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Kartierungsergebnisse des 8. südböhmisich – oberösterreichischen Botanikertreffens in Bad Goisern (OÖ), 21. – 27. Juli 1997

P. A. KRAML

A b s t r a c t : The distribution of vascular plants in the environs of Bad Goisern (Upper Austria) is presented in form of an atlas, which shows primarily the results of the 8th meeting of Southern Bohemian and Upper Austrian botanists in Bad Goisern (21st to 27th July 1997). This results are confronted with the already known but unpublished data of the mapping of Austrian flora.

K e y w o r d s : Bad Goisern, vascular plants, mapping of the flora.

Einleitung

Dieser kleine Verbreitungsatlas der Gefäßpflanzen der Umgebung von Bad Goisern fasst in erster Linie die Ergebnisse der Kartierungsarbeit während des 8. südböhmisich – oberösterreichischen Botanikertreffens 1997 in Bad Goisern zusammen. Die Aufgabe des Autors bestand daher lediglich im Sammeln und Ordnen der von den Teilnehmern gelieferten Kartierungsdaten. Für die Kartendarstellung wurde eine kleine Delphi-Anwendung programmiert.

Kartierungsmethode

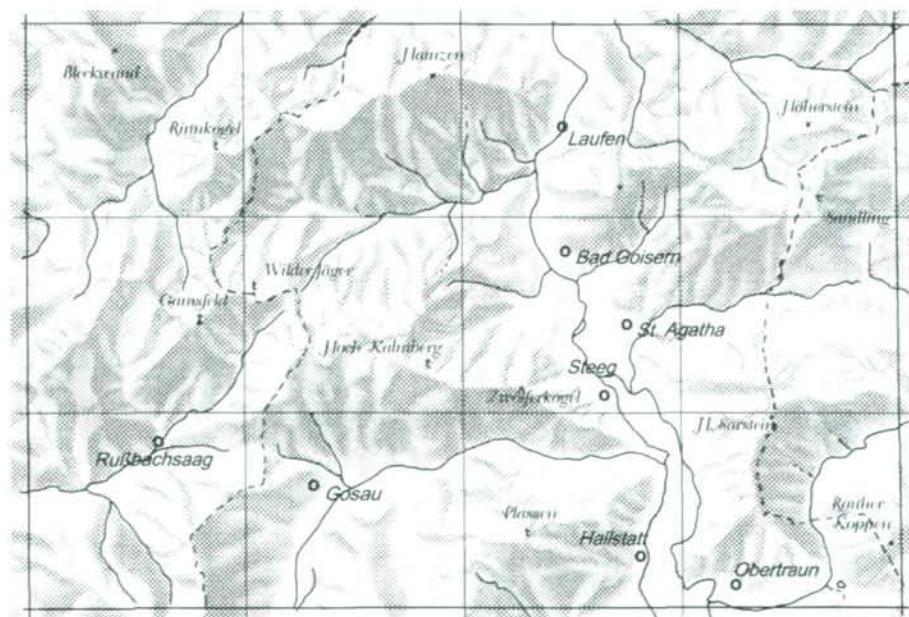
Die Verbreitungsangaben der Pflanzensippen entsprechen der Punktrasterkartierung auf Quadrantenbasis im Sinne der Österreichischen Florenkartierung (vgl. NIKLFELD). Dabei wurden die oberösterreichischen Anteile der in der Karte angegebenen Quadranten bearbeitet. Das Kartierungsgebiet wurde so gewählt, dass es als Fortsetzung des „Atlas der Gefäßpflanzenflora des Dachsteins“ (BOTANISCHE ARBEITSGEMEINSCHAFT) gesehen werden kann. Eine Signatur in einem Quadranten gibt das Vorkommen einer Art – unabhängig von ihrer Häufigkeit – an. Die Verbreitungskärtchen enthalten folgende Quadranten der Grundfelder Gamsfeld, Bad Goisern, Bad Aussee, Abtenau, Hallstatt und Obertraun:

Tab. 1: Kartierungsquadranten.

8346/2 Gamsfeld	8347/1 Bad Goisern	8347/2 Bad Goisern	8348/1 Bad Aussee
8346/4 Gamsfeld	8347/3 Bad Goisern	8347/4 Bad Goisern	8348/3 Bad Aussee
8446/2 Abtenau	8447/1 Hallstatt	8447/2 Hallstatt	8448/1 Obertraun

Vorliegende Kartierungsdaten

Schon vor der Exkursion wurde für jeden Teilnehmer ein entsprechender Verbreitungsatlas mit den bereits bekannten Kartierungsergebnissen zusammengestellt (BRANDSTÄTTER ET AL.). Für diesen vorläufigen Atlas wurden uns von Prof. Dr. Harald Niklfeld Daten der Österreichischen Florenkartierung in Form von Textdateien zur Verfügung gestellt. Weiters wurden dafür Verbreitungssangaben der im Biologiezentrum in Linz liegenden Geländelisten und einige Angaben der Autoren verwendet.

**Abb. 1:** Kartierungsgebiet um Bad Goisern.

Exkursionsergebnisse

In den vorliegenden Verbreitungskärtchen werden nun sowohl bereits bekannte Angaben wie auch die bei der Exkursion erarbeiteten angeführt. Alte und neue Daten sind durch unterschiedliche Signaturen gekennzeichnet.

Tab. 2: Erklärung der Signaturen.

Vor der Exkursion bekannt	Exkursionsergebnisse
* indigen (einheimisch)	■ indigen (einheimisch)
n in der Neuzeit eingebürgert	N in der Neuzeit eingebürgert
s synanthrop im allgemeinen	S synanthrop im allgemeinen
a adventiv (unbeständig)	A adventiv (unbeständig)
c nur kultiviert	C nur kultiviert
? Status unklar	- Status unklar

Taxonomie

Die Taxonomie richtet sich so weit wie möglich nach ADLER ET AL. In einigen Fällen werden bei ADLER ET AL. nicht erwähnte Klein- und Zwischenarten angeführt. Diese sind in Klammern gestellt. Für *Hieracium* folgt die Nomenklatur HEGI. Für einige auf der Basis der Sippensystematik von EHRENDORFER kartierten Sippen, die bei ADLER ET AL. neu gefasst wurde, mussten die Taxa nach EHRENDORFER beibehalten werden. Sie sind durch Anführungszeichen gekennzeichnet.

