pennata (193)

Dg: 26 FES-BRO, 26AE Fes val, 26AEA Fes-enion
 val

Stipa pulcherrima (73)

Dg: 26AE Fes val

Stratiotes aloides (14)

Dg: 07CA Hyd

Streptopus amplexifolius (78)

Dg: 35BA Ath-Pic
 C: 35BA Ath-Pic

- Suaeda prostrata*** (4)
Dg: 15 THE-SUA, 15AA The-Sua
C: 15 THE-SUA, 15AA The-Sua
Dm: 15 THE-SUA, 15AA The-Sua
- Succisa pratensis*** (715)
Dg: 19AB Car dav, 21 MOL-ARR, 21BE Mol
C: 19AB Car dav, 19AF Sph-Tom, 21BE Mol
- Swertia perennis*** (28)
Dg: 01CA Agr alp, 18AC Swe-Ani
C: 01CA Agr alp, 18AC Swe-Ani
- Symphytum officinale*** agg. (788)
C: 21BC Cni ven, 21BD Ver-Lys, 30 SAL PUR
- Symphytum tuberosum*** (270)
Dg: 32 QUE-FAG, 32AB Carp
- Taraxacum bessarabicum*** (11)
Dg: 17 FES-PUC, 17BA Puc lim
C: 17 FES-PUC, 17BA Puc lim
- Taraxacum* sect. *Ruderalia*** (3407)
Dg: 21 MOL-ARR, 21AA Arr, 39 CHE
C: 02 PAR, 02AA Cen-Par, 21 MOL-ARR, 21AA Arr, 21AB Pol-Tri, 21AC Cyn, 21ACA Lol-Cyn-enion, 21BA Alo pra, 21BC Cni ven, 37AB Atr bel, 39 CHE, 39AA Che gla, 39AB Mal neg, 39AC Bro-Hor, 39BA Fum-Eup, 39BB Spe-Oxa, 39BC Pan-Set, 39CA Era, 40 ART VUL, 40AB Dau-Mel, 41 GAL-URT, 41CB Arc lap, 41CC Aeg pod, 42 AGR REP, 43 PLA MAJ, 43AAA Ran-Rum-enion, 43BA Pol avi, 44 SEC, 44AA Cau lap, 44AC Ver-Tar, 44BA Aph
- Tephrosia integrifolia*** (17)
Dg: 26ACB Ses-Fes-enion
- Tetragonolobus maritimus*** (144)
Dg: 26BA Bro ere
- Tetraphis pellucida*** (102)
Dg: 35 VAC-PIC, 35AB Pic exc
- Teucrium botrys*** (33)
Dg: 03 THL ROT, 03BA Sti cal
C: 03 THL ROT, 03BA Sti cal
- Teucrium chamaedrys*** (698)
Dg: 26 FES-BRO, 26AE Fes val, 26AEA Fes-enion val
C: 27 TRI-GER, 27AA Ger san, 32BA Que pub, 34 ERI-PIN
- Teucrium montanum*** (13)
Dg: 26ACB Ses-Fes-enion
- Thalictrum flavum*** (26)
Dg: 21BD Ver-Lys
C: 21BD Ver-Lys
- Thamnobryum alopecurum*** (8)
Dg: 01 ASP TRI, 01AB Cys
Dm: 01 ASP TRI, 01AB Cys
- Thamnotia vermicularis*** (7)
Dg: 04 JUN TRI, 04AA Jun tri, 04AB Nar-Car
- Thelypteris palustris*** (20)
Dg: 31 ALN GLU, 31AA Aln glu
- Thesium alpinum*** (27)
Dg: 06BB Cal aru
- Thesium linophyllum*** (143)
Dg: 26 FES-BRO, 26BA Bro ere
- Thlaspi arvense*** (698)
Dg: 39 CHE, 39BA Fum-Eup, 44 SEC, 44AA Cau lap, 44AB She, 44BA Aph
C: 39 CHE, 39BA Fum-Eup, 39BB Spe-Oxa, 44 SEC, 44AA Cau lap, 44AB She, 44AC Ver-Tar, 44BA Aph
- Thlaspi caerulescens*** (91)
Dg: 21AA Arr
- Thlaspi montanum*** (28)
Dg: 34 ERI-PIN, 34AA Eri-Pin
C: 34 ERI-PIN
- Thymus alpestris*** (7)
Dg: 01CA Agr alp
- Thymus glabrescens*** (158)
Dg: 26 FES-BRO, 26AE Fes val, 26AEA Fes-enion val
- Thymus pannonicus*** (368)
Dg: 26 FES-BRO, 26AE Fes val, 26AEA Fes-enion val, 26AEC Ast-Ach-enion
C: 26AEC Ast-Ach-enion
- Thymus praecox*** (671)
Dg: 26 FES-BRO, 26AE Fes val, 26AEA Fes-enion val, 26BA Bro ere
C: 22BB Eup-Cal, 26AAB Pot-Fes-enion, 26AB Hel-Fes, 26ACA Poo-Teu-enion, 26ACB Ses-Fes-enion, 26AD Asp-Arm, 34 ERI-PIN, 34AA Eri-Pin
- Thymus pulegioides***
Dg: 26 FES-BRO
C: 21ACB Pol-Cyn-enion, 25 SED-SCL, 25AC Hyp-Scl, 26AEB Cor-Fes-enion, 26BB Koe-Phl

