

EMBAL survey 2023

Annex 6.9

Indicator species photo guide

Developed for the project

“European monitoring of biodiversity in agricultural landscapes (EMBAL)”

A project for the

EUROPEAN COMMISSION

DG Environment - Directorate D: Natural Capital



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Purpose of this photo guidance

This photo guidance has been developed for the project “**European monitoring of biodiversity in agricultural landscapes (EMBAL)**”. One part of the EMBAL survey is the **identification of plant species belonging to certain groups of “indicator species”**, which serve as indicators for overall biodiversity.

The surveyors recording the indicator species shall use this photo guidance as help for the identification of indicator plants in the field. Most “indicator species” are species groups comprising a group of species of one or several genera. The **photo guidance only comprises typical examples of the indicator species groups**. The photo guidance also shows flower colors commonly exhibited by the different indicator species. Unless specified in the title of an indicator species group, plants with flower colors not occurring on the explanation page may also be considered.

It is recommended to utilize specialized books on plant identification for becoming familiar with the characteristics of a certain indicator species group. The following field guides offer good explanations and illustrations of genus and species characteristics:

Suitable field guides to be recommended are for example the following:

for Northern Europe: FITTER, A., ATTENBOROUGH, D. (1987): Wild flowers of Britain and Northern Europe. Collins, London. for Central Europe: FITTER, R., FITTER, A., BLAMEY, M. (2007): Parey`s Blumenbuch. Kosmos, Stuttgart.

for Mediterranean Regions: BLAMEY, M., GREY-WILSON, C. (2015): Wild Flowers of the Mediterranean. Bloomsbury, London.

Plant identification apps for smartphones may also facilitate the identification of a given plant. The following applications allow for quick plant identification to family and genus level:

iNaturalist and it's companion application **Seek**

Flora incognita

Pl@ntnet

Content of this photo guidance

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Part I – Arable land

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Anagallis sp.

Pimpernel

Syn: *Lysimachia* sp.

Common flower colours	
Orange	Blue
	



Anagallis arvensis / scarlet pimpernel



Anagallis foemina / blue pimpernel

Apiaceae white/yellow flowering

Carrot family

Common flower colours	
White	Yellow
	



Ammi majus / bishop's weed



Aethusa cynapium / fool's parsley



Daucus carota / wild carrot



Ridolfia segetum / false fennel



Ferula communis / giant fennel

Asteraceae yellow flowering

Sunflower family
– yellow flowering

Common flower colours

Yellow



© Krzysztof Golik

Andryala integrifolia



© Iorsh

Pollenis spinosa / Spiny Starwort



© Harry Rose

Hypochaeris glabra
/ smooth cat's ear



© Robert Flogaus-Faust

Calendula arvensis
/ field marigold



© Laitche

Chrysanthemum coronarium
(Syn.: *Glebionis coronaria*)
/ garland chrysanthemum



© Eugene Zelenko

Centaurea solstitialis
/ yellow starthistle



© Uoaei1

Tragopogon pratensis
/ meadow salsify

Asteraceae with mixed white-yellow flowers

Chamomile

Common flower colours	
Mixed flowers with the following colors:	



Cota austriaca Syn. *Anthemis austriaca*
Austrian mayweed



Anthemis ruthenica



Anthemis arvensis / corn chamomile



Matricaria chamomilla Syn. *Matricaria recutita*
German chamomile



Matricaria perforata Syn. *Triplospermum perforatum*
Scentless mayweed



Anthemis cotula / mayweed, stinking chamomile

Carduus sp., Cirsium sp.

Plumeless thistle,
plume thistle

Common flower colours	
Magenta	Purple
	



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© Heinrich Pniok



© Sciadopitys

Cirsium arvense / Creeping thistle

Cirsium vulgare / Common thistle



© Monedula



© Dalgial

Carduus crispus / Weltered thistle



© Xemenendura



© Xemenendura

Carduus carpetanus /

Centaurea cyanus

Cornflower

Common flower colours	
Blue	Purple
	



Centaurea cyanus / Cornflower

***Consolida* sp.**

Larkspur

Syn: *Delphinium* sp.

Common flower colours	
Magenta	Purple
	
Blue	
	



Consolida orientalis Syn.: *Delphinium hispanicum* /
Oriental knight's-spur



Consolida regalis Syn.: *Delphinium consolida* / Field larkspur



Erodium sp., *Geranium* sp.

Storksbill
and Cranebill

Common flower colours	
White	Purple
Magenta	



© Krzysztof Ziarnek
Erodium cicutarium
/ Common stork's-bill



© Zeynel Cebeci -



© Luis Fernández García

Geranium dissectum / Cut leaved Crane's bill



© Rudolphous



© Helge-Klaus Rieder

Geranium pusillum / Small flowered cranesbill

Euphorbia sp.

Spurge

Common flower colours	
Green	



© Krzysztof Ziarnek

Euphorbia exigua



© Björn S.

Euphorbia helioscopia / Sun spurge



© Leo Michels

Euphorbia platyphyllos

Fabaceae blue/magenta/ purple/red flowering)

Pea family
(blue/magenta/purple/
red flowering)

Common flower colours	
Magenta	Red
	
Blue	Purple
	



Vicia angustifolia / Common vetch



Trifolium arvense / Hare's-foot clover



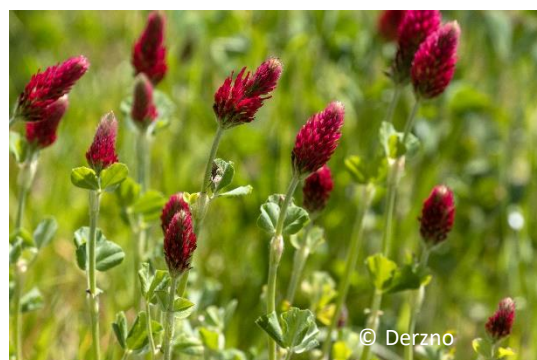
Trifolium stellatum /
Starry clover



Lathyrus tuberosus / Tuberous pea



Medicago sativa / Alfalfa



Trifolium incarnatum / Crimson clover



Vicia benghalensis Syn.atropurpurea / Purple vetch

Fabaceae (yellow flowering)

Pea family (yellow flowering)

Common flower colours

Yellow



Vicia hybrida / Hairy yellow vetch



Lotus corniculatus / Common bird's-foot trefoil



Medicago lupulina / Black medick



Lotus subbiflorus / Hairy bird's-foot trefoil

Fumaria sp.

Fumitory

Common flower colours	
White	Mixed
	At least 2 colours.
Magenta	Purple



Fumaria parviflora
fineleaf fumitory



Fumaria agraria



Fumaria officinalis / Common fumitory

Galeopsis sp.

Hemp-nettle

Common flower colours	
White	Mixed
	At least 2 colours.
Magenta	Purple



Galeopsis angustifolia /
Narrowleaf hempnettle



Galeopsis ladanum



Galeopsis speciosa

Lamium sp.

Dead-nettle

Common flower colours	
White	Yellow
Magenta	Purple



© Robert Flogaus-Faust



© Willow

Lamium maculatum / Dead nettle



© Teuns Spaans

Lamium galeobdolon / yellow archangel



© Agnieszka Kwiecień

Lamium album / white dead nettle



© Kaldari

Lamium amplexicaule / Henbit deadnettle

***Myosotis* sp.**

Forget-me-not

Common flower colours	
Blue	Mixed
	At least 2 colours.



© AnRo0002



© Darkone



© Krzysztof Ziarnik



© Kristian Peters

Myosotis arvensis / Field forget-me-not*Myosotis discolor* / Changing forget-me-not***Papaver* sp.**

Poppy

Common flower colours	
Red	



© Jörg Hempel

Papaver rhoeas / Common Poppy

© Björn S.

Papaver dubium / Long-headed Poppy

© Adrian198cm

Papaver argemone / Pale Poppy

***Ranunculus* sp.**

Buttercup

Common flower colours	
White	Yellow
Mixed	
At least 2 colours.	



© Stefan.lefnaerl

Ranunculus arvensis / Field Buttercup

© Jörg Hempel

Ranunculus repens
Creeping Buttercup

© Meneerke bloem

Ranunculus sardous
Hairy Buttercup***Silene* sp.**

Campion

Common flower colours	
White	Magenta



© Homer Edward Price

Silene noctiflora / Night-flowering Catchfly

© Oleg Kosterin



© Stefan.lefnaerl

Silene dichotoma /
Forked catchfly

© George Chernilevsky

Silene viscaria /
Clammy campion

© Strobilomyces

Silene dioica / Red
campion

Thlaspi arvense

Field pennycress

Common flower colours	
White	



Thlaspi arvense / Field pennycress

Veronica sp.

Speedwell

Common flower colours	
Blue	Mixed
	At least 2 colours.



