Supporting information to the paper Anon. (2021) Xeric grasslands of the inner-alpine dry valleys of Austria – new insights into syntaxonomy, diversity and ecology. Vegetation Classification and Survey.

Supporting information 2. Complete, sorted relevé and synoptic table.

The left part of the table contains the 67 10-m² relevés with percentage cover values shown with the respective Braun-Blanquet symbols (+: -2%, 1: -5%, 2: -25% etc.). The right part contains the synthetic columns of all relevés, the three orders and the 10 associations, first with percentage constancies, then with phi values standardised to the same number of plots in each syntaxon of the respective rank.

In the second column, the three main taxonomic groups are indicated (V: vascular plant; B: bryophyte; L: lichen). Diagnostic species are arranged by decreasing phi values in the respective syntaxon, other species by decreasing constancy in the whole dataset.

If an aggregate was only partly determined at species level or a species only partly at subspecies level, the syntaxonomic assessment was made at the higher taxonomic level, while the corresponding segregates are inserted below in italics, starting with "-".

Shading and boxes indicate the diagnostic values: light grey are diagnostic species of orders, dark grey diagnostic species of associations, while a frame indicates differential species of associations that are diagnostic for another order.

For phi-values the following colour codes are used: ≥ 0.50: dark green; ≥ 0.25: light green; ≥ 0.00: yellow; < 0.00: white.

Species		
Vincetoxicum hirundinaria	V	
Sedum album	V	
Festuca guestfalica		
Sedum sexangulare		
Centaurea stoebe	V	
- Centaurea stoebe subsp. australis		
Globularia bisnagarica	V	
Grimmia laevigata	B	
Bothriochloa ischaemum	-0.05	
Grimmia ovalis	B	
Stipa capillata		
Hedwigia ciliata	L	
Asplenium septentrionale	V	
Cladonia pyxidata	L	
Thesium linophylion	-0.06	
Crossidium squamiferum		
Xanthoria fallax	L	
Scabiosa columbaria agg.	V	
- Scabiosa columbaria		
- Scabiosa lucida		
- Scabiosa triandra		
Erysimum rhaeticum	V	
Polytrichum piliferum	B	
Prunus avium		
Veronica prostrata	V	

Diagnostic species order C

Species		
Leontodon hispidus	V	
Achillea millefolium agg.	V	
Lotus corniculatus	V	
Dactylis glomerata	V	
Veronica chamaedrys	-0.07	
Pimpinella saxifraga	-0.07	
- Pimpinella saxifraga subsp. nigra		
Anthoxanthum odoratum agg.	V	
Campanula glomerata	V	
Cerastium holosteoides		
Trifolium repens	-0.10	
Carex ornithopoda	-0.10	
Centaurea jacea		
Galium pumilum		
Larix decidua		
Rhytidiadelphus triquetrus	B	
Brachypodium pinnatum agg.	V	
- Brachypodium pinnatum	-0.21	
- Brachypodium rupestre		
Polygonatum odoratum	V	
Fragaria vesca	V	
Galium album	V	
Fraxinus excelsior	V	
Lathyrus pratensis	-0.08	
Koeleria pyramidata var. pyramidata	-0.12	
Brachythecium velutinum	B	
Campylium chrysophyllum	B	
Crataegus monogyna	V	
Seseli libanotis	V	
Brachythecium rutabulum	B	
Poa pratensis agg.	V	

Diagnostic species association C.1

Species		
Fragaria viridis	V	
Astragalus onobrychis	V	

Diagnostic species association C.2

Species		
Potentilla argentea	V	
Allium carinatum	V	
Genista tinctoria	V	
Jasione montana	V	
Populus tremula	V	
Potentilla rupestris	V	
Avenula adsurgens subsp. adsurgens	V	
Campanula rotundifolia	V	
Viola arvensis	V	
Ceratodon purpureus	B	
Avenella flexuosa	V	
Silene nutans	V	
Cytisus nigricans	V	
Fragaria moschata	V	
Verbascum lychnitis	V	
Cladonia fimbriata	B	