Danksagung

Herzlicher Dank sei gesagt: Herrn Prof. Dr. Harald Niklfeld für die Kartierungsdaten, die er für die Vorbereitung der Exkursion zur Verfügung gestellt hat und allen Exkursionsteilnehmern, die mit ihrer Gelände- und Bestimmungsarbeit die neuen Daten geliefert haben.

Literatur

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Anschrift des Verfassers: Mag. P. Amand KRAML
Stift Kremsmünster, A-4550 Kremsmünster, Austria.

Abies - Agrostis

	*	*	*
	*	*	■
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Abies alba

		■	

Acer campestre

	*	*	*
	*	*	■
	*	*	*

Acer platanoides

■	*	*	*
■	*	*	■
*	*	*	*

Acer pseudoplatanus

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*	*	■	*
*	*	*	*

Achillea atrata s.str.

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*	*	*	*
*	*	*	*

Achillea clavennae

	*	*	*
*	*	*	■
*	*	*	*

Achillea millefolium agg.

	*	*	*
■		*	
		*	

< *Achillea millefolium s.str.*

	C		
	C		

Achillea ptarmica s.str.

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Achnatherum calamagrostis

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*	*	■	*
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Acinos alpinus

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■			
		*	*

Acinos arvensis

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Aconitum degenerii

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Aconitum lycoctonum

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Aconitum napellus s.lat.

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< *Aconitum tauricum*

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Aconitum variegatum s.str.

	C		
	C		

Acorus calamus

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Actaea spicata

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Adenostyles alliariae

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Adenostyles glabra

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Adoxa moschatellina

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Aegopodium podagraria

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Aesculus hippocastanum

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Aethusa cynapium

	■		
	*	■	

Agrimony eupatoria

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Agrostis alpina s.str.

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■	■	*	*

Agrostis capillaris

Agrostis - Allium

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Agrostis rupestris

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Agrostis schraderiana

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Agrostis stolonifera agg.

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< *Agrostis gigantea*

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< *Agrostis stolonifera s.str.*

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Ajuga genevensis

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Ajuga pyramidalis

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Ajuga reptans

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Alchemilla "conjuncta agg."

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< *Alchemilla anisiacia*

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< *Alchemilla hoppeana*

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Alchemilla exigua

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Alchemilla "fissa agg."

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< *Alchemilla fissa*

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Alchemilla "vulgaris agg."

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< *Alchemilla crinita*

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< *Alchemilla effusa*

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< *Alchemilla glabra*

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< *Alchemilla impexa*

	*	

< *Alchemilla micans*

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*	■	

< *Alchemilla monticola*

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< *Alchemilla reniformis*

*		

< *Alchemilla subcrenata*

*		

Alisma plantago-aquatica agg.

■		

Alliaria petiolata

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Allium carinatum

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Allium senescens subsp. montanum

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Allium schoenoprasum subsp. alpinum

Allium - Aquilegia

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Allium scorodoprasum

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Allium ursinum

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Alnus alnobetula

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Alnus glutinosa

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Alnus incana

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Alopecurus geniculatus

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Alopecurus pratensis s.str.

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Amelanchier ovalis

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Andromeda polifolia

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Androsace chamaejasme

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Androsace helvetica

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Anemone narcissiflora

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Anemone nemorosa

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Anemone ranunculoides

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Angelica sylvestris

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Antennaria dioica

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Anthicum ramosum

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Anthoxanthum odoratum agg.

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< Anthoxanthum alpinum

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< Anthoxanthum odoratum s.str.

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Anthriscus sylvestris agg.

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< Anthriscus nitidus

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< Anthriscus sylvestris s.str.

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Anthyllis vulneraria

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< Anthyllis vulneraria subsp. alpestris

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Apera spica-venti

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Aposeris foetida

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Aquilegia vulgaris agg.

Aquilegia - Asplenium

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< *Aquilegia atrata*

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< *Aquilegia vulgaris* s.str.

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Arabis alpina s.str.

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< *Arabis alpina*
subsp. *alpina*

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< *Arabis alpina*
subsp. *caucasica*

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Arabis ciliata

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Arabis hirsuta agg.

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< *Arabis hirsuta* s.str.

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Arabis pumila s.lat.

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< *Arabis bellidifolia*

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Arabis soyeri
subsp. *subcoriacea*

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Arabis turrita

*			

Arctium lappa

Arctium minus

Arctium nemorosum

Arctium tomentosum

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Arctostaphylos alpinus

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Arenaria ciliata s.str.

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Arenaria serpyllifolia s.str.

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Armoracia rusticana

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Arnica montana

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Arrhenatherum elatius

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Artemisia vulgaris s.str.

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Arum maculatum

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Aruncus dioicus

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Asarum europaeum

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Asplenium ruta-muraria

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Asplenium scolopendrium

Asplenium - Blechnum

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Asplenium septentrionale

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Asplenium trichomanes

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Asplenium viride

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Aster alpinus

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Aster bellidiastrium

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Aster novi-belgii agg.

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Astragalus glycyphyllos

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Astrantia major

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Athamanta cretensis s.str.