Veronica acinifolia
French Speedwell



Veronica agrestis
Green field-speedwell



Veronica praecox / Breckland speedwell

***Viola* sp.**

Violet

Common flower colours	
Mixed	Purple
At least 2 colours.	

*Viola arvensis* / Field pansy*Viola tricolor* / Wild pansy*Viola kitaibeiliana* / Dwarf violet

Part II – Grassland

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Apiaceae

Carrot family

Common flower colours	
White	Yellow



Anthriscus sylvestris / Cow parsley



© Qwert1234



Heracleum sphondylium/ Common hogweed



© I. Noebse



Pimpinella saxifraga /
Burnet-saxifrage



© Michele Adorni



© Jcart1534



© Stefan.lefnaer



© Hectonichos

Daucus carota / Wild carrot

Peucedanum cervaria /



© Patrice78500



© Jean-Pol GRANDMONT

Ferula communis / Giant fennel

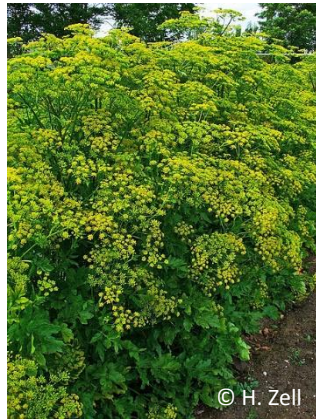


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Thapsia villosa / Villous deadly carrot



© H. Zell



© Rasbak

Pastinaca sativa / Parsnip

***Campanula* sp.**

Bellflower

Common flower colours	
Magenta	Purple
	
Blue	
	

*Campanula patula* / Spreading bellflower

© Franz Xaver



© Hans Hillewaert



© Xemenendura

Campanula hispanica /

/ Harebell



© Bernd Haynold



© Anneli Salo



© Le Loup Gris

Campanula sibirica /
Alpine bellflower

© Gideon Pisanty



© jacilluch

Campanula erinus /

**Centaurea sp.,
Serratula tinctoria**

Knapweed &
saw-wort

Common flower colours	
Magenta	Purple
	
Blue	
	



© Franz Xaver



© Kristian Peters

Centaurea jacea / Brown knapweed



© Michele Adorni

Centaurea deusta / Pale knapweed



© MarkusHagenlocher



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Centaurea scabiosa / Greater knapweed



© Franz Xaver



© Kristian Peters

Serratula tinctoria / Saw-wort



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Centaurea triumfetti / Squarrose knapweed

***Cirsium* sp.,
Carduus sp.,
Carlina sp.,
Echinops sp.,
*Eryngium planum***

Thistle, eryngo &
globe thistle

Common flower colours	
Magenta	Purple
	
White	Yellow
	
Green	Blue
	



© Robert Flogaus-Faust

Cirsium palustris / Marsh thistle

© Pethan



© Javier martin

Cirsium pyrenaicum /

© Javier martin



© Vigerente

Cirsium eriophorum / Woolly thistle

© H. Zell



© Franz Xaver

Carduus pycnocephalus / Italian plumeless thistle

© Franz Xaver



© Monedula

Carduus crispus / Welled thistle

© Dalgial



© Xemenendura

Carduus carpetanus

© Xemenendura



© Javier martin

Centaurea calcitrapa / Red star-thistle

© Solanum



© Michele Adorni

Cirsium acaule / Dwarf thistle



© Xemenenaura

Centaurea amblensis /



© Isidre blanc

Carlina acaulis / Silver thistle



© John030Walsh

Carlina lanata /



© Philmarin



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© Hajothu

Carlina vulgaris / Carline thistle



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Carlina racemosa /



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Cirsium oleraceum / Siberian thistle



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Echinops ritro / Southern globethistle



© Stefan.lefnaer



© Pethan

Echinops bannaticus / Blue globe-thistle



© Bogdan



© Bernard Dupont

Eryngium planum / Blue eryngo

***Juncus* sp.**

Rush



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Juncus effusus / Common rush*Juncus conglomeratus* / Compact rush

© Christian Fischer



© Ivar Leidus

Juncus articulatus / Jointleaf rush

Myosotis sp.

Forget-me-not

Common flower colours	
Blue	Mixed
	At least 2 colours.



Myosotis palustris / True forget-me-not



Myosotis arvensis / Field forget-me-not



Myosotis ramosissima / Early forget-me-not



Myosotis stolonifera /



Myosotis sicula /



Orchidaceae

Orchid family

Common flower colours	
White	Yellow
Orange	Red
Magenta	Purple
Blue	Green
Mixed	
At least 2 colours.	



Orchis morio /
Green-winged orchid



Dactylorhiza maculata /
Heath spotted-orchid



Dactylorhiza sambucina /
Elder-flowered orchid



Ophrys apifera /
Bee orchid



Anacamptis pyramidalis /
Pyramidal orchid



Cypripedium calceolus / Lady's Slipper Orchid



Listera ovata / Eggleaf twayblade



Neotinea ustulata /
Burnt orchid



Anacamptis papilionacea /
Pink butterfly orchid



© Angebernard



Himantoglossum hircinum /
Lizard orchid



© BerndH



L: *Gymnadenia conopsea* / Chalk fragrant orchid
R: *Gymnadenia rhellicani* / Dark vanilla orchid



© Orchi

***Scabiosa* sp.,
Knautia sp.,
Succisa sp.**

Scabious & widow

Common flower colours	
Magenta	Purple
	



© Michael Burgholzer



© AnRo0002

Scabiosa columbaria / Small scabious



© Lee Raye



© H. Zell

Knautia arvensis / Field scabious



© Xemenendura

Scabiosa atropurpurea / Mournful widow



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© Stefan Iefnaer

Succisa pratensis / Devil's-bit scabious



© H.

***Silene* sp.
Dianthus sp.**
magenta flowering

Campion
(only magenta
flowering species),
pink & ragged-robin

Common flower colours
Magenta



Silene dioica / Red campion



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Silene viscaria / Clammy campion



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Dianthus carthusianorum / Carthusian pink



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Dianthus deltoides / Maiden pink



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Dianthus armeria / Deptford pink



© Stan Shebs

Dianthus superbus / Large pink



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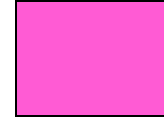
Dianthus balbisii /

Trifolium sp.

(only magenta/red
flowering species)

Clover

(only magenta/red
flowering species)

Common flower colours	
Magenta	Red
	



© Rob Hille

Trifolium pratense / Red clover



© H. Zell



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Trifolium medium / Zigzag clover



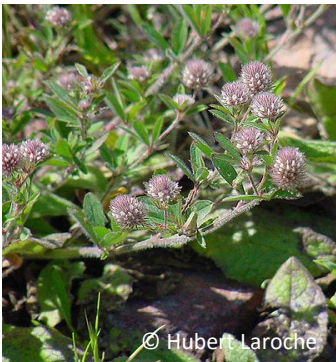
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Trifolium striatum / Knotted clover



© Marco Iocchi

Trifolium alpestre / Alpine clover



© Hubert Laroche

Trifolium arvense / Hare's-foot clover



© Michael Becker

Trifolium tomentosum / Woolly clover



© Krzysztof Ziarnik



© Michele Adorni

Trifolium resupinatum / Reversed clover



© Christian Fischer

Trifolium fragiferum / Strawberry clover



© Franz Xaver

Trifolium rubens / Red feather



© Hans Hillewaert

Trifolium stellatum / Starry clover



© Alvesgaspar

Trifolium angustifolium / Narrow clover

***Coronilla* sp.,
Lotus sp.,
Medicago sp.,
Trifolium sp.,**

(only yellow flowering species)

Medick, lucerne,
clover, trefoil, vetch
& dragon's teeth
(only yellow flowering species)

Common flower colours

Yellow



Medicago lupulina / Black medick



Medicago falcata / Yellow lucerne



Medicago minima / Little bur-clover



Lotus corniculatus / Common bird's-foot trefoil



Trifolium dubium / Lesser trefoil



Trifolium campestre / Hop trefoil



Coronilla minima /

***Vicia* sp.,
Lathyrus sp.,
Astragalus sp.**

(only blue+purple flowering species)

Vetch, milkvetch & pea

(only blue+purple flowering species)

Common flower colours	
Blue	Purple



Vicia angustifolia / Common vetch



Vicia tenuifolia / Bramble vetch



Astragalus danicus / Purple milk-vetch



Vicia cracca / Tufted vetch



Vicia bithynica / Bithynian vetch



Vicia sepium / Bush vetch



Lathyrus angulatus / Angled pea



Astragalus onobrychis



© Stefan Iefnaer



© Hans Hillewaert

Part III – Structural species

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Shrub, brushwood, bramble



© Frank Vincentz



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Rubus fruticosus / Black berry

Prunus spinosa / Blackthorn



© Juandev



© Michael Becker



© Sakurai Midori



© András Schmotzer

Rosa canina / Dog rose

Shrubs



© Drow male

Retama sphaerocarpa /



© A. Barra

Genista scorpius /



© A. Barra

Cistus clusii /



© Nanosanchez

Thistles

Cirsium sp.,
Carduus sp.,
Eryngium campestre
Echinops sp.
Dipsacus sp.
 etc.