Diagnostic species association C.3

Species		
Anthericum ramosum	V	
Campanula trachelium	V	
Centaurea scabiosa	V	
Tragopogon orientalis	V	
Peucedanum oreoselinum	V	
Astragalus glycyphyllos	-0.11	
Polygala comosa	V	
Clinopodium vulgare	V	
Viola hirta	V	
Vicia cracca agg.	V	
Knautia maxima	V	
Dianthus carthusianorum	V	
- Dianthus carthusianorum subsp. capillifrons		
Daucus carota	V	
Knautia norica	V	
Quercus robur	V	
Cirsium arvense	V	
Campanula persicifolia	V	
Chaerophyllum aureum	V	

Diagnostic species association C.4

Species		
Ranunculus bulbosus	V	
Festuca rubra agg.	V	
- Festuca rubra		
Knautia arvensis	V	
Lolium perenne		
Veronica officinalis	B	
Calliergonella cuspidata	B	
Ranunculus acris	V	
Thuidium philiberti	B	
Hieracium pilosella	V	
Avenula pratensis	V	
Betonica officinalis	V	
Danthonia decumbens	V	
Plagiomnium undulatum	B	
Luzula campestris agg.	V	
Plantago lanceolata	V	
Melampyrum sylvaticum	V	
Pleurozium schreberi	B	

Plagiomnium affine — B

Viola canina — V

Diagnostic species association C.5

- *Persicaria vivipara* — V
- *Potentilla erecta* — -0.15
- *Phyteuma orbiculare* — V
- *Plantago atrata* — V
- *Ranunculus nemorosus* — V
- *Thesium alpinum* — V
- *Centaurea pseudophrygia* — V
- *Gymnadenia conopsea* — V
- *Laserpitium latifolium* — V
- *Molinia caerulea* — V
- *Soldanella alpina* — V
- *Thalictrum minus* — V
- *Pimpinella major* — V
- *Polygala chamaebuxus* — V
- *Carlina acaulis* — -0.16
- *Euphrasia officinalis* — V
- *Galium anisophyllon* — V
- *Carduus defloratus* — V
- *Trifolium montanum* — V
- *Alchemilla glaucescens* — V
- *Arnica montana* — V
- *Aster alpinus* — V
- *Carum carvi* — V
- *Festuca norica* — V
- *Gentiana verna* — V
- *Luzula alpina* — V
- *Rhinanthus glacialis* — V
- *Campanula scheuchzeri* — V
- *Sesleria caerulea* — V
- *Bellidiastrum michelii* — V
- *Biscutella laevigata* — V
- *Campylium stellatum var. protensum* — B
- *Carex sempervirens* — V
- *Crepis aurea* — V
- *Erica carnea* — V
- *Oxytropis campestris* — V
- *Parnassia palustris* — V
- *Phleum hirsutum* — V
- *Picea abies* — V
- *Tofieldia calyculata* — V
- *Trollius europaeus* — V
- *Anthyllis vulneraria* — -V
- *Hippocrepis comosa* — V
- *Polygala alpestris* — V
- *Astragalus penduliflorus* — V
- *Campanula barbata* — V
- *Crepis alpestris* — V
- *Crocus albiflorus* — V
- *Dactylorhiza maculata* — V
- *Dryas octopetala* — V
- *Gymnadenia odoratissima* — V
- *Helianthemum nummularium subsp. grandiflorum* — V
- *Onobrychis arenaria subsp. taurerica* — V
- *Silene vulgaris* — V
- *Valeriana officinalis* — V

Diagnostic species for more than one order

- *Carex caryophyllea* — V
- *Allium lusitanicum* — V
- *Thymus praecox* — V

Diagnostic species for more than one association

- *Thymus pulegioides* — V
- *Briza media* — V
- *Salvia pratensis* — V
- *Plantago media* — V
- *Teucrium montanum* — V
- *Agrostis capillaris* — V
- *Trifolium pratense* — V
- *Leucanthemum vulgare* agg. — V
- *Linum catharticum* — V
- *Verbascum chaixii subsp. austriacum* — 0.37
- *Arrhenatherum elatius* — V
- *Taraxacum* sect. *Ruderalia* — V
- *Primula veris* — -0.14
- *Hylotelephium maximum* — V
- *Genista sagittalis* — V
- *Homalotrichon (Avenula) pubescens* — V
- *Prunella vulgaris* — V
- *Trifolium arvense* — V
- *Asplenium ruta-muraria* — -0.13
- *Cladonia rei* — L
- *Alchemilla monticola* — V
- *Calluna vulgaris* — V
- *Veronica teucrium* — V
- *Carex muricata* — V
- *Seseli austriacum* — V