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Athyrium distentifolium

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Athyrium filix-femina

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Atriplex patula

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Atropa bella-donna

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Avenella flexuosa

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Avenula pubescens

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			a

Barbarea stricta

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Barbarea vulgaris

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Bartsia alpina

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Bellis perennis

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Berberis vulgaris

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Beta vulgaris

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Betonica alopecuros

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Betonica officinalis

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Betula pendula

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Betula pubescens

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Bidens tripartitus

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Biscutella laevigata

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Blechnum spicant

Blysmus - Camelina

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Blysmus compressus

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Borago officinalis

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Botrychium lunaria

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Brachypodium pinnatum agg.

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< *Brachypodium pinnatum*
s.str.

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Brachypodium sylvaticum
subsp. *sylvaticum*

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Brassica napus

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Brassica nigra

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Brassica rapa

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Briza media

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Bromus erectus s.str.

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Bromus hordeaceus
subsp. *hordeaceus*

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Bromus inermis

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Bromus ramosus agg.

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< *Bromus benekenii*

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< *Bromus ramosus* s.str.

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Buphthalmum salicifolium

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Buxus sempervirens

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Calamagrostis arundinacea

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Calamagrostis epigejos

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Calamagrostis varia

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Calamagrostis villosa

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Callitricha palustris agg.

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Calluna vulgaris

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Caitha palustris

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Calycocorsus stipitatus

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Calystegia sepium s.str.

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	■	

Camelina sativa

Campanula - Carex

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Campanula alpina

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Campanula barbata

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Campanula cochleariifolia

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Campanula patula

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Campanula persicifolia

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Campanula pulla

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Campanula rapunculoides

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Campanula rotundifolia
agg.

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< *Campanula rotundifolia*
s.str.

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< *Campanula scheuchzeri*

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Campanula trachelium

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Cannabis sativa agg.

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Capsella bursa-pastoris

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Cardamine amara

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Cardamine flexuosa

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Cardamine hirsuta

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< *Cardamine impatiens*

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< *Cardamine pratensis* egg.

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< *Cardamine pratensis*
s.str.

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Cardamine resedifolia

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Cardamine trifolia

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Cardaminopsis arenosa

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Cardaminopsis halleri

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Carduus defloratus agg.

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< *Carduus defloratus* s.str.

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Carduus nutans s.str.

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Carduus personata

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Carex acuta

Carex - Carex

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Carex acutiformis

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Carex alba

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Carex atrata agg.

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< Carex atrata s.str.

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Carex brachystachys

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Carex brizoides

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Carex canescens agg.

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< Carex canescens s.str.

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Carex capillaris

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Carex caryophyllea

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Carex davalliana

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Carex diandra

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Carex digitata

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Carex dioica

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Carex distans

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Carex echinata

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Carex elata subsp. elata

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Carex ferruginea s.str.

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Carex firma

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Carex flacca

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Carex flava agg.

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< Carex flava s.str.

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< Carex flava var. albina

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< Carex lepidocarpa

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< Carex tumidicarpa

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< Carex viridula

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Carex hirta

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Carex hostiana

Carex - Carlina

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Carex humilis

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Carex leporina

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Carex limosa

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Carex montana

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Carex mucronata

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Carex muricata agg.

			■
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< *Carex spicata*

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Carex nigra s.str.

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Carex ornithopoda agg.

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< *Carex ornithopoda s.str.*

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Carex pallescens

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Carex panicea

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Carex paniculata

Carex pauciflora

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Carex pendula

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Carex pilosa

Carex pilulifera

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Carex pulicaris

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Carex remota

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Carex rostrata

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Carex sempervirens s.str.

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Carex sylvatica

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Carex tomentosa

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Carex umbrosa

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Carex vesicaria

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Carlina acaulis

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Carlina vulgaris agg.

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< *Carlina biebersteinii*
subsp. *biebersteinii*

Carpinus - Cicerbita

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Carpinus betulus

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Carum carvi

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Centaurea cyanus

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Centaurea jacea
subsp. subjacea

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Centaurea montana

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Centaurea scabiosa

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< *Centaurea scabiosa*
subsp. alpestris

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< *Centaurea scabiosa*
subsp. scabiosa

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Centaurium erythraea
subsp. erythraea

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Cephalanthera
damasonium

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Cephalanthera longifolia

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Cephalanthera rubra

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Cerastium fontanum s.str.

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Cerastium glomeratum

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Cerastium glutinosum

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Cerastium holosteoides

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Cerinthe minor

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		■	■
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Chaerophyllum aureum

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Chaerophyllum hirsutum

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Chaerophyllum villarsii

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Chelidonium majus

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Chenopodium album agg.

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< *Chenopodium album*
s.str.

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Chenopodium bonus-henricus

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Chenopodium polyspermum

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Chlorocrepis staticifolia

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Chrysosplenium
alternifolium

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Cicerbita alpina

Cichorium - Cotoneaster

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Cichorium intybus

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Circaeae alpina

		■	

Circaeae x intermedia

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Circaeae lutetiana

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Cirsium arvense

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Cirsium erisithales

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Cirsium oleraceum

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Cirsium palustre

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Cirsium rivulare

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Cirsium spinosissimum

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Cirsium vulgare

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Clematis alpina

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Clematis vitalba

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*Clinopodium vulgare
subsp. *vulgare**

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Coeloglossum viride

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Colchicum autumnale

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Convallaria majalis

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Convolvulus arvensis

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Conyza canadensis

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Corallorrhiza trifida

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Cornus sanguinea

S	

Cornus sericea

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Coronilla vaginalis

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Corydalis cava

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Corylus avellana

C	

Cotoneaster horizontalis

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Cotoneaster integrifolius

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Cotoneaster tomentosus

Crataegus - Daphne

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Crataegus laevigata s.str.

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Crataegus monogyna

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Crepis alpestris

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Crepis aurea

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Crepis biennis

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Crepis jacquinii agg.

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< *Crepis jacquinii* s.str.