**Asteraceae with spines/
 thorns and a tendency to
 dominate habitats,
 commonly called
 “thistles”.**

**Only dominating species
 as a sign of fallow / ruderal
 grassland.**



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Cirsium arvense / Creeping thistle

Scolymus hispanicus / Spanish oyster thistle



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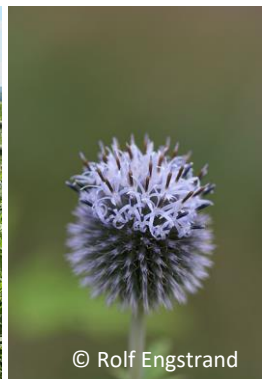


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Silybum marianum / Blessed milkthistle



© Katrin Schneider



© Rolf Engstrand

Echinops exaltatus / Tall globe thistle



© Bernd Haynold



© Bernd Haynold

Eryngium campestre / Field eryngo



© Notafly2



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Dipsacus fullonum / Wild teasel

Docks

Rumex sp.



Rumex obtusifolius / Broad-leaved dock



Rumex crispus / Curled dock



Rumex alpinus / Alpine dock

Rushes

Juncus sp.



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Juncus acutus / Spiny rush

Juncus spec. / Rushes



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Juncus acutiflorus / Sharp-flowered rush



© Kenraiz



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© Fabelfroh

Juncus squarrosus / Heath rush

Juncus infexus / Hard rush

Sedges

Carex sp.



© AnRo0002

Carex acutiformis / Lesser pond-sedge



© Artem Topchiy

Carex acuta /
Acute sedge



© Petr Filippov



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Carex distans / Distant sedge



© Fabelfroh



© Kenraiz

Carex vesicaria / Blister sedge



© Kenraiz



© Kenraiz

Carex paniculata / Greater tussock-sedge



© Kenraiz

Carex praecox / Spring sedge



© Stefan Jelfnaer



© Christian Fischer

Carex arenaria /
Sand sedge



© Stemonitis

Carex hirta /
Hairy sedge

Wood small reed

Calamagrostis sp.



Calamagrostis epigejos / Wood small-reed



Calamagrostis arundinacea

Source of the photos / photo authors / photo credits

Thanks a lot to all photo authors who made their photos available and thus making it possible to develop this illustrated guidance.

Part I – Arable land

Group	Photo	Author	Page	Download date	License and Link
Anagallis	Anagallis arvensis	Juandev	5	07.04.2020	By Juandev - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=16899094
Anagallis	Anagallis foemina	Hans Hillewaert	5	25.01.2023	By © Hans Hillewaert, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=3880422
Apiaceae	Aethusa cynapium	H. Zell	5	25.01.2023	By H. Zell – Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=8951747
Apiaceae	Ammi majus	H. Zell	5	18.03.2020	By H. Zell - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=9021308
Apiaceae	Daucus carota	Sandy Wolkenberg	5	25.01.2023	By Sandy Wolkenberg - https://www.inaturalist.org/photos/148176323 , CC BY 4.0, https://commons.wikimedia.org/w/index.php?curid=108104549
Apiaceae	Ferula communis	Jean-Pol GRANDMONT	5	05.09.2016	By Jean-Pol GRANDMONT - Own work, CC BY 3.0, https://commons.wikimedia.org/w/index.php?curid=4495317
Apiaceae	Ridolfia segetum	Gideon Pisanty	5	26.01.2023	By Gideon Pisanty (Gidip) גידעון פייזנט - Own work, CC BY 3.0, https://commons.wikimedia.org/w/index.php?curid=30907796
Asteraceae (yellow)	Andryala integrifolia	Krzysztof Golik	6	07.04.2020	By Krzysztof Golik - Own work, CC BY-SA 4.0, https://commons.wikimedia.org/w/index.php?curid=80627695
Asteraceae (yellow)	Calendula arvensis	Robert Flogaus-Faust	6	09.04.2020	By Robert Flogaus-Faust - Own work, CC BY 4.0, https://commons.wikimedia.org/w/index.php?curid=81916952
Asteraceae (yellow)	Centaurea solstitialis	Eugene Zelenko	6	25.01.2023	By Eugene Zelenko - Own work, CC BY-SA 4.0, https://commons.wikimedia.org/w/index.php?curid=7362738
Asteraceae (yellow)	Chrysanthemum coronarium	Laitche	6	25.01.2023	By Laitche - Own work, Public Domain, https://commons.wikimedia.org/w/index.php?curid=4037239
Asteraceae (yellow)	Hypochaeris glabra	Harry Rose	6	07.04.2020	By Harry Rose from South West Rocks, Australia - Hypochaeris glabra head2, CC BY 2.0, https://commons.wikimedia.org/w/index.php?curid=40470994
Asteraceae (yellow)	Pallenis spinosa	Iorsh	6	07.04.2020	Public Domain, https://commons.wikimedia.org/w/index.php?curid=1197595
Asteraceae (yellow)	Tragopogon pratensis	Uoaei1	6	14.07.2016	By Uoaei1 - Own work, CC BY-SA 4.0, https://commons.wikimedia.org/w/index.php?curid=37348092
Asteraceae Chamomiles	Anthemis arvensis	Josep Gestí	7	26.01.2023	By Josep Gestí - Own work, CC BY-SA 4.0, https://commons.wikimedia.org/w/index.php?curid=112098988
Asteraceae Chamomiles	Anthemis austriaca	Stefan Iefnaer	7	26.01.2023	By Stefan Iefnaer - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=27417931
Asteraceae Chamomiles	Anthemis cotula	NY State IPM Program	7	26.01.2023	By NY State IPM Program at Cornell University from New York, USA - Anthemis cotula - flowers, CC BY 2.0, https://commons.wikimedia.org/w/index.php?curid=110359439
Asteraceae Chamomiles	Anthemis ruthenica	Krzysztof Ziarnik	7	26.01.2023	By Krzysztof Ziarnik, Kenraiz - Own work, CC BY-SA 4.0, https://commons.wikimedia.org/w/index.php?curid=126095011