Other species

- *Abietinella abietina* — B
- *Euphorbia cyparissias* — V
- *Carex humilis* — V
- *Helianthemum nummularium subsp. obscurum* — V
- *Festuca rupicola* — V
- *Rhytidium rugosum* — B
- *Medicago falcata* — V
- *Bryum argenteum* — B
- *Hypericum perforatum* — V
- *Sanguisorba minor* — V
- *Cuscuta epithymum* — V
- *Arenaria serpyllifolia* agg. — V
- *Asperula cynanchica* — V
- *Medicago lupulina* — V
- *Rosa canina* agg. — V
- *Securigera varia* — V
- *Cladonia furcata* — L
- *Clinopodium alpinum* — V
- *Barbula rigidula* — B
- *Leucodon sciuroides* — B
- *Prunus spinosa* — V
- *Sedum acre* — V
- *Prunella grandiflora* — V
- *Bryum capillare* — B
- *Juniperus communis* — V
- *Ajuga genevensis* — V
- *Arabis hirsuta* — V

Species	Type
Convolvulus arvensis	V
Homalothecium lutescens	B
Nardus stricta	-V
Rumex acetosella	V
Stipa styriaca	V
Antennaria dioica	V
Bartsia alpina	V
Brachythecium albicans	B
Bryum caespiticium	B
Carex ericetorum	V
Catapyrenium squamulosum	L
Centaurea nigrescens	V
Chamaecytisus supinus	V
Clinopodium acinos	V
Corylus avellana	V
Deschampsia cespitosa	V
Festuca pseudodura	V
Gentiana acaulis	V
Gentianella anisodonta	V
Gentianopsis ciliata	V
Geranium sylvaticum	V
Helianthemum alpestre	V
Hieracium hoppeanum	V
Knautia drymeia	V
Luzula luzuloides	V
Myosotis alpestris	V
Parmelia pulla	L
Pedicularis elongata	-V
Phleum pratense	-V
Racomitrium elongatum	B
Ranunculus montanus	V
Ranunculus polyanthemophyllus	V
Scleropodium purum	B
Scorzonera aristata	-V
Scorzoneroides autumnalis	V
Solidago virgaurea	V
Sorbus aucuparia	V
Stellaria graminea	V
Vicia sepium	V
Weissia longifolia	B
Agrostis gigantea	V
Agrostis stolonifera	V
Alchemilla acutiloba	V
Alchemilla flabellata	V
Alchemilla plicata	V
Alchemilla versipila	V
Allium oleraceum	V
Alnus alnobetula	B
Anomodon attenuatus	B
Anthriscus sylvestris	V
Arabis ciliata	V
Aspicilia contorta	L
Astragalus alpinus	V
Astragalus cicer	V
Avenula praeusta	V
Barbarea vulgaris	V
Barbilophozia barbata	B
Barbula convoluta	B
Barbula unguiculata	B
Bellis perennis	V
Brachypodium sylvaticum	V
Brachythecium salebrosum	B
Bryum rubens	B
Buellia elegans	L
Calamagrostis varia	V
Calamagrostis villosa	V
Campanula patula	V
Campylium calcareum	B
Carex digitata	V
Carex flacca	V
Carex pallescens	V
Catapyrenium michelii	L
Cerastium arvense	V
Chaerophyllum villarsii	V
Cirsium acaule	V
Cirsium heterophyllum	V
Cirsium vulgare	V
Cladonia deformis	L
Cladonia pleurota	L
Clematis alpina	V
Clematis vitalba	V
Climacium dendroides	B
Cornus sanguinea	V
Crataegus laevigata x monogyna	V
Crepis biennis	V
Crepis conyzifolia	V
Cruciata laevipes	V
Cynosurus cristatus	V
Dermatocarpon miniatum	L
Dicranum muehlenbeckii	B
Dicranum scoparium	B
Barbula acuta	B
Barbula reflexa	B
Digitaria sanguinalis	V
Elymus hispidus	V
Equisetum arvense	V
Erigeron annuus	V
Euphrasia salisburgensis	V
Euphrasia stricta	V
Fallopia dumetorum	V
Frullania tamarisci	B
Galeobdolon montanum	V
Galeopsis tetrahit	V
Galium aparine	V
Galium x pomeranicum	V
Gentiana cruciata	V
Geranium phaeum	V
Geranium pusillum	V
Globularia cordifolia	V
Grimmia pulvinata	B
Heracleum sphondylium	V
Hieracium lactucella	V
Hieracium villosum	V
Hippophae rhamnoides	V
Holcus lanatus	V
Hylocomium splendens	B
Hypericum maculatum	V
Hypnum lacunosum	B