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Crepis mollis

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Crepis paludosa

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Crocus albiflorus

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Cruciata laevis

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Cuscuta epithymum
subsp. *epithymum*

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Cuscuta europaea

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Cyclamen purpurascens

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Cymbalaria muralis

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Cynosurus cristatus

		■	

Cyperus fuscus

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Cypripedium calceolus

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Cystopteris alpina

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< *Cystopteris fragilis* s.str.

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Cystopteris montana

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Dactylis glomerata
subsp. *glomerata*

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Dactylorhiza incarnata agg.

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Dactylorhiza maculata

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< (*Dactylorhiza fuchsii*)

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Dactylorhiza majalis s.str.

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Danthonia decumbens

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Daphne mezereum

Daucus - Empetrum

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Daucus carota

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Dentaria bulbifera

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Dentaria enneaphyllos

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Deschampsia cespitosa
s.str.

a

Dianthus barbatus

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Dianthus carthusianorum
s.str.

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Digitalis grandiflora

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Dipsacus fullonum

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Doronicum austriacum

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Doronicum grandiflorum

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Draba aizoides s.str.

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Drosera anglica

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Drosera rotundifolia

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Drosera x obovata

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Dryas octopetala

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Dryopteris carthusiana
agg.

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< *Dryopteris carthusiana*
s.str.

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< *Dryopteris dilatata*

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< *Dryopteris filix-mas* agg.

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< *Dryopteris affinis*

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< *Dryopteris filix-mas* s.str.

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Dryopteris villarii
subsp. *villarii*

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Echium vulgare

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Eleocharis palustris

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Eleocharis quinqueflora

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Elymus caninus

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Elymus repens

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Empetrum hermaphroditum

Epilobium - Erigeron

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Epilobium alpestre

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Epilobium alsinifolium

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Epilobium anagallidifolium

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Epilobium angustifolium

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Epilobium ciliatum

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Epilobium collinum

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Epilobium hirsutum

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Epilobium montanum

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Epilobium palustre

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Epilobium parviflorum

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Epilobium roseum

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Epipactis atrorubens

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Epipactis helleborine agg.

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< *Epipactis helleborine s.str.*

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Epipactis palustris

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Epipactis purpurea

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Epipogium aphyllum

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Equisetum arvense

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Equisetum fluviatile

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Equisetum hyemale

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Equisetum palustre

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Equisetum sylvaticum

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Equisetum telmateia

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Equisetum variegatum

Eranthis hyemalis

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Erica camea

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Erigeron acris

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Erigeron annuus

Erigeron - Fallopia

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Erigeron glabratus

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Erigeron uniflorus

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Eriophorum angustifolium

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Eriophorum latifolium

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Eriophorum vaginatum

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Erysimum cheiranthoides

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Eupatorium cannabinum

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Euphorbia amygdaloides

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Euphorbia austriaca

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Euphorbia cyparissias

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Euphorbia dulcis

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< *Euphorbia dulcis*
subsp.*dulcis*

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Euphorbia helioscopia

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Euphorbia peplus s.str.

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Euphorbia platyphyllos

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Euphorbia stricta

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Euphorbia verrucosa

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Euphrasia minima agg.

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< *Euphrasia minima s.str.*

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Euphrasia officinalis
subsp.*rostkoviana*

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Euphrasia picta

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Euphrasia salisburgensis
s.str.

Euphrasia stricta

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Evonymus europaea

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Evonymus latifolia

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Evonymus verrucosa

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Fagus sylvatica

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Fallopia convolvulus

Fallopia - Galium

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Fallopia japonica

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Festuca altissima

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Festuca amethystina
subsp. *amethystina*

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Festuca arundinacea

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Festuca gigantea

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Festuca "ovina agg."

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< *Festuca brevipila*

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Festuca pratensis

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Festuca rubra agg.

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< *Festuca nigrescens*

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< *Festuca rubra s.str.*

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Festuca rupestris

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Festuca violacea agg.

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< *Festuca norica*

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Filipendula ulmaria

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Fragaria moschata

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Fragaria vesca

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Fragaria viridis

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Frangula alnus

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Fraxinus excelsior

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Fumaria vaillantii

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Gagea lutea

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Galeopsis speciosa

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Galeopsis tetrahit agg.

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< *Galeopsis bifida*

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Galinsoga ciliata

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Galium aparine s.str.

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Galium boreale

Galium - Gentianopsis

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Galium mollugo agg.

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< Galium lucidum agg.

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< Galium truniacum

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< Galium album s.str.

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< Galium mollugo s.str.

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Galium noricum

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Galium odoratum

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Galium palustre agg.

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< Galium palustre s.str.

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Galium pusillum agg.

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< Galium anisophyllum

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< Galium pumilum

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Galium rotundifolium

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Galium sylvaticum

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Galium uliginosum

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Galium verum agg.

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< Galium verum s.str.

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Gentiana asclepiadea

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Gentiana bavarica s.str.

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Gentiana clusii

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Gentiana cruciata

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Gentiana nivalis

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Gentiana pannonica

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Gentiana pneumonanthe

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Gentiana verna s.str.

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Gentianella germanica agg.

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< Gentianella aspera

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Gentianopsis ciliata

Gymnocarpium - Hieracium

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Gymnocarpium robertianum

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Gypsophila muralis

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Gypsophila repens

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Hedera helix

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Helianthemum nummularium agg.