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Asteraceae Chamomiles	Matricaria_chamomilla	Josep Gestí	7	26.01.2023	By Josep Gestí - Own work, CC BY-SA 4.0, https://commons.wikimedia.org/w/index.php?curid=116937110
Asteraceae Chamomiles	Matricaria_perforata	Xemenendura	7	26.01.2023	By Xemenendura - Own work, CC BY-SA 4.0, https://commons.wikimedia.org/w/index.php?curid=12048836
Carduus etc.	Carduus_carpetanus_1	Xemenendura	8	11.03.2021	By Xemenendura - Own work; CC BY-SA 4.0, https://commons.wikimedia.org/wiki/File:Carduus_carpetanus_4.JPG
Carduus etc.	Carduus_carpetanus_2	Xemenendura	8	11.03.2021	By Xemenendura - Own work; CC BY-SA 4.0, https://commons.wikimedia.org/wiki/File:Carduus_carpetanus_1.JPG (photo detail)
Carduus etc.	Carduus_crispus_1	Monedula	8	13.07.2016	Photo by monedula ; Public Domain, https://commons.wikimedia.org/w/index.php?curid=220349
Carduus etc.	Carduus_crispus_2	Dalgial	8	13.07.2016	By Dalgial - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=9757093
Carduus etc.	Cirsium_arvense_1	AnemoneProjectors	8	30.01.2023	By AnemoneProjectors (talk) - Creeping Thistle (Cirsium arvense), CC BY-SA 2.0, https://commons.wikimedia.org/w/index.php?curid=75305020
Carduus etc.	Cirsium_arvense_2	Krzysztof Ziarnik	8	30.01.2023	By Krzysztof Ziarnik, Kenraiz - Own work, CC BY-SA 4.0, https://commons.wikimedia.org/w/index.php?curid=120783023
Carduus etc.	Cirsium_vulgare_1	Heinrich Pniok	8	30.01.2023	Von I, Heinrich Pniok, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=11011493
Carduus etc.	Cirsium_vulgare_2	Sciadopitys	8	30.01.2023	Von Sciadopitys from UK - Cirsium vulgare, CC BY-SA 2.0, https://commons.wikimedia.org/w/index.php?curid=20413171
Centaurea cyanus	Centaurea_cyanus_1	Björn S	9	26.01.2023	By Björn S... - Cornflower - Centaurea cyanus, CC BY-SA 2.0, https://commons.wikimedia.org/w/index.php?curid=50154767
Centaurea cyanus	Centaurea_cyanus_1	Tauri Pärna	9	26.01.2023	By Tauri Pärna - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=23024107
Consolida	Consolida_regalis_1	AnRo0002	9	30.01.2023	By AnRo0002 - Own work, CC0, https://commons.wikimedia.org/w/index.php?curid=40756582
Consolida	Consolida_regalis_2	Agnieszka Kwiecień	9	30.01.2023	By Agnieszka Kwiecień, Nova - Own work, CC BY-SA 4.0, https://commons.wikimedia.org/w/index.php?curid=98375107
Consolida	Consolida_orientalis	Miguel Ángel García	9	30.01.2023	By Miguel Ángel García. from Ólvega., España - Consolida orientalis.Espuela de caballero., CC BY 2.0, https://commons.wikimedia.org/w/index.php?curid=10683699
Erodium etc.	Erodium_cicutarium	MurielBendel	10	30.01.2023	By MurielBendel – Own work, CC BY-SA 4.0, https://commons.wikimedia.org/w/index.php?curid=43335096
Erodium etc.	Geranium_dissectum_1	Zeynel Cebeci	10	30.01.2023	By Zeynel Cebeci - Own work, CC BY-SA 4.0, https://commons.wikimedia.org/w/index.php?curid=88807861
Erodium etc.	Geranium_dissectum_2	Luis Fernández García	10	30.01.2023	By Luis Fernández García - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=32430664
Erodium etc.	Geranium_pusillum_1	Rudolphous	10	30.01.2023	By Rudolphous - Own work, CC BY-SA 4.0, https://commons.wikimedia.org/w/index.php?curid=92283466
Erodium etc.	Geranium_pusillum_2	Helge Klaus Rieder	10	30.01.2023	By Helge Klaus Rieder - Own work, CC0, https://commons.wikimedia.org/w/index.php?curid=90491907
Euphorbia	Euphorbia_exigua	Krzysztof Ziarnik	10	26.01.2023	By Krzysztof Ziarnik, Kenraiz - Own work, CC BY-SA 4.0, https://commons.wikimedia.org/w/index.php?curid=106506104
Euphorbia	Euphorbia_helioscopia	Björn S.	10	26.01.2023	By Björn S... - Sun Spurge - Euphorbia helioscopia, CC BY-SA 2.0, https://commons.wikimedia.org/w/index.php?curid=40042721
Euphorbia	Euphorbia_playtphyllos	Leo Michels	10	26.01.2023	Von Leo Michels - Eigenes Werk, www.imagines-plantarum.de, CC0, https://commons.wikimedia.org/w/index.php?curid=15288575
Fabaceae blue etc.	Lathyrus_tuberosus	Franz Xaver	11	30.01.2023	By Franz Xaver - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=16239179

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Fabaceae blue etc.	Medicago_sativa	Matt Lavin	11	30.01.2023	By Matt Lavin - Flickr: Medicago sativa, CC BY-SA 2.0, https://commons.wikimedia.org/w/index.php?curid=15427846
Fabaceae blue etc.	Trifolium_arvense_1	Hubert Laroche	11	23.08.2016	By Denbert (Hubert Laroche) – Own work, CC BY 2.5, https://commons.wikimedia.org/w/index.php?curid=2246884 (photo detail)
Fabaceae blue etc.	Trifolium_arvense_2	Michael Becker	11	23.08.2016	By Michael Becker - taken by Michael Becker, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=222746
Fabaceae blue etc.	Trifolium incarnatum	Derzno	11	30.01.2023	By Derzno - Own work, CC BY-SA 4.0, https://commons.wikimedia.org/w/index.php?curid=78959749
Fabaceae blue etc.	Trifolium stellatum	Hans Hillewaert	11	30.01.2023	By © Hans Hillewaert, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=4094956
Fabaceae blue etc.	Vicia_angustifolia_1	Fornax	11	23.08.2016	By Fornax - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=4029407
Fabaceae blue etc.	Vicia_benghalensis	Xemenendura	11	30.01.2023	By Xemenendura - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=25912896
Fabaceae yellow	Lotus_corniculatus_1	Martin Olsson	11	17.03.2021	By Martin Olsson (Mnemo) - Own work; CC BY-SA 3.0; https://commons.wikimedia.org/wiki/File:Karringtand.jpg (photo detail)
Fabaceae yellow	Lotus_corniculatus_2	Walter Siegmund	12	14.07.2016	By Walter Siegmund (talk) - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=7726296
Fabaceae yellow	Lotus_subbiflorus	Harry Rose	12	30.01.2023	By Harry Rose; CC BY 2.0, https://commons.wikimedia.org/w/index.php?curid=40352006
Fabaceae yellow	Medicago_lupulina_1	Rasbak	12	14.07.2016	By Rasbak - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=11386462 (photo detail)
Fabaceae yellow	Medicago_lupulina_2	Sten Porse	12	14.07.2016	By Sten Porse – Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=6986615 (photo detail)
Fabaceae yellow	Vicia_hybrida	Robert Flogaus-Faust	12	30.01.2023	By Robert Flogaus-Faust - Own work, CC BY 4.0, https://commons.wikimedia.org/w/index.php?curid=69012389
Fumaria	Fumaria_agraria	Ans Gorter	13	26.01.2023	By Ans Gorter - Tela Botanica, CC BY-SA 2.0 fr, https://commons.wikimedia.org/w/index.php?curid=58457779
Fumaria	Fumaria_officinalis	H. Zell	13	26.01.2023	By H. Zell – Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=10275333
Fumaria	Fumaria_parviflora	Marie Portas	13	26.01.2023	By Marie Portas - https://www.tela-botanica.org/eflore/consultation/popup.php?module=popup-illustrations&action=fiche&referentiel=bdtfx&id=228371 , CC BY-SA 2.0 fr, https://commons.wikimedia.org/w/index.php?curid=110856980
Galeopsis	Galeopsis_angustifolia	Robert Flogaus-Faust	13	26.01.2023	By Robert Flogaus-Faust - Own work, CC BY 4.0, https://commons.wikimedia.org/w/index.php?curid=92974119
Galeopsis	Galeopsis_ladanum	Robert Flogaus-Faust	13	26.01.2023	By Robert Flogaus-Faust - Own work, CC BY 4.0, https://commons.wikimedia.org/w/index.php?curid=86532630
Galeopsis	Galeopsis_speciosa	Thomas Huntke	13	26.01.2023	By Thomas Huntke, Germany (der Uploader) http://www.huntke.de - Selbst fotografiert, CC BY-SA 3.0 de, https://commons.wikimedia.org/w/index.php?curid=11089255
Lamium	Lamium_album	Agnieszka Kwiecień	14	30.01.2023	By Agnieszka Kwiecień, Nova - Own work, CC BY-SA 4.0, https://commons.wikimedia.org/w/index.php?curid=125385078
Lamium	Lamium_amplexicaule	Kaldari	14	30.01.2023	By Kaldari - Eigenes Werk, CC0, https://commons.wikimedia.org/w/index.php?curid=8640496
Lamium	Lamium_maculatum_1	Robert Flogaus-Faust	14	30.01.2023	By Robert Flogaus-Faust - Own work, CC BY 4.0, https://commons.wikimedia.org/w/index.php?curid=82658402