Species		Integer block	Decimal block
Hypnum voucheri	B	1 7 0 0 0 0 0 0 20 0 0 0 0 0 0 0	0.22 -0.11 -0.11 -0.05 -0.05 -0.05 0.43 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05
Hypogymnia physodes	L	1 7 0 0 0 0 0 0 20 0 0 0 0 0 0 0	0.22 -0.11 -0.11 -0.05 -0.05 -0.05 0.43 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05
Jovibarba globifera subsp. *arenaria*	V	1 0 0 3 0 0 0 0 0 0 0 20 0 0 0	-0.07 -0.07 0.13 -0.05 -0.05 -0.05 -0.05 -0.05 0.43 -0.05 -0.05 -0.05 -0.05 -0.05
Kobresia myosuroides	V	1 0 0 3 0 0 0 0 0 0 0 0 0 0 8	-0.07 -0.07 0.13 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 0.26
Laserpitium halleri	V	1 0 0 3 0 0 0 0 0 0 0 0 0 0 8	-0.07 -0.07 0.13 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 0.26
Lecidea lurida	L	1 0 7 0 0 0 0 0 7 0 0 0 0 0 0	-0.11 0.21 -0.11 -0.03 -0.03 -0.03 0.25 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03
Leptogium gelatinosum	L	1 7 0 0 0 0 0 0 20 0 0 0 0 0 0 0	0.22 -0.11 -0.11 -0.05 -0.05 -0.05 0.43 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05
Leptogium lichenoides	L	1 0 7 0 0 0 0 0 7 0 0 0 0 0 0	-0.11 0.21 -0.11 -0.03 -0.03 -0.03 0.25 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03
Linaria vulgaris	V	1 0 0 3 0 0 0 0 0 0 14 0 0	-0.04 -0.04 -0.04 -0.04 -0.04 -0.04 -0.04 0.36 -0.03 -0.04 -0.04 -0.04 -0.03 -0.04
Listera ovata	V	1 0 0 3 0 0 0 0 0 0 0 0 0 0 8	-0.07 -0.07 0.13 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 0.26
Lophocolea heterophylla	B	1 0 0 3 0 0 0 0 0 0 0 0 0 0 8	-0.07 -0.07 0.13 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 0.26
Molinia arundinacea	V	1 0 0 3 0 0 0 0 0 0 0 0 0 0 8	-0.07 -0.07 0.13 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 0.26
Myosotis arvensis	V	1 0 0 3 0 0 0 0 0 0 14 0 0	-0.07 -0.07 0.13 -0.04 -0.04 -0.04 -0.04 -0.04 -0.04 0.36 -0.04 -0.04
Myosotis sylvatica	V	1 0 0 3 0 0 0 0 0 0 0 0 0 0 8	-0.07 -0.07 0.13 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 0.26
Neotinea ustulata	V	1 0 0 3 0 0 0 0 0 0 0 0 0 0 8	-0.07 -0.07 0.13 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 0.26
Nigritella rhellicani	V	1 0 0 3 0 0 0 0 0 0 0 0 0 0 8	-0.07 -0.07 0.13 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 0.26
Onobrychis viciifolia	V	1 0 7 0 0 0 0 0 7 0 0 0 0 0 0	-0.11 0.21 -0.11 -0.03 -0.03 -0.03 0.25 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03
Orthotrichum cupulatum	B	1 7 0 0 0 0 0 0 20 0 0 0 0 0 0 0	0.22 -0.11 -0.11 -0.05 -0.05 -0.05 0.43 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05
Oxalis acetosella	V	1 0 0 3 0 0 0 0 0 0 0 0 20 0 0	-0.07 -0.07 0.13 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 0.43 -0.05
Peltigera didactyla	L	1 0 7 0 0 0 0 0 7 0 0 0 0 0 0	-0.11 0.21 -0.11 -0.03 -0.03 -0.03 0.25 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03
Persicaria bistorta	V	1 0 0 3 0 0 0 0 0 0 0 0 0 0 8	-0.03 -0.07 -0.07 0.13 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 0.26