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< *Helianthemum grandiflorum s.lat.*

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< *Helianthemum glabrum*

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Helianthus tuberosus

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Helictotrichon pratularei

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Helleborus niger

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Hepatica nobilis

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Heracleum austriacum
subsp.*austriacum*

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Heracleum sphondylium

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< *Heracleum sphondylium*
subsp.*sphondylium*

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Herminium monorchis

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Hesperis matronalis

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Hieracium aurantiacum

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Hieracium bifidum

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Hieracium bupleuroides

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Hieracium caesium

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Hieracium chondrillifolium

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Hieracium dentatum

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Hieracium dollineri

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Hieracium glabratum

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Hieracium glaucinum

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Hieracium glaucum

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Hieracium humile

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Hieracium lachenalii

Hieracium - Hypochaeris

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Hieracium lactucella

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Hieracium laevigatum

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Hieracium murorum

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Hieracium oxyodon

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Hieracium pallescens

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Hieracium pilosella

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Hieracium piloselloides

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Hieracium pilosum

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Hieracium sabaudum

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Hieracium umbellatum

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Hieracium villosum

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Hippocratea comosa

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Hippocratea emerus

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Hippuris vulgaris

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Holcus lanatus

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Holcus mollis

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Homogyne alpina

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Homogyne discolor

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Hordeum europaeum

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Humulus lupulus

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Huperzia selago

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Hypericum hirsutum

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Hypericum maculatum
agg.

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< *Hypericum maculatum*
s.str.

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Hypericum montanum

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Hypericum perforatum

	■	

Hypericum tetrapterum

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Hypochaeris radicata

Hyssopus - Knautia

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Hyssopus officinalis

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Ilex aquifolium

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Impatiens glandulifera

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Impatiens noli-tangere

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Impatiens parviflora

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Inula britannica

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Inula conyzoides

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Iris germanica s.str.

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Iris pseudacorus

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Juglans regia

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Juncus alpinoarticulatus

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Juncus articulatus

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Juncus bufonius agg.

		■

Juncus bulbosus

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Juncus compressus s.str.

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Juncus conglomeratus

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Juncus effusus

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Juncus filiformis

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Juncus inflexus

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Juncus tenuis

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Juncus trifidus agg.

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< Juncus monanthos

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Juniperus communis

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< Juniperus communis subsp. alpina

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< Juniperus communis subsp. communis

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Juniperus sabina

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Kernera saxatilis

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Knautia arvensis s.str.

Knautia - Leontodon

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Knautia maxima

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Koeleria pyramidata agg.

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Laburnum anagyroides

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Lamiastrum galeobdolon agg.

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< *Lamiastrum flavidum*

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< *Lamiastrum montanum*

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Lamium album

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Lamium maculatum

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Lamium purpureum

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Lapsana communis

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Larix decidua

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Laserpitium archangelica

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Laserpitium latifolium

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Laserpitium siler

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Lathraea squamaria

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Lathyrus laevigatus

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< *Lathyrus laevigatus*
subsp. *occidentalis*

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Lathyrus pratensis

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Lathyrus sylvestris

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Lathyrus vernus

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Leersia oryzoides

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Lemna minor

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Lemna trisulca

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Leontodon autumnalis

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Leontodon helveticus

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Leontodon hispidus

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< *Leontodon hispidus*
subsp. *hyoseroides*

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Leontodon incanus

Leontodon - Lunaria

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Leontodon saxatilis

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Leonurus cardiaca

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< *Leonurus cardiaca*
subsp. *vilosus*

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Leucanthemum vulgare
agg.

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< *Leucanthemum*
iricutinum

■		

< *Leucanthemum vulgare*
s.str.

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Leucojum vernum

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Ligusticum mutellina

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Ligustrum vulgare

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Lilium bulbiferum

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Lilium martagon

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Linaria alpina

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Linaria vulgaris s.str.

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Linum catharticum

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Listera ovata

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Lobularia maritima

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Loiseleuria procumbens

S	*	*

Lolium multiflorum

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Lolium perenne

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Lonicera alpigena

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Lonicera caerulea

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Lonicera nigra

A		

Lonicera periclymenum

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Lonicera xylosteum

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Lotus corniculatus agg.

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< *Lotus alpinus*

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< *Lotus corniculatus* s.str.

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Lunaria rediviva

Luzula - Malva

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Luzula campestris agg.

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< *Luzula campestris* s.str.

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< *Luzula multiflora* s.lat.

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		■

< *Luzula multiflora*

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< *Luzula alpina*

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< *Luzula sudetica*

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Luzula glabra

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Luzula luzulina

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Luzula luteolaoides

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Luzula pilosa

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Luzula sylvatica

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Lychnis flos-cuculi

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Lycopodiella inundata

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Lycopodium annotinum

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Lycopodium clavatum

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Lycopus europaeus

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< *Lycopus europaeus*
subsp. *mollis*

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Lysimachia nemorum

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Lysimachia nummularia

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	■	

Lysimachia punctata

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Lysimachia vulgaris

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Lythrum salicaria

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Maianthemum bifolium

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Malaxis monophyllos

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Malus sylvestris

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Malva moschata

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Malva neglecta

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Malva sylvestris

Matricaria - Moehringia

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Matricaria chamomilla

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Matricaria matricarioides

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Medicago lupulina

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Medicago sativa agg.

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< *Medicago falcata*

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< *Medicago x varia*

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Melampyrum pratense

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Melampyrum sylvaticum

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Melica ciliata agg.

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Melica nutans s.str.

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Melilotus albus

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Melilotus officinalis

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Mentha aquatica

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Mentha arvensis

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Mentha longifolia

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Mentha x verticillata agg.

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Menyanthes trifoliata

S		

Mercurialis annua

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Mercurialis perennis s.str.

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Meum athamanticum

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Microrrhinum minus

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Milium effusum

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Mimulus guttatus

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Minuartia cherleroides

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Minuartia gerardii

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Moehringia ciliata

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Moehringia muscosa

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Moehringia trinervia

Molinia - Oenothera

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Molinia caerulea agg.

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< *Molinia arundinacea*

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< *Molinia caerulea* s.str.

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Moneses uniflora

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Monotropa hypopitys agg.

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< *Monotropa hypopitys* s.str.

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Mycelis muralis

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Myosotis arvensis subsp. *arvensis*

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Myosotis palustris agg.

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< *Myosotis nemorosa*

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< *Myosotis scorpioides*

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Myosotis sylvatica agg.

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< *Myosotis alpestris*

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< *Myosotis sylvatica* s.str.