- Thymus pulcherrimus* ssp. *sudeticus* (4)**
Dg: 01CA *Agr alp*, 06BB *Cal aru*
- Thymus serpyllum* (113)**
Dg: 25 *SED-SCL*, 25AD *Pla-Fes*
C: 24 *FES VAG*, 25AD *Pla-Fes*
- Tilia cordata* (947)**
Dg: 32 *QUE-FAG*, 32AB *Carp*
C: 32AAB *Ulm-enion*, 32AB *Carp*
Dm: 32AB *Carp*
- Tilia platyphyllos* (273)**
Dg: 32 *QUE-FAG*, 32AC *Til-Ace*
- Tillaea aquatica* (10)**
Dg: 12 *ISO-NAN*
- Tortella inclinata* (24)**
Dg: 26ACA *Poo-Teu-enion*
Dm: 25BA *Aly-Sed*
- Tortella tortuosa* (86)**
Dg: 26AC *Ses-Fes*, 26ACB *Ses-Fes-enion*, 26ACC *Cyn-Ses-enion*
C: 26ACB *Ses-Fes-enion*
- Tortula muralis* (16)**
Dg: 01AA *Pot cau*, 02 *PAR*, 02AA *Cen-Par*
C: 02 *PAR*, 02AA *Cen-Par*
- Tortula ruralis* (180)**
Dg: 25BA *Aly-Sed*
C: 26ACA *Poo-Teu-enion*
- Tragopogon orientalis* (250)**
Dg: 21AA *Arr*
- Trichophorum alpinum* (57)**
Dg: 19 *SCH-CAR*, 19AD *Car dem*
C: 19AD *Car dem*
- Trichophorum cespitosum* (39)**
Dg: 19AE *Dre exa*, 20 *OXY-SPH*, 20AA *Oxy-Emp*
C: 19AE *Dre exa*, 20AA *Oxy-Emp*
Dm: 20AA *Oxy-Emp*
- Trientalis europaea* (383)**
Dg: 06 *MUL-ACO*, 35 *VAC-PIC*, 35AB *Pic exc*, 35BA *Ath-Pic*
C: 05 *SAL HER*, 05AA *Sal her*, 06BA *Cal vil*, 28 *BET-ALN*, 35 *VAC-PIC*, 35AC *Pin mug*, 35BA *Ath-Pic*
- Trifolium alpestre* (467)**
Dg: 32BC *Que pet*
C: 26AEB *Cor-Fes-enion*
- Trifolium arvense* (472)**
Dg: 25 *SED-SCL*, 26 *FES-BRO*, 26AE *Fes val*
C: 25 *SED-SCL*, 25AD *Pla-Fes*, 26AEB *Cor-Fes-enion*, 39CB *Sal rut*
- Trifolium dubium* (529)**
Dg: 21 *MOL-ARR*, 21AA *Arr*
- Trifolium fragiferum* (62)**
Dg: 17AA *Sco-Jun*, 43 *PLA MAJ*, 43AA *Agr-Rum*, 43AAA *Ran-Rum-enion*, 43AAB *Lot-Tri-enion*
C: 17 *FES-PUC*, 17AA *Sco-Jun*
- Trifolium hybridum* (530)**
Dg: 21 *MOL-ARR*
Dm: 12 *ISO-NAN*, 12AA *Ele ova*
- Trifolium medium* (349)**
C: 27AB *Tri med*
Dm: 27AB *Tri med*
- Trifolium montanum* (396)**
Dg: 26 *FES-BRO*, 26BA *Bro ere*
- Trifolium ochroleucon* (35)**
Dg: 21ACB *Pol-Cyn-enion*
- Trifolium pratense* (1726)**
Dg: 21 *MOL-ARR*, 21AA *Arr*, 21AC *Cyn*
C: 21 *MOL-ARR*, 21AA *Arr*, 21AC *Cyn*, 21ACA *Lol-Cyn-enion*, 21ACB *Pol-Cyn-enion*, 21BC *Cni ven*
- Trifolium repens* (1947)**
Dg: 21 *MOL-ARR*, 21AA *Arr*
C: 21 *MOL-ARR*, 21AA *Arr*, 21AB *Pol-Tri*, 21AC *Cyn*, 21ACA *Lol-Cyn-enion*, 21ACB *Pol-Cyn-enion*, 39BB *Spe-Oxa*, 43 *PLA MAJ*
Dm: 21ACA *Lol-Cyn-enion*
- Triglochin palustre* (62)**
Dg: 19 *SCH-CAR*, 19AB *Car dav*, 19AD *Car dem*
- Tripleurospermum inodorum* (1210)**
Dg: 39 *CHE*, 39BA *Fum-Eup*, 44 *SEC*, 44AA *Cau lap*, 44BA *Aph*
C: 38 *BID TRI*, 39 *CHE*, 39AC *Bro-Hor*, 39AD *Sis off*, 39BA *Fum-Eup*, 39BB *Spe-Oxa*, 39BC *Pan-Set*, 39CA *Era*, 40 *ART VUL*, 40AB *Dau-Mel*, 44 *SEC*, 44AA *Cau lap*, 44AB *She*, 44AC *Ver-Tar*, 44BA *Aph*
- Trisetum flavescens* (1298)**
Dg: 21 *MOL-ARR*, 21AA *Arr*
C: 21 *MOL-ARR*, 21AA *Arr*, 21AB *Pol-Tri*, 21ACA *Lol-Cyn-enion*