Phaeophyscia sciastra	L	1 7 0 0 0 0 0 0 20 0 0 0 0 0 0 0	0.22 -0.11 -0.11 -0.05 -0.05 -0.05 0.43 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05
Phleum rhaeticum	V	1 0 0 3 0 0 0 0 0 0 0 0 0 0 8	-0.07 -0.07 0.13 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 0.26
Phyteuma persicifolium	V	1 0 0 3 0 0 0 0 0 0 0 0 0 0 8	-0.07 -0.07 0.13 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 0.26
Plagiomnium cuspidatum	B	1 0 0 3 0 0 0 0 0 0 0 0 20 0 0	-0.07 -0.07 0.13 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 0.43 -0.05
Poa stiriaca	V	1 0 0 3 0 0 0 0 0 0 14 0 0	-0.07 -0.07 0.13 -0.04 -0.04 -0.04 -0.04 -0.04 -0.04 0.36 -0.04 -0.04
Pohlia cruda	B	1 0 0 3 0 0 0 0 0 0 0 0 20 0 0	-0.07 -0.07 0.13 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 0.43 -0.05
Polygala amarella	V	1 0 0 3 0 0 0 0 0 0 0 0 0 0 8	-0.07 -0.07 0.13 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 0.26
Polytrichum formosum	B	1 0 0 3 0 0 0 0 0 0 0 0 20 0 0	-0.03 -0.07 -0.07 0.13 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 0.43 -0.05
Potentilla aurea	V	1 0 0 3 0 0 0 0 0 0 0 0 0 0 8	-0.03 -0.07 -0.07 0.13 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 0.26
Potentilla neumanniana	V	1 0 7 0 0 0 0 0 7 0 0 0 0 0 0	-0.11 0.21 -0.11 -0.03 -0.03 -0.03 0.25 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03
Potentilla recta	V	1 0 0 3 0 0 0 0 0 0 14 0 0	-0.07 -0.07 0.13 -0.04 -0.04 -0.04 -0.04 -0.04 -0.04 0.36 -0.04 -0.04
Primula vulgaris	V	1 0 0 3 0 0 0 0 0 0 0 0 0 0 8	-0.07 -0.07 0.13 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 0.26
Prunus domestica	V	1 0 0 3 0 0 0 0 0 0 0 0 0 0 8	-0.03 -0.07 -0.07 0.13 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 0.26
Pseudocrossidium revolutum	B	1 7 0 0 0 0 0 0 20 0 0 0 0 0 0 0	0.22 -0.11 -0.11 -0.05 -0.05 -0.05 0.43 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05
Pulsatilla alpina subsp. *apiifolia*	V	1 0 0 3 0 0 0 0 0 0 0 0 0 0 8	-0.07 -0.07 0.13 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 0.26
Pulsatilla vernalis	V	1 0 0 3 0 0 0 0 0 0 0 0 0 0 8	-0.07 -0.07 0.13 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 0.26
Reseda lutea	V	1 0 0 3 0 0 0 0 0 13 0 0 0	-0.04 -0.04 -0.04 -0.04 -0.04 0.34 -0.04 -0.04 -0.04 -0.04 -0.04
Rhamnus cathartica	V	1 0 0 3 0 0 0 0 0 0 14 0 0	-0.04 -0.04 -0.04 -0.04 -0.04 -0.04 -0.04 0.36 -0.04 -0.04 -0.04
Rinodina cana	L	1 0 0 3 0 0 0 0 0 20 0 0 0	-0.07 -0.07 0.13 -0.05 -0.05 -0.05 -0.05 -0.05 0.43 -0.05 -0.05 -0.05 -0.05 -0.05
Rinodina oxydata	L	1 0 0 3 0 0 0 0 0 20 0 0 0	-0.07 -0.07 0.13 -0.05 -0.05 -0.05 -0.05 -0.05 0.43 -0.05 -0.05 -0.05 -0.05 -0.05
Rinodina vezdae	L	1 0 0 3 0 0 0 0 0 20 0 0 0	-0.07 -0.07 0.13 -0.05 -0.05 -0.05 -0.05 -0.05 0.43 -0.05 -0.05 -0.05 -0.05 -0.05
Robinia pseudacacia	V	1 0 0 3 0 0 0 0 0 13 0 0 0	-0.04 -0.04 -0.04 -0.04 -0.04 0.34 -0.04 -0.04 -0.04 -0.04 -0.04