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Narcissus radiiflorus

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Nardus stricta

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Neottia nidus-avis

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Nigritella nigra agg.

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< *Nigritella nigra* s.lat.

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< *Nigritella rhellicani*

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< *Nigritella rubra* s.lat.

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< *Nigritella rubra* s.str.

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< *Nigritella stiriaca*

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Odontites ruber agg.

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< *Odontites vulgaris*

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Oenothera biennis agg.

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< *Oenothera biennis* s.str.

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< *Oenothera erythrosepala*

Omphalodes - Pedicularis

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Omphalodes verna

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Onobrychis vicifolia s.str.

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Ononis spinosa agg.

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< *Ononis spinosa*

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Ophrys insectifera

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Orchis mascula
subsp.*signifera*

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Orchis ustulata

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Origanum vulgare
subsp.*vulgare*

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Orobanche alba

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Orobanche caryophyllea

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Orobanche flava

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Orobanche reticulata

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Orobanche salviae

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Orobanche teucrii

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Orthilia secunda

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Oxalis acetosella

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Oxalis stricta

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Papaver rhoeas

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Paris quadrifolia

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Parnassia palustris

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Parthenocissus
quinquefolia agg.

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< *Parthenocissus inserta*

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Pastinaca sativa
subsp.*sativa*

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Pedicularis palustris

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Pedicularis recutita

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Pedicularis rostratocapitata

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Pedicularis rostratospicata
subsp.*rostratospicata*

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Pedicularis sylvatica

Pedicularis - Pinguicula

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Pedicularis verticillata

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Persicaria bistorta

Persicaria hydropiper

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Persicaria lapathifolia

Persicaria maculosa

Persicaria minor

Persicaria mitis

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Persicaria polystachya

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Persicaria vivipara

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Petasites albus

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Petasites hybridus

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Petasites paradoxus

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Peucedanum oreoselinum

Peucedanum ostruthium

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Phalaris arundinacea

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*Phragmites australis**Phleum alpinum agg.**Phleum commutatum**Phleum rhaeticum**Phleum pratense s.str.*

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Physalis alkekengi

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Phyteuma orbiculare s.str.

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Phyteuma spicatum

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Pimpinella major

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Pimpinella saxifraga s.str.

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Pinguicula alpina

Pinguicula - Polygala

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Pinguicula vulgaris

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Pinus cembra

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Pinus mugo s.str.

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Pinus sylvestris

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Plantago atrata
subsp.*atratia*

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Plantago lanceolata

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Plantago major

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Plantago media s.str.

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Platanthera bifolia

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Platanthera chlorantha

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Pleurospermum austriacum

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Poa alpina

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Poa annua agg.

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< *Poa annua s.str.*

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< *Poa supina*

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Poa compressa

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Poa hybrida

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Poa minor

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Poa nemoralis s.str.

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Poa palustris

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Poa pratensis agg.

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< *Poa pratensis s.str.*

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< *Poa stiriaca*

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Poa remota

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Poa trivialis

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Polygala alpestris
subsp.*alpestris*

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Polygala amara agg.

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< *Polygala amara s.str.*

Polygala - Potentilla

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< *Polygala amara*
subsp.*brachyptera*

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< *Polygala amarella*

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Polygala chamaebuxus

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Polygala vulgaris

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Polygonatum multiflorum

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Polygonatum odoratum

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Polygonatum verticillatum

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Persicaria amphibia

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Polygonum aviculare agg.

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< *Polygonum arenastrum*

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< *Polygonum aviculare*
s.str.

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Polypodium vulgare s.str.

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Polystichum aculeatum
s.str.

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Polystichum lonchitis

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Populus alba

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Populus tremula

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Potamogeton crispus

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Potamogeton gramineus

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Potamogeton lucens

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Potamogeton natans

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Potamogeton pectinatus
s.str.

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Potamogeton perfoliatus

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Potentilla anserina

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Potentilla argentea agg.

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Potentilla aurea

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Potentilla brauneana

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Potentilla caulescens

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Potentilla clusiana

Potentilla - Pyrus

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Potentilla erecta

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Potentilla reptans

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Potentilla verna agg.

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< *Potentilla pusilla*

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< *Potentilla neumanniana*

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Prenanthes purpurea

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Primula auricula

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Primula clusiana

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Primula elatior s.str.

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Primula farinosa

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Prizelago alpina
subsp.*alpina*

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Prunella grandiflora

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Prunella vulgaris

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Prunus avium

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Prunus domestica

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Prunus padus

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Prunus spinosa
subsp.*spinosa*

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Pseudofumaria lutea

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Pseudorchis albida

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Pteridium aquilinum

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Pulicaria dysenterica

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Pulmonaria officinalis agg.

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< *Pulmonaria officinalis*
s.str.

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Pulsatilla alpina s.lat.

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< *Pulsatilla alpina*
subsp.*alpina*

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Pyrola minor

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Pyrola rotundifolia
subsp.*rotundifolia*

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Pyrus communis agg.

Quercus - Rhododendron

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Quercus robur

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Ranunculus aconitifolius

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Ranunculus acris s.str.

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Ranunculus alpestris s.str.

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Ranunculus aquatilis agg.

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< *Ranunculus trichophyllum*

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< *Ranunculus trichoph.*
subsp.*luteolentus*

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Ranunculus auricomus
agg.

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Ranunculus bulbosus
s.str.

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Ranunculus circinatus

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Ranunculus ficaria
subsp.*bulbilifer*

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Ranunculus flammula
s.str.

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Ranunculus hybridus

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Ranunculus lanuginosus

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Ranunculus lingua

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Ranunculus montanus
s.str.

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Ranunculus platanifolius

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Ranunculus polyanthemos agg.