- Trollius altissimus*** (320)
Dg: 21 MOL-ARR
- Tussilago farfara*** (481)
C: 40 ART VUL, 42 AGR REP
Dm: 40 ART VUL, 40AB Dau-Mel, 42 AGR REP,
42AA Con-Agr
- Typha angustifolia*** (135)
Dg: 13AA Phr com
Dm: 13AA Phr com
- Typha latifolia*** (278)
Dg: 13 PHR-MAG, 13AA Phr com
Dm: 13AA Phr com
- Ulmus glabra*** (353)
Dg: 32 QUE-FAG, 32AC Til-Ace
- Ulmus laevis*** (28)
Dg: 32AAB Ulm-enion
- Ulmus minor*** (115)
Dg: 32AAB Ulm-enion
- Urtica dioica*** (3056)
Dg: 32 QUE-FAG, 32AA Aln inc, 32AAA Aln-enion
glu-inc, 32AC Til-Ace, 41 GAL-URT
C: 02 PAR, 13DA Pha aru, 21BD Ver-Lys, 30 SAL
PUR, 30AA Sal tri, 30AC Sal alb, 31 ALN GLU,
31AA Aln glu, 31BA Sal cin, 32 QUE-FAG, 32AA
Aln inc, 32AAA Aln-enion glu-inc, 32AAB Ulm-
enion, 32AC Til-Ace, 32ADB Ace-enion, 36 ROB,
36AA Che-Rob, 37 EPI ANG, 37AB Atr bel,
37BA Sam-Sal, 39AB Mal neg, 41 GAL-URT,
41AA Sen flu, 41BA Pet off, 41CA Gal-All, 41CB
Arc lap, 41CC Aeg pod
Dm: 13DA Pha aru, 30 SAL PUR, 30AA Sal tri,
30AC Sal alb, 32AA Aln inc, 37BA Sam-Sal, 41
GAL-URT, 41AA Sen flu, 41CA Gal-All, 41CB
Arc lap, 41CC Aeg pod
- Urtica urens*** (25)
Dg: 39AB Mal neg
C: 39AB Mal neg
Dm: 39AB Mal neg
- Utricularia australis*** (154)
Dg: 07 LEM, 07BA Utr vul
C: 07BA Utr vul, 11 UTR, 11AA Sph-Utr
Dm: 07 LEM, 07BA Utr vul
- Utricularia minor*** (25)
Dg: 19AD Car dem, 19BB Rhy alb
- Utricularia vulgaris*** (16)
Dm: 07BA Utr vul
- Vaccinium myrtillus*** (1956)
Dg: 22 NAR-CAL, 32AE Luz-Fag, 33 QUE ROB,
33AA Gen-Que, 35 VAC-PIC, 35AA Dic-Pin,
35AB Pic exc
C: 04 JUN TRI, 04AA Jun tri, 04AB Nar-Car, 05
SAL HER, 05AA Sal her, 06 MUL-ACO, 06BA
Cal vil, 06BB Cal aru, 20 OXY-SPH, 20AA Oxy-
Emp, 20AB Sph med, 22 NAR-CAL, 22AA Nar,
22AD Nar-Agr, 22BA Gen, 22BC Vac, 28 BET-
ALN, 28AA Sal sil, 32ADD Gal-Abi-enion, 32AE
Luz-Fag, 33 QUE ROB, 33AA Gen-Que, 35 VAC-
PIC, 35AA Dic-Pin, 35AB Pic exc, 35AC Pin
mug, 35AD Bet pub, 35BA Ath-Pic, 37 EPI ANG,
37AC Rum-Ave
Dm: 06BA Cal vil, 20 OXY-SPH, 20AB Sph med, 22
NAR-CAL, 22BA Gen, 22BC Vac, 33 QUE ROB,
33AA Gen-Que, 35 VAC-PIC, 35AA Dic-Pin,
35AC Pin mug, 35AD Bet pub
- Vaccinium uliginosum*** (298)
Dg: 20 OXY-SPH, 20AA Oxy-Emp, 20AB Sph med
C: 20 OXY-SPH, 20AA Oxy-Emp, 20AB Sph med
Dm: 20AA Oxy-Emp, 22BA Gen
- Vaccinium vitis-idaea*** (585)
Dg: 20 OXY-SPH, 20AB Sph med, 22 NAR-CAL,
22BA Gen, 35 VAC-PIC, 35AA Dic-Pin, 35AB
Pic exc
C: 01CA Agr alp, 04 JUN TRI, 20 OXY-SPH, 20AA
Oxy-Emp, 20AB Sph med, 22BA Gen, 22BC Vac,
35 VAC-PIC, 35AA Dic-Pin, 35AC Pin mug,
35AD Bet pub
Dm: 22BC Vac
- Valeriana dioica*** (967)
Dg: 19 SCH-CAR, 19AA Car fus, 19AB Car dav, 21
MOL-ARR, 21BB Cal, 21BBA Cal-enion
C: 19 SCH-CAR, 19AA Car fus, 19AB Car dav,
19AD Car dem, 19AF Sph-Tom, 19BA Eri gra
- Valerianella dentata*** (113)
Dg: 44 SEC, 44AB She
- Veratrum album ssp. lobelianum*** (215)
Dg: 06 MUL-ACO, 06BA Cal vil
C: 06 MUL-ACO, 06BA Cal vil, 06BB Cal aru, 28
BET-ALN, 28AA Sal sil, 41CD Rum alp
Dm: 06BC Poo-Des
- Verbascum chaixii ssp. austriacum*** (199)
Dg: 32BC Que pet
- Verbascum lychnitis*** (355)
Dg: 26 FES-BRO, 26AE Fes val
- Verbascum phlomoides*** (19)
Dg: 39CB Sal rut