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Lamium	Lamium_maculatum_2	Willow	14	30.01.2023	By Willow - Own work, CC BY 2.5, https://commons.wikimedia.org/w/index.php?curid=2318741
Lamium	Lamium_galeobdolon	Teun Spaans	14	30.01.2023	By Teun Spaans - Self made picture, CC BY 2.5, https://commons.wikimedia.org/w/index.php?curid=3983061
Myosotis	Myosotis_arvensis_1	AnRo0002	15	08.02.2021	By AnRo0002 – Own work; CC0 1.0, https://commons.wikimedia.org/wiki/File:20140418Myosotis_arvensis2.jpg
Myosotis	Myosotis_arvensis_2	Darkone	15	08.02.2021	By Darkone – Own work; CC BY-SA 2.5, https://commons.wikimedia.org/wiki/File:Myosotis_arvensis_01.jpg
Myosotis	Myosotis_discolor_1	Krzysztof Ziarnik	15	30.01.2023	By Krzysztof Ziarnik, Kenraiz - Own work, CC BY-SA 4.0, https://commons.wikimedia.org/w/index.php?curid=100229552
Myosotis	Myosotis_discolor_2	Kristian Peters	15	30.01.2023	By Kristian Peters -- Fabelfroeh 15:44, 1 September 2006 (UTC) - Self-photographed, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=1126610
Papaver	Papaver_argemone	Adrian198cm	15	30.01.2023	By Adrian198cm - Own work, Public Domain, https://commons.wikimedia.org/w/index.php?curid=3675914
Papaver	Papaver_dubium	Björn S.	15	30.01.2023	By Björn S... - Long-headed Poppy - Papaver dubium, CC BY-SA 2.0, https://commons.wikimedia.org/w/index.php?curid=40044758
Papaver	Papaver_rhoeas	Jörg Hempel	15	30.01.2023	By Jörg Hempel, CC BY-SA 2.5, https://commons.wikimedia.org/w/index.php?curid=2232170
Ranunculus	Ranunculus_arvensis	Stefan.lefnaer	16	30.01.2023	By Stefan.lefnaer - Own work, CC BY-SA 4.0, https://commons.wikimedia.org/w/index.php?curid=60670037
Ranunculus	Ranunculus_repens	Jörg Hempel	16	30.01.2023	By I, Jörg Hempel, CC BY-SA 2.0 de, https://commons.wikimedia.org/w/index.php?curid=2133246
Ranunculus	Ranunculus_sardous	Meneerke bloem	16	30.01.2023	By Meneerke bloem - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=40282249
Silene	Silene_dichotoma	Stefan.lefnaer	16	26.01.2023	By Stefan.lefnaer - Own work, CC BY-SA 4.0, https://commons.wikimedia.org/w/index.php?curid=85541176
Silene	Silene_dioica	Strobilomyces	16	13.07.2016	By User:Strobilomyces - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=728280
Silene	Silene_noctiflora_1	Homer Edward Price	16	26.01.2023	By homeredwardprice - originally uploaded to Flickr as Night-flowering-Catchfly-flowers, CC BY 2.0, https://commons.wikimedia.org/w/index.php?curid=11100308
Silene	Silene_noctiflora_2	Oleg Kosterin	16	26.01.2023	By Oleg Kosterin - https://www.inaturalist.org/photos/93958684 , CC BY 4.0, https://commons.wikimedia.org/w/index.php?curid=99902136
Silene	Silene_viscaria	George Chernilevsky	16	17.03.2021	By Geore Chernilevsky - Own work; Public Domain; https://commons.wikimedia.org/wiki/File:Silene_viscaria_2013_G1.jpg
Thlaspi	Thlaspi_arvense_1	Krzysztof Ziarnik	17	25.01.2023	By Krzysztof Ziarnik - Own work, CC BY-SA 4.0, https://commons.wikimedia.org/w/index.php?curid=92587161
Thlaspi	Thlaspi_arvense_2	Krzysztof Ziarnik	17	25.01.2023	By Krzysztof Ziarnik - Own work, CC BY-SA 4.0, https://commons.wikimedia.org/w/index.php?curid=75848043
Thlaspi	Thlaspi_arvense_3	Ryan Hodnett	17	25.01.2023	By Ryan Hodnett - Own work, CC BY-SA 4.0, https://commons.wikimedia.org/w/index.php?curid=97347689
Veronica	Veronica_acinifolia	Augustin Roche	17	18.03.2020	CC BY-SA 2.5, https://commons.wikimedia.org/w/index.php?curid=1104991
Veronica	Veronica_agrestis	Shyamal	17	18.03.2020	By Shyamal - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=7877882
Veronica	Veronica_praecox	HermannSchachner	17	18.03.2020	By HermannSchachner - Own work, CC0, https://commons.wikimedia.org/w/index.php?curid=24722164
Viola	Viola_arvensis_1	Didier Descouens	18	25.01.2023	By Didier Descouens - Own work, CC BY-SA 4.0, https://commons.wikimedia.org/w/index.php?curid=104927550
Viola	Viola_arvensis_2	Didier Descouens	18	26.01.2023	By Didier Descouens - Own work, CC BY-SA 4.0, https://commons.wikimedia.org/w/index.php?curid=104964112
Viola	Viola_arvensis_3	Krzysztof Ziarnik	18	26.01.2023	By Krzysztof Ziarnik, Kenraiz - Own work, CC BY-SA 4.0, https://commons.wikimedia.org/w/index.php?curid=126108648
Viola	Viola_kitaibeliana	Bernard DUPONT		26.01.2023	By Bernard DUPONT from FRANCE - Dwarf Pansy (Viola kitaibeliana), CC BY-SA 2.0, https://commons.wikimedia.org/w/index.php?curid=40726650
Viola	Viola_tricolor_1	Jörg Hempel		25.01.2023	By Jörg Hempel, CC BY-SA 2.0 de, https://commons.wikimedia.org/w/index.php?curid=2137851

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Viola	Viola_tricolor_2	Agnieszka Kwiecień		26.01.2023	By Agnieszka Kwiecień, Nova - Own work, CC BY-SA 4.0, https://commons.wikimedia.org/w/index.php?curid=99455092

Part II – Grassland

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Apiaceae	Anthriscus_sylvestris_1	Dalgial	20	13.07.2016	By Dalgial - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=7088056 (photo detail)
Apiaceae	Anthriscus_sylvestris_2	Qwert1234	20	13.07.2016	By Qwert1234 - Qwert1234's file, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=17847120 (photo detail)
Apiaceae	Daucus_carota_1	Michele Adorni	20		Personal material
Apiaceae	Daucus_carota_2	Jcart1534	20	13.07.2016	By Jcart1534 - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=7639096 (photo detail)
Apiaceae	Ferula_communis_1	Patrice78500	20	05.09.2016	By Patrice78500 - Own work, Public Domain, https://commons.wikimedia.org/w/index.php?curid=5729474 (photo detail)
Apiaceae	Ferula_communis_2	Jean-Pol GRANDMONT	20	05.09.2016	By Jean-Pol GRANDMONT - Own work, CC BY 3.0, https://commons.wikimedia.org/w/index.php?curid=4495317
Apiaceae	Heracleum_sphondylium_1	Christian Fischer	20	13.07.2016	By Christian Fischer – Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=4467978
Apiaceae	Heracleum_sphondylium_2	I, Noebse	20	13.07.2016	By I, Noebse – Self-photographed, CC BY-SA 2.5, https://commons.wikimedia.org/w/index.php?curid=2445382 (photo detail)
Apiaceae	Pastinaca_sativa_1	H. Zell	20	11.03.202	By H. Zell – Own work; CC BY-SA 3.0, https://commons.wikimedia.org/wiki/File:Pastinaca_sativa_001.JPG
Apiaceae	Pastinaca_sativa_2	Rasbak	20	11.03.202	By Rasbak – Own work; CC BY-SA 3.0, https://commons.wikimedia.org/wiki/File:Pastinaca_sativa_subsp._sativa_flowers,_Pastinaak_bloemen_(7).jpg
Apiaceae	Peucedanum_cervaria_1	Stefan.lefnaer	20	11.03.2021	By Stefan.lefnaer – Own work; CC BY-SA 3.0, https://commons.wikimedia.org/wiki/File:Cervaria_rivini_sl9.jpg
Apiaceae	Peucedanum_cervaria_2	Hectonichus	20	11.03.2021	By Hectonichus – Own work; CC BY-SA 3.0, https://commons.wikimedia.org/wiki/File:Apiaceae_-_Peucedanum_cervaria-3.JPG (photo detail)
Apiaceae	Pimpinella_saxifraga_1	\$mathe94\$	20	11.03.2021	By \$mathe94\$ - Own work; CC BY-SA 3.0, https://commons.wikimedia.org/wiki/File:Pimpinella_saxifraga_G1.jpg (photo detail)
Apiaceae	Thapsia_villosa_1	Javier martin	20	10.03.2021	By Javier martin - Own work; Public Domain, https://commons.wikimedia.org/wiki/File:Thapsia_villosa_Puertollano.jpg
Apiaceae	Thapsia_villosa_2	Rowanwindwhistler	20	10.03.2021	By Rowanwindwhistler - Own work; CC BY-SA 4.0, https://commons.wikimedia.org/wiki/File:ThapsiaVillosa-Zumillo_5240288.jpg
Campanula	Campanula_erinus_1	Gideon Pisanty	22	11.03.2021	CC BY 3.0 – Own work; https://commons.wikimedia.org/wiki/File:Campanula_erinus_1.JPG
Campanula	Campanula_erinus_2	jacilluch	22	11.03.2021	By jacilluch - Originally posted to Flickr by jacilluch at https://www.flickr.com/photos/70626035@N00/14339887009 CC BY-SA 2.0, https://commons.wikimedia.org/wiki/File:Asperilla_-_Campanula_erinus_(14339887009).jpg (image detail)
Campanula	Campanula_glomerata_1	Bernd Haynold	22	13.07.2016	By Bernd Haynold - selbst fotografiert - own picture, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=4541386