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< *Ranunculus nemorosus*

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Ranunculus repens

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Reseda lutea

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Rhamnus cathartica

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Rhamnus pumila

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Rhamnus saxatilis
subsp.*saxatilis*

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Rhinanthus alectorolophus
subsp.*alectorolophus*

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Rhinanthus glacialis

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Rhinanthus minor

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Rhododendron hirsutum

Rhodothamnus - Rumex

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Rhodothamnus chamaecistus

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Rhynchospora alba

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Ribes alpinum

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Ribes petraeum

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Ribes uva-crispa

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Robinia pseudacacia

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Rorippa palustris

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Rorippa sylvestris s.str.

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Rosa arvensis

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Rosa canina agg.

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Rosa glauca

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Rosa pendulina

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Rosa tomentosa

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Rosa villosa

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Rubus caesius

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Rubus "fruticosus" agg.

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< *Rubus bifrons*

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< *Rubus clusii*

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< *Rubus hirtus* agg.

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Rubus idaeus

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Rubus saxatilis

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Rumex acetosa

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Rumex acetosella s.lat.

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Rumex alpestris

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Rumex alpinus

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Rumex aquaticus

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Rumex conglomeratus

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Rumex crispus

Rumex - Sambucus

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Rumex obtusifolius

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Rumex sanguineus

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Rumex scutatus

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Sagina procumbens

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Sagina saginoides

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Salix appendiculata s.str.

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Salix aurita

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Salix caprea

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Salix cinerea s.str.

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Salix daphnoides

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Salix eleagnos

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Salix fragilis agg.

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< *Salix fragilis s.str.*

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< *Salix x rubens*

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Salix glabra

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Salix myrsinifolia

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Salix myrsinifolia

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Salix purpurea

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Salix retusa agg.

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< *Salix retusa s.str.*

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Salix triandra

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Salix viminalis

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Salix waldsteiniana

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Salvia glutinosa

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Salvia verticillata

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Sambucus ebulus

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Sambucus nigra

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Sambucus racemosa

Sanguisorba - Sedum

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Sanguisorba minor

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Sanguisorba officinalis

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Sanicula europaea

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Saponaria officinalis

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Saxifraga aizoides

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Saxifraga androsacea

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Saxifraga caesia

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Saxifraga paniculata

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Saxifraga rotundifolia

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Saxifraga stellaris
subsp.*robusta*

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Scabiosa columbaria agg.

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< *Scabiosa lucida*

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Scheuchzeria palustris

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Scirpus sylvaticus

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Scorzonera humilis

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Scrophularia nodosa

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Scrophularia umbrosa

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Scutellaria galericulata

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Securigera varia

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Sedum acre

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Sedum album

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Sedum atratum

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Sedum montanum s.str.

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Sedum rupestre agg.

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Sedum sexangulare

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Sedum spurium

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Sedum telephium agg.

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< *Sedum maximum*

Sedum - Sisymbrium

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< *Sedum telephium* s.str.

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Selaginella helvetica

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Selaginella selaginoides

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Selinum carvifolia

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Sempervivum tectorum

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Senecio abrotanifolius

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Senecio aquaticus agg.

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Senecio "nemorensis" agg.

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< *Senecio "nemorensis"*

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< *Senecio ovatus*

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Senecio subalpinus

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Senecio sylvaticus

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Senecio viscosus

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Senecio vulgaris

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Seseli austriacum

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Sesleria varia agg.

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< *Sesleria albicans*

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Silene acaulis s.str.

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Silene alpestris

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Silene dioica

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Silene latifolia

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Silene nutans subsp. *nutans*

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Silene pusilla s.lat.

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Silene vulgaris

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< *Silene vulgaris* subsp. *glareosa*

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< *Silene vulgaris* subsp. *vulgaris*

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Sinapis arvensis

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Sisymbrium officinale

Sisymbrium - Succisa

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Sisymbrium strictissimum

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Solanum dulcamara

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Solanum lycopersicum

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Solanum nigrum

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Soldanella alpina

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Soldanella montana

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Soldanella pusilla

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Solidago canadensis

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Solidago gigantea

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Solidago virgaurea

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< *Solidago virgaurea*
subsp. *minuta*

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< *Solidago virgaurea*
subsp. *virgaurea*

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Sonchus asper

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		■	

Sonchus oleraceus

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Sorbus aria agg.

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< *Sorbus aria* s.str.

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Sorbus aucuparia

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Sorbus chamaemespilus

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Sparganium erectum

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Stachys alpina

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Stachys palustris

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Stachys sylvatica

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Stellaria alsine

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Stellaria graminea

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Stellaria media s.str.

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Stellaria nemorum s.str.

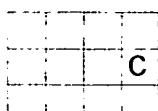
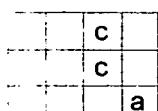
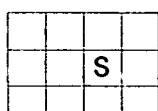
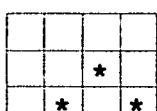
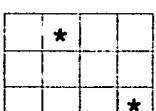
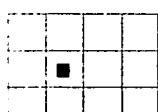
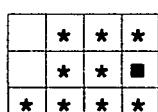
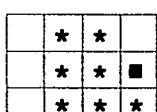
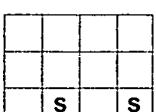
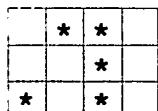
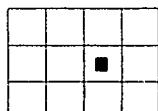
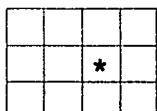
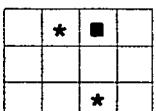
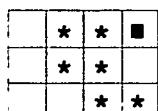
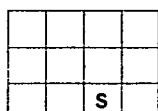
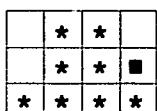
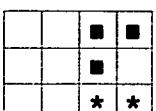
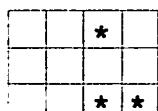
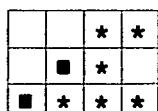
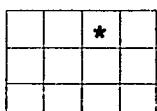
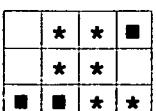
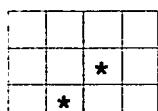
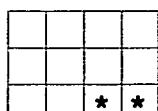
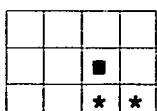
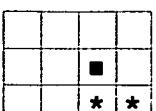
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Streptopus amplexifolius