C: 39CB *Sal rut*

Verbascum thapsus (35)

C: 37AB *Atr bel*

Veronica agrestis (30)

Dg: 44AB *She*

Veronica anagalloides (12)

Dg: 12AC *Nan fla*

C: 12AC *Nan fla*

Veronica arvensis (639)

Dg: 44 SEC, 44BA *Aph*

C: 44 SEC, 44AB *She*, 44BA *Aph*

Veronica beccabunga (228)

Dg: 13DB *Spa-Gly*

Dm: 13DB *Spa-Gly*

***Veronica chamaedrys* agg.** (3218)

Dg: 21 MOL-ARR, 21AA *Arr*

C: 21 MOL-ARR, 21AA *Arr*, 21AB *Pol-Tri*, 21AC *Cyn*, 21ACA *Lol-Cyn-enion*, 22 NAR-CAL, 22AB *Vio can*, 32AB *Carp*, 32BB *Ace-Que*, 32BC *Que pet*

Veronica dillenii (166)

Dg: 25 SED-SCL, 25AB *Ara tha*

C: 23 KOE-COR, 25AB *Ara tha*

***Veronica hederifolia* agg.** (394)

Dg: 39 CHE, 39BA *Fum-Eup*, 44 SEC, 44AA *Cau lap*

C: 39BA *Fum-Eup*, 44AC *Ver-Tar*

Veronica montana (264)

Dg: 32 QUE-FAG, 32AD *Fag*, 32ADA *Eu-Fag-enion*

Veronica officinalis (831)