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Campanula	Campanula_glomerata_2	Anneli Salo	22	13.07.2016	By Anneli Salo - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=15789414 (photo detail)
Campanula	Campanula_hispanica_1	Xemenendura	22	11.03.2021	By Xemenendura - Own work; CC BY 3.0, https://commons.wikimedia.org/wiki/File:Campanula_hispanica.JPG
Campanula	Campanula_patula_1	Prazak	22	13.07.2016	By Prazak - Own work; CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=831963
Campanula	Campanula_patula_2	Franz Xaver	22	13.07.2016	By Franz Xaver - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=8043742
Campanula	Campanula_rotundifolia_1	Hans Hillewaert	22	13.07.2016	By Hans Hillewaert – Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=4750293
Campanula	Campanula_sibirica_1	Le.Loup.Gris	22	05.09.2016	By Le.Loup.Gris - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=15732328 (photo detail)
Centaurea etc.	Centaurea_calcitrapa_1	Javier martin	23	11.03.2021	By Javier martin – Own work; CC BY-SA 3.0, https://commons.wikimedia.org/wiki/File:Centaurea_calcitrapa_Habitus_2011-8-18_SierraMadrona.jpg
Centaurea etc.	Centaurea_calcitrapa_2	Solanum	23	11.03.2021	By Solanum – Own work; CC BY-SA 3.0, https://commons.wikimedia.org/wiki/File:Centaurea_calcitrapa_01.JPG (image detail)
Centaurea etc.	Centaurea_deusta_1	Michele Adorni	23		Personal material
Centaurea etc.	Centaurea_jacea_1	Franz Xaver	23	13.07.2016	By Franz Xaver - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=7678874
Centaurea etc.	Centaurea_jacea_2	Kristian Peters	23	13.07.2016	By Kristian Peters -- Fabelfroh 09:44, 5 March 2007 (UTC) - photographed by Kristian Peters, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=1746557
Centaurea etc.	Centaurea_scabiosa_1	MarkusHagenlocher	23	13.07.2016	CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=515515
Centaurea etc.	Centaurea_scabiosa_2	Kristian Peters	23	13.07.2016	By Kristian Peters -- Fabelfroh 08:03, 3 November 2006 (UTC) - photographed by myself, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=1334881
Centaurea etc.	Centaurea_triumfettii_1	Franz Xaver	23	11.03.2021	By Franz Xaver – Own work; CC BY-SA 3.0, https://commons.wikimedia.org/wiki/File:Centaurea_triumfettii_3.jpg
Centaurea etc.	Centaurea_triumfettii_2	Bionik23	23	11.03.2021	By Bionik23 – Own work; CC BY-SA 4.0, https://commons.wikimedia.org/wiki/File:Centaurea_triumfetti_All.jpg (image detail)
Centaurea etc.	Serratula_tinctoria_1	Franz Xaver	23	12.07.2016	By Franz Xaver - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=8166825
Centaurea etc.	Serratula_tinctoria_2	Kristian Peters	23	14.07.2016	By Kristian Peters -- Fabelfroh 15:13, 10 August 2007 (UTC) - photographed by Kristian Peters, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=2544278 (photo detail)
Cirsium etc.	Carduus_carpetanus_1	Xemenendura	24	11.03.2021	By Xemenendura - Own work; CC BY-SA 4.0, https://commons.wikimedia.org/wiki/File:Carduus_carpetanus_4.JPG
Cirsium etc.	Carduus_carpetanus_2	Xemenendura	24	11.03.2021	By Xemenendura - Own work; CC BY-SA 4.0, https://commons.wikimedia.org/wiki/File:Carduus_carpetanus_1.JPG (photo detail)
Cirsium etc.	Carduus_crispus_1	Monedula	24	13.07.2016	Photo by monedula ; Public Domain, https://commons.wikimedia.org/w/index.php?curid=220349
Cirsium etc.	Carduus_crispus_2	Dalgial	24	13.07.2016	By Dalgial - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=9757093
Cirsium etc.	Carduus_pycnocephalus_1	Franz Xaver	24	11.03.2021	By Franz Xaver - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/wiki/File:Carduus_pycnocephalus_3.jpg
Cirsium etc.	Carduus_pycnocephalus_2	Franz Xaver	24	11.03.2021	By Franz Xaver Own work, CC BY-SA 3.0, https://commons.wikimedia.org/wiki/File:Carduus_pycnocephalus_2.jpg

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Cirsium etc.	Carlina_acaulis_1	Isidre blanc	24	23.08.2016	By Isidre blanc - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=27483154 (photo detail)
Cirsium etc.	Carlina_lanata_1	John030Walsh	24	11.03.2021	By John030Walsh – Own work; CC BY-SA 4.0, https://commons.wikimedia.org/wiki/File:Carlina-lanata-Villetelle-friche-SW-John-Walsh02.jpg
Cirsium etc.	Carlina_lanata_2	Philmarin	24	11.03.2021	By Philmarin – Own work; CC BY-SA 3.0, https://commons.wikimedia.org/wiki/File:C._lanata-1.jpg
Cirsium etc.	Carlina_racemosa_1	Javier martin	24	11.03.2021	By Javier martin – Own work; Public Domain, https://commons.wikimedia.org/wiki/File:Carlina_racemosa_StemandFlowers_17June2009_CampoCalatrava.jpg
Cirsium etc.	Carlina_racemosa_2	Philmarin	24	11.03.2021	By Philmarin – Own work; CC BY-SA 3.0, https://commons.wikimedia.org/wiki/File:C.racemosa-3.jpg
Cirsium etc.	Carlina_vulgaris_1	Bernd Haynold	24	23.08.2016	By Bernd Haynold - Own work, CC BY-SA 2.5, https://commons.wikimedia.org/w/index.php?curid=285091
Cirsium etc.	Carlina_vulgaris_2	Hajotthu	24	23.08.2016	By Hajotthu at the German language Wikipedia, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=8788815
Cirsium etc.	Centaurea_amblensis_1	Xemenendura	9	11.03.2021	By Xemenendura – Own work; CC0 1.0, https://commons.wikimedia.org/wiki/File:Centaurea_amblensis_0.jpg
Cirsium etc.	Centaurea_calcitrapa_1	Javier martin	9	11.03.2021	By Javier martin – Own work; CC BY-SA 3.0, https://commons.wikimedia.org/wiki/File:Centaurea_calcitrapa_Habitus_2011-8-18_SierraMadrona.jpg
Cirsium etc.	Centaurea_calcitrapa_2	Solanum	9	11.03.2021	By Solanum – Own work; CC BY-SA 3.0, https://commons.wikimedia.org/wiki/File:Centaurea_calcitrapa_01.JPG (image detail)
Cirsium etc.	Cirsium_acaule_1	Michele Adorni	24		Personal material
Cirsium etc.	Cirsium_eriophorum_1	Tigerente	24	22.03.2021	By Tigerente – Own work; CC BY-SA 3.0; https://commons.wikimedia.org/wiki/File:Cirsium_eriophorum01.jpg (photo detail)
Cirsium etc.	Cirsium_eriophorum_2	H. Zell	24	22.03.2021	By H. Zell – Own work; CC BY-SA 3.0; https://commons.wikimedia.org/wiki/File:Cirsium_eriophorum_02.JPG
Cirsium etc.	Cirsium_oleraceum_1	Christian Fischer	24	05.09.2016	By Christian Fischer, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=17322367
Cirsium etc.	Cirsium_oleraceum_2	Franz Xaver	24	05.09.2016	By Franz Xaver - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=7998046
Cirsium etc.	Cirsium_palustre_1	Robert Flogaus-Faust	24	11.03.2021	By Robert Flogaus-Faust – Own work; CC BY-SA 4.0, https://commons.wikimedia.org/wiki/File:Cirsium_palustre_RF.jpg (photo detail)
Cirsium etc.	Cirsium_palustre_2	Pethan	24	11.03.2021	By Pethan; CC BY-SA 3.0, https://commons.wikimedia.org/wiki/File:Cirsium_palustre02.jpg
Cirsium etc.	Cirsium_pyrenaicum_1	Javier martin	24	11.03.2021	By Javier martin – Own work; Public Domain, https://commons.wikimedia.org/wiki/File:Cirsium_pyrenaicum_Habitus_2009-7-25_SierraNevada.jpg (photo detail)
Cirsium etc.	Cirsium_pyrenaicum_2	Javier martin	24	11.03.2021	By Javier martin – Own work; Public Domain, https://commons.wikimedia.org/wiki/File:Cirsium_pyrenaicum_Inflorescencia_2009-7-25_SierraNevada.jpg
Cirsium etc.	Echinops_bannaticus_1	Stefan.lefnaer	24	26.09.2016	By Stefan.lefnaer – Own work, CC BY-SA 4.0, https://commons.wikimedia.org/wiki/File:Echinops_bannaticus_sl15.jpg
Cirsium etc.	Echinops_bannaticus_2	Pethan	24	26.09.2016	By Pethan – Own work; CC BY-SA 3.0, https://commons.wikimedia.org/wiki/File:Echinops_bannaticus01.jpg (photo detail)
Cirsium etc.	Echinops_ritro_1	Bjoertvedt	24	26.09.2016	By Bjoertvedt – Own work, CC BY-SA 3.0, https://commons.wikimedia.org/wiki/File:Echinops_ritro_01.jpg
Cirsium etc.	Echinops_ritro_2	Stefan.lefnaer	24	24.03.2021	By Stefan.lefnaer – Own work, CC BY-SA 4.0, https://commons.wikimedia.org/wiki/File:Echinops_ritro_subsp._ruthenicus_sl10.jpg
Cirsium etc.	Eryngium_planum_1	Bogdan	24	26.09.2016	By Bogdan – Own work, CC BY-SA 3.0, https://commons.wikimedia.org/wiki/File:Eryngium_planum_bgju.jpg