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Succisa pratensis

Succisella - Thymus

*Succisella inflexa**Symphoricarpos rivularis**Symphytum officinale
s.str.**Symphytum tuberosum
s.lat.**Syringa vulgaris**Tanacetum parthenium**Tanacetum vulgare**Taraxacum alpinum agg.**Taraxacum cucullatum
agg.**Taraxacum officinale agg.**Taxus baccata**Telekia speciosa**Tephroseris crispa**Tephroseris longifolia agg.*< *Tephroseris tenuifolia**Teucrium chamaedrys**Teucrium montanum**Teucrium scorodonia**Thalictrum aquilegiifolium**Thalictrum lucidum**Thalictrum minus s.str.**Thelypteris limbosperma**Thelypteris palustris**Thesium alpinum**Thlaspi arvense**Thymus chamaedrys agg.**Thymus praecox s.str.*< *Thymus praecox*
subsp. *polytrichus*

Thymus - Utricularia

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Thymus pulegioides

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Tilia cordata

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Tilia platyphyllos

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Tofieldia calyculata

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Tozzia alpina

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Tragopogon orientalis

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Trichophorum alpinum

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Trichophorum cespitosum
s.str.

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Trifolium aureum

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Trifolium dubium s.str.

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Trifolium hybridum

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Trifolium medium
subsp. medium

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Trifolium montanum

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Trifolium pratense

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< *Trifolium pratense*
subsp. *pratense*

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Trifolium repens

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Triglochin palustre

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Tripleurospermum inodorum

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Triisetum flavescens agg.

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< *Triisetum flavescens*
s.str.

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Trollius europaeus

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Tussilago farfara

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Typha angustifolia

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Typha latifolia

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Ulmus glabra

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Urtica dioica

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Utricularia minor s.str.

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Utricularia vulgaris s.str.

Vaccinium - Veronica

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Vaccinium myrtillus

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Vaccinium oxycoccus
agg.

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< *Vaccinium oxycoccus*
s.str.

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Vaccinium uliginosum agg.

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< *Vaccinium uliginosum*
s.str.

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Vaccinium vitis-idaea

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Valeriana dioica s.str.

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Valeriana montana

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Valeriana officinalis agg.

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< *Valeriana officinalis* s.str.

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< *Valeriana sambucifolia*

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Valeriana saxatilis

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Valeriana triptera

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Veratrum album

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Verbascum alpinum

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Verbascum nigrum

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< *Verbascum thapsus* s.str.

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Verbena officinalis

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Veronica agrestis

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Veronica alpina
subsp.*pumila*

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Veronica aphylla

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Veronica arvensis

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Veronica beccabunga

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Veronica chamaedrys
s.str.

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< *Veronica chamaedrys*
subsp.*micans*

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Veronica filiformis

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Veronica fruticans

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Veronica montana

Veronica - Viola

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Veronica officinalis

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Veronica persica

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Veronica scutellata

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Veronica serpyllifolia

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< *Veronica serpyllifolia*
subsp. *humifusa*

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Veronica urticifolia

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Viburnum lantana

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Viburnum opulus

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Vicia cracca agg.

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< *Vicia cracca* s.str.

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Vicia dumetorum

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Vicia oroboides

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Vicia sativa agg.

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Vicia sepium

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Vicia sylvatica

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Vicia tetrasperma s.str.

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Vinca minor

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Vincetoxicum hirundinaria

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Viola biflora

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Viola canina

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Viola collina

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Viola hirta

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(*Viola hirta* x *odorata*)

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Viola mirabilis

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Viola odorata

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Viola palustris

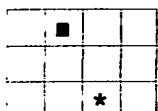
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Viola reichenbachiana

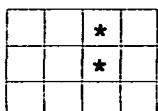
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Viola riviniana

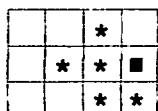
Viola -



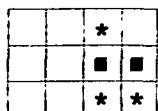
Viola rupestris



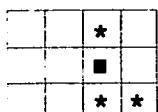
Viola tricolor agg.



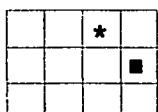
Viscum album agg.



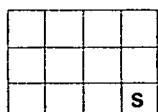
< *Viscum abietis*



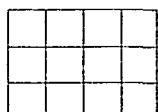
< *Viscum album s.str.*



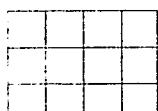
< *Viscum laxum*



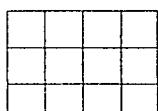
Xerolekia speciosissima



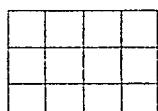
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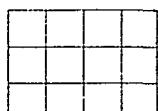
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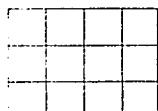
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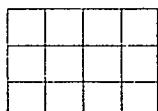
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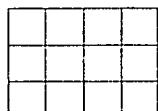
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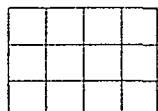
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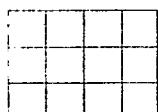
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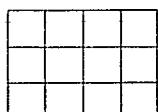
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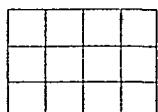
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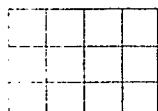
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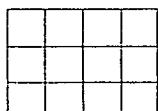
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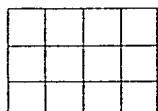
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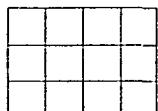
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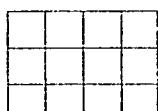
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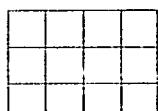
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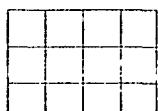
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Jahr/Year: 2000

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