Dg: 22 NAR-CAL

C: 22AD *Nar-Agr*, 33 QUE ROB

Veronica persica (743)

Dg: 39 CHE, 39BA *Fum-Eup*, 44 SEC, 44AA *Cau lap*, 44AB *She*, 44BA *Aph*

C: 39 CHE, 39BA *Fum-Eup*, 39BB *Spe-Oxa*, 39BC *Pan-Set*, 44 SEC, 44AA *Cau lap*, 44AB *She*, 44AC *Ver-Tar*, 44BA *Aph*

Dm: 39BC *Pan-Set*

Veronica polita (297)

Dg: 44 SEC, 44AA *Cau lap*, 44AC *Ver-Tar*

C: 44 SEC, 44AA *Cau lap*, 44AC *Ver-Tar*

Veronica prostrata (188)

Dg: 26 FES-BRO, 26AE *Fes val*, 26AEA *Fes-enion val*

Veronica triphyllos (68)

Dg: 44 SEC, 44AA *Cau lap*

Veronica verna (85)

Dg: 25 SED-SCL, 25AB *Ara tha*

Viburnum lantana (37)

Dg: 32BA *Que pub*

Vicia angustifolia (365)

Dg: 44 SEC, 44AA *Cau lap*, 44BA *Aph*

C: 44 SEC

Vicia cracca (1656)

Dg: 21 MOL-ARR, 21AA *Arr*

C: 21 MOL-ARR, 21AA *Arr*

Vicia hirsuta (478)

Dg: 44 SEC, 44AB *She*, 44BA *Aph*

C: 26AEB *Cor-Fes-enion*, 44AB *She*

Vicia lathyroides (38)

Dg: 25AD *Pla-Fes*

Vicia sepium (671)

Dg: 21AA *Arr*

Vicia tetrasperma (486)

Dg: 44 SEC, 44BA *Aph*

C: 37AB *Atr bel*, 44AB *She*

Vincetoxicum hirundinaria (631)

Dg: 27 TRI-GER, 27AA *Ger san*, 32BA *Que pub*, 32BC *Que pet*

C: 26ACB *Ses-Fes-enion*, 26ACC *Cyn-Ses-enion*, 27 TRI-GER, 27AA *Ger san*, 32BA *Que pub*, 32BB *Ace-Que*, 32BC *Que pet*

Viola arvensis (1096)

Dg: 39 CHE, 39BA *Fum-Eup*, 44 SEC, 44AA *Cau lap*, 44BA *Aph*

C: 39 CHE, 39BA *Fum-Eup*, 39BB *Spe-Oxa*, 44 SEC, 44AA *Cau lap*, 44AB *She*, 44AC *Ver-Tar*, 44BA *Aph*

Viola biflora (73)

Dg: 06 MUL-ACO, 06AA *Ade*, 18AC *Swe-Ani*

Viola canina (383)

Dg: 22 NAR-CAL, 22AB *Vio can*

Viola hirta (663)

Dg: 26 FES-BRO, 26BA *Bro ere*, 32BA *Que pub*

C: 27 TRI-GER, 32BA *Que pub*

Viola lutea ssp. sudetica (62)

Dg: 22AA *Nar*, 22AD *Nar-Agr*

Viola mirabilis (137)

Dg: 32AB *Carp*

Viola palustris (940)

Dg: 19 SCH-CAR, 19AA *Car fus*, 21BB *Cal*, 21BBA
Cal-enion

C: 05 SAL HER, 05AA *Sal her*, 19 SCH-CAR, 19AA
Car fus, 19AC *Car las*, 19AD *Car dem*, 19AF
Sph-Tom, 19BA *Eri gra*, 19BB *Rhy alb*, 19BC
Sph-Car, 31 ALN GLU

Viola reichenbachiana (1539)

Dg: 32 QUE-FAG, 32AB *Carp*, 32AD *Fag*, 32ADA
Eu-Fag-enion

C: 32 QUE-FAG, 32AAB *Ulm-enion*, 32AB *Carp*,
32AD *Fag*, 32ADA *Eu-Fag-enion*, 32ADC *Cep-*
Fag-enion

Viola riviniana (454)

Dg: 32 QUE-FAG, 32AB *Carp*

C: 37AB *Atr bel*

Vulpia myuros (7)

Dg: 25AA *The-Air*

C: 25AA *The-Air*

Dm: 25AA *The-Air*

Woodsia ilvensis (6)

Dg: 01BA *And van*

Zannichellia palustris (51)

Dg: 09 POT, 09AC *Par*

Dm: 09AC *Par*