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Cirsium etc.	Eryngium_planum_2	Bernard Dupont	24	26.09.2016	By Bernard Dupont - Originally posted to Flickr by berniedup at https://www.flickr.com/photos/65695019@N07/14240745500/ ; CC BY-SA 2.0, Download at: https://commons.wikimedia.org/wiki/File:Flat_Sea_Holly_(Eryngium_planum)_14240745500.jpg?uselang=de
Juncus	Juncus_articulatus_1	Christian Fischer	27	05.09.2016	By Christian Fischer – own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=364616
Juncus	Juncus_articulatus_2	Ivar Leidus	27	05.09.2016	By Ivar Leidus - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=27251155
Juncus	Juncus_conglomeratus_1	James Lindsey	27	05.09.2016	By James Lindsey at Ecology of Commanster, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=1721600
Juncus	Juncus_conglomeratus_2	Kristian Peters	27	05.09.2016	By Kristian Peters -- Fabelfroh 12:19, 9 July 2006 (UTC) - photographed by myself, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=934123
Juncus	Juncus_effusus_1	Christian Fischer	27	08.02.2021	By Christian Fischer - Own work; CC BY-SA 3.0, https://commons.wikimedia.org/wiki/File:JuncusEffusus.jpg?uselang=de
Juncus	Juncus_effusus_2	Peigimccann	27	29.01.2018	By Peigimccann - Own work; CC BY-SA 3.0, https://commons.wikimedia.org/wiki/File:Juncus_effusus_Loch_Kruse_7-8-08.jpg
Myosotis	Myosotis_arvensis_1	AnRo0002	28	08.02.2021	By AnRo0002– Own work; CC0 1.0, https://commons.wikimedia.org/wiki/File:20140418Myosotis_arvensis2.jpg
Myosotis	Myosotis_arvensis_2	Darkone	28	08.02.2021	By Darkone – Own work; CC BY-SA 2.5, https://commons.wikimedia.org/wiki/File:Myosotis_arvensis_01.jpg
Myosotis	Myosotis_palustris_1	KENPAI	28	13.07.2016	By KENPAI – Self-published work; CC BY-SA 3.0, https://commons.wikimedia.org/wiki/File:Myosotis_scorpioides2.jpg
Myosotis	Myosotis_palustris_2	Sten Porse	28	13.07.2016	By Sten Porse - Own work; CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=1957913
Myosotis	Myosotis_amosissima_1	Olivier Pichard	28	17.03.2021	By Oliver pichard - Own work; CC BY-SA 3.0, https://commons.wikimedia.org/wiki/File:Myosotis_amosissima_route-ailly-sur-meuse_55_07042007_1.JPG
Myosotis	Myosotis_amosissima_2	Svdmolen	28	17.03.2021	By Svdmolen; Own work; CC BY-SA 3.0, https://commons.wikimedia.org/wiki/File:Myosotis_amosissima-01_(xndr).jpg
Myosotis	Myosotis_sicula_1	Krzysztof Ziarnik	28	17.03.2021	By Krzysztof Ziarnik, Kenrai; Own work; CC BY-SA 4.0, https://commons.wikimedia.org/wiki/File:Myosotis_sicula_kz04.jpg
Myosotis	Myosotis_sicula_2	Krzysztof Ziarnik	28	17.03.2021	By Krzysztof Ziarnik, Kenrai; Own work; CC BY-SA 4.0, https://commons.wikimedia.org/wiki/File:Myosotis_sicula_kz05.jpg
Myosotis	Myosotis_stolonifera_1	Ixitixel	28	17.03.2021	By Ixitixel - own work; CC BY-SA 3.0; https://commons.wikimedia.org/wiki/File:Myosotis_stolonifera_(Habitus).jpg
Orchidaceae	Anacamptis_papilionacea_1	Orchi	29	17.03.2021	Self-photographed by Orchi, CC BY-SA 3.0; https://commons.wikimedia.org/wiki/File:Orchis_papilionacea_Rhodos_12.jpg
Orchidaceae	Anacamptis_papilionacea_2	Angebernard	29	17.03.2021	Own work by Angebernard; CC BY-SA 3.0; https://commons.wikimedia.org/wiki/File:Orchisvaldemiana2007.jpg
Orchidaceae	Anacamptis_pyramidalis_1	Michele Adorni	29		Personal material
Orchidaceae	Cypripedium_calceolus_1	JostGudelius	29	05.09.2016	By JostGudelius - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=19822093 (photo detail)
Orchidaceae	Cypripedium_calceolus_2	Sepulnation1986	29	05.09.2016	By Sepulnation1986 - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=9514088
Orchidaceae	Dactylorhiza_maculata_1	Jörg Hempel	29	13.07.2016	By Jörg Hempel – Own work, CC BY-SA 3.0 de, https://commons.wikimedia.org/w/index.php?curid=27374336
Orchidaceae	Dactylorhiza_sambucina_1	Kriko	29	13.07.2016	By Kriko L from Finland - Adam och EvaUploaded by Orchi, CC BY 2.0, https://commons.wikimedia.org/w/index.php?curid=10956266
Orchidaceae	Gymnadenia_conopsea_1	Orchi	29	17.03.2021	By Orchi - Self-photographed; CC BY-SA 3.0; https://commons.wikimedia.org/wiki/File:Gymnadenia_conopsea_Italien_Seiser_Alm_700.jpg

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Orchidaceae	Gymnadenia_rhellicani_1	Orchi	29	17.03.2021	By Orchi - Self-photographed; CC BY-SA 3.0; https://commons.wikimedia.org/wiki/File:Nigritella_rhellicani_Seiser_Alm_0705.jpg
Orchidaceae	Himantoglossum_hircinum_1	BerndH	29	17.03.2021	By BerndH - Self-photographed; CC BY-SA 3.0; https://commons.wikimedia.org/wiki/File:Himantoglossum_hircinum_060610b.jpg (photo detail)
Orchidaceae	Himantoglossum_hircinum_2	BerndH	29	17.03.2021	By BerndH - Self-photographed; CC BY-SA 3.0; https://commons.wikimedia.org/wiki/File:Himantoglossum_hircinum_flower.jpg
Orchidaceae	Listera_ovata_1	Orchi	29	05.09.2016	By Orchi - Self-photographed, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=523245
Orchidaceae	Listera_ovata_2	Hans Hillewaert	29	05.09.2016	By Hans Hillewaert – Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=4117934
Orchidaceae	Neotinea_ustulate_1	xulescu_g	29	17.03.2021	By xulescu_g - originally posted to Flickr by xulescu_g at https://flickr.com/photos/59161444@N05/50026085003 ; CC BY-SA 2.0, Download at https://commons.wikimedia.org/wiki/File:Neotinea_ustulata_(50026085003).jpg
Orchidaceae	Orchis_morio_1	Liuthalas	29	13.07.2016	By Liuthalas - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=6638385
Orchidaceae	Ophrys_apifera_1	Michele Adorni	29		Personal material
Scabiosa etc.	Knautia_arvensis_1	Lee Raye	30	17.03.2021	By Lee Raye - Own work; CC0 1.0; https://commons.wikimedia.org/wiki/File:Field_scabious_early_flowers_stems_and_leaves.jpg
Scabiosa etc.	Knautia_arvensis_2	H. Zell	30	17.03.2021	By H. Zell - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/wiki/File:Knautia_arvensis_003.JPG
Scabiosa etc.	Scabiosa_atropurpurea_1	Xemenendura	30	17.03.2021	By Xemenendura - Own work; CC BY-SA 3.0; https://commons.wikimedia.org/wiki/File:Scabiosa_atropurpurea_3.jpg
Scabiosa etc.	Scabiosa_atropurpurea_2	Xemenendura	30	17.03.2021	By Xemenendura - Own work; CC BY-SA 3.0; https://commons.wikimedia.org/wiki/File:Scabiosa_atropurpurea_ce.JPG
Scabiosa etc.	Scabiosa_columbaria_1	Michael Burgholzer	30	17.03.2021	By Michael Burgholzer - Own work; CC BY-SA 4.0; https://commons.wikimedia.org/wiki/File:FFH_Gebiet_Salzach_und_Unterer_Inn_34a.jpg
Scabiosa etc.	Scabiosa_columbaria_2	AnRo0002	30	13.07.2016	By AnRo0002 - Own work, CC0 1.0, https://commons.wikimedia.org/wiki/File:20141018Scabiosa_columbaria2.jpg
Scabiosa etc.	Succisa_pratensis_1	Stefan.Iefnaer	30	13.07.2016	By Stefan.Iefnaer - Own work, CC BY-SA 4.0, https://commons.wikimedia.org/w/index.php?curid=37917824
Scabiosa etc.	Succisa_pratensis_2	H. Zell	30	13.07.2016	By H. Zell - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=11135687
Silene etc.	Dianthus_armeria_1	Olivier Pichard	31	17.03.2021	By Olivier Pichard - Own work, CC BY-SA 3.0; https://commons.wikimedia.org/wiki/File:Dianthus_armeria_foret-reine_54_050702_1.JPG
Silene etc.	Dianthus_balbisii_1	Hectonichus	31	17.03.2021	By Hectonichus - Own work; CC BY-SA 3.0; https://commons.wikimedia.org/wiki/File:Caryophyllaceae_-_Dianthus_balbisii-3.JPG
Silene etc.	Dianthus_carthusianorum_1	Bernd Haynold	31	13.07.2016	By Bernd Haynold - Own work, CC BY 2.5, https://commons.wikimedia.org/w/index.php?curid=160915
Silene etc.	Dianthus_carthusianorum_2	BerndH	31	13.07.2016	By BerndH - Picture taken by BerndH; CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=160916 (photo detail)
Silene etc.	Dianthus_deltoides_1	Hajotthu	31	17.03.2021	By Hajotthu - Own work; CC BY-SA 3.0; https://commons.wikimedia.org/wiki/File:Heide-Nelke_(Dianthus_deltoides)_1.jpg (photo detail)
Silene etc.	Dianthus_deltoides_2	H. Zell	31	17.03.2021	By H. Zell - Own work; CC BY-SA 3.0; https://commons.wikimedia.org/wiki/File:Dianthus_deltoides_001.JPG
Silene etc.	Dianthus_superbus_1	Stan Shebs	31	05.09.2016	By Stan Shebs – Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=693676
Silene etc.	Silene_dioica_1	Christian Fischer	31	13.07.2016	By Christian Fischer – own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=34467612
Silene etc.	Silene_dioica_2	Strobilomyces	31	13.07.2016	By User:Strobilomyces - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=728280
Silene etc.	Silene_flos-cuculi_1	Prazak	31	12.07.2016	By Prazak - Own work; CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=826205

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Silene etc	Silene_flos-cuculi_2	Maulaff	31	17.03.2021	By Maulaff - Own work, CC BY-SA 4.0; https://commons.wikimedia.org/wiki/File:Nationales_Naturerbe_Aschaffenburg_2019-05-30d.jpg
Silene etc	Silene_viscaria_1	Atriplexmedia	31	17.03.2021	By Atriplexmedia - Own work; CC BY-SA 3.0; https://commons.wikimedia.org/wiki/File:Kveten_pr_krabanosska_niva_06.jpg
Silene etc	Silene_viscaria_2	George Chernilevsky	31	17.03.2021	By Geore Chernilevsky - Own work; Public Domain; https://commons.wikimedia.org/wiki/File:Silene_viscaria_2013_G1.jpg
Trifolium	Trifolium_alpestre_1	Marco Iocchi	32	15.07.2016	By Marco Iocchi - Montagne della Duchessa, Rieti, Lazio, Italia, CC BY 3.0, https://commons.wikimedia.org/w/index.php?curid=9960866 (photo detail)
Trifolium	Trifolium_angustifolium_1	Alvesgaspar	32	17.03.2021	By Alvesgaspar - Own work, CC BY-SA 3.0; https://commons.wikimedia.org/wiki/File:Flower_April_2010-9.jpg
Trifolium	Trifolium_arvense_1	Hubert Laroche	32	23.08.2016	By Denbert (Hubert Laroche) – Own work, CC BY 2.5, https://commons.wikimedia.org/w/index.php?curid=2246884 (photo detail)
Trifolium	Trifolium_arvense_2	Michael Becker	32	23.08.2016	By Michael Becker - taken by Michael Becker, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=222746
Trifolium	Trifolium_fragiferum_1	Christian Fischer	32	23.08.2016	By Christian Fischer – Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=1035347
Trifolium	Trifolium_medium_2	Christian Fischer	32	14.07.2016	By Christian Fischer – Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=455872
Trifolium	Trifolium_pratense_1	Rob Hille	32	14.07.2016	By Rob Hille - Own work, Public Domain, https://commons.wikimedia.org/w/index.php?curid=2583591 (photo detail)
Trifolium	Trifolium_pratense_2	H. Zell	32	14.07.2016	By H. Zell - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=11228538
Trifolium	Trifolium_resupinatum_1	Michele Adorni	32		Personal material (photo detail)
Trifolium	Trifolium_rubens_1	Franz Xaver	32	23.08.2016	By Franz Xaver - selbst fotografiert - my own photo, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=20006576
Trifolium	Trifolium_stellatum_1	Hans Hillewaert	32	15.07.2016	By Hans Hillewaert – Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=4094956
Trifolium	Trifolium_striatum_1	Stefan Iefnaer	32	23.08.2016	By Stefan Iefnaer - Own work, CC BY-SA 4.0, https://commons.wikimedia.org/w/index.php?curid=45018968 (photo detail)
Trifolium	Trifolium_tomentosum_1	Krzysztof Ziarnik	32	17.03.2021	By Krzysztof Ziarnik, Kenraiz - Own work; CC BY-SA 4.0; https://commons.wikimedia.org/wiki/File:Trifolium_tomentosum_kz5.jpg
Coronilla etc.	Coronilla_minima_1	Isidre blanc	33	17.03.2021	By Isidre blanc - Own work; CC BY-CC 4.0; https://commons.wikimedia.org/wiki/File:CORONILLA_MINIMA_-_AGUDA_-_IB-855_(Coronil%C2%B7la_m%C3%ADnima).JPG
Coronilla etc.	Lotus_corniculatus_1	Martin Olsson	33	17.03.2021	By Martin Olsson (Mnemo) - Own work; CC BY-SA 3.0; https://commons.wikimedia.org/wiki/File:Karringtand.jpg (photo detail)
Coronilla etc.	Lotus_corniculatus_2	Walter Siegmund	33	14.07.2016	By Walter Siegmund (talk) - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=7726296
Coronilla etc.	Medicago_falcata_1	Bogdan	33	23.08.2016	By Bogdan - Own work; CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=237811 (photo detail)
Coronilla etc.	Medicago_lupulina_1	Rasbak	33	14.07.2016	By Rasbak - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=11386462 (photo detail)
Coronilla etc.	Medicago_lupulina_2	Sten Porse	33	14.07.2016	By Sten Porse – Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=6986615 (photo detail)
Coronilla etc.	Medicago_minima_1	Rasbak	33	23.08.2016	By Rasbak, Public Domain, https://commons.wikimedia.org/w/index.php?curid=1122331
Coronilla etc.	Medicago_minima_2	Fornax	33	23.08.2016	By Fornax - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=3982929 (photo detail)

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Coronilla etc.	Trifolium_campestre_1	Tocekas	33	23.08.2016	By Tocekas - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=4158868
Coronilla etc.	Trifolium_dubium_1	Rasbak	33	23.08.2016	By Rasbak CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=5247843
Coronilla etc.	Trifolium_dubium_2	Krzysztof Ziarnek	33	23.08.2016	By Krzysztof Ziarnek, Kenraiz - Own work; CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=2378709
Vicia etc.	Astragalus_danicus_1	Ivar Leidus	34	23.08.2016	By Ivar Leidus - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=26700479
Vicia etc.	Astragalus_onobrychis_1	Franz Xaver	34	17.03.2021	By Franz Xaver – Own work; CC BY-SA 3.0; https://commons.wikimedia.org/wiki/File:Astragalus_onobrychis_1.jpg
Vicia etc.	Lathyrus_angulatus_1	Hans Hillewaert	34	17.03.2021	By Hans Hillewaert - Own work; CC BY-SA 3.0; https://commons.wikimedia.org/wiki/File