Rubus idaeus	V	1 0 0 3 0 0 0 0 0 0 0 0 0 0 8	-0.03 -0.07 -0.07 0.13 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 0.26
Rumex acetosa	V	1 0 0 3 0 0 0 0 0 0 0 0 20 0 0	-0.07 -0.07 0.13 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 0.43 -0.05
Sedum dasyphyllum	V	1 0 0 3 0 0 0 0 0 0 0 0 20 0 0	-0.07 -0.07 0.13 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 0.43 -0.05
Selaginella helvetica	V	1 0 0 3 0 0 0 0 0 0 0 0 20 0 0	-0.07 -0.07 0.13 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 0.43 -0.05
Selaginella selaginoides	V	1 0 0 3 0 0 0 0 0 0 0 0 0 0 8	-0.03 -0.07 -0.07 0.13 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 0.26
Sempervivum pittonii	V	1 7 0 0 0 0 25 0 0 0 0 0 0 0 0 0	0.22 -0.11 -0.11 0.48 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05
Senecio doronicum	V	1 0 0 3 0 0 0 0 0 0 0 0 0 0 8	-0.07 -0.07 0.13 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 0.26
Seseli annuum	V	1 7 0 0 0 0 0 0 20 0 0 0 0 0 0 0	0.22 -0.11 -0.11 -0.05 -0.05 -0.05 0.43 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05
Thamnolia vermicular. var. *subuliformis*	L	1 7 0 0 0 0 0 0 20 0 0 0 0 0 0 0	0.22 -0.11 -0.11 -0.05 -0.05 -0.05 0.43 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05
Tortula laevipila	B	1 0 7 0 0 0 0 0 7 0 0 0 0 0 0	-0.11 0.21 -0.11 -0.03 -0.03 -0.03 0.25 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03
Trifolium campestre	V	1 0 0 3 0 0 0 0 0 0 0 0 20 0 0	-0.07 -0.07 0.13 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 0.43 -0.05
Trisetum flavescens	V	1 0 0 3 0 0 0 0 0 0 0 0 0 0 8	-0.03 -0.07 -0.07 0.13 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 0.26
Turritis glabra	V	1 0 7 0 0 0 0 0 7 0 0 0 0 0 0	-0.11 0.21 -0.11 -0.03 -0.03 -0.03 0.25 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03
Tussilago farfara	V	1 0 0 3 0 0 0 0 0 0 0 0 20 0 0	-0.07 -0.07 0.13 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 0.43 -0.05
Umbilicaria hirsuta	L	1 0 7 0 0 0 0 0 7 0 0 0 0 0 0	-0.11 0.21 -0.11 -0.03 -0.03 -0.03 0.25 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03
Valeriana saxatilis	V	1 0 0 3 0 0 0 0 0 0 0 0 0 0 8	-0.07 -0.07 0.13 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 0.26
Verbascum thapsus	V	1 7 0 0 0 0 25 0 0 0 0 0 0 0 0 0	0.22 -0.11 -0.11 0.48 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05
Veronica austriaca	V	1 0 0 3 0 0 0 0 0 0 14 0 0	-0.04 -0.04 -0.04 -0.04 -0.04 -0.04 -0.04 0.36 -0.04 -0.04 -0.04
Vicia pannonica	V	1 0 0 3 0 0 0 0 0 0 14 0 0	-0.04 -0.04 -0.04 -0.04 -0.04 -0.04 -0.04 0.36 -0.04 -0.04 -0.04
Vicia tetrasperma	V	1 0 0 3 0 0 0 0 0 0 0 0 20 0 0	-0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 0.43 -0.05 -0.05 -0.03 -0.03
Weissia controversa	B	1 0 7 0 0 0 0 0 7 0 0 0 0 0 0	-0.11 0.21 -0.11 -0.03 -0.03 -0.03 0.25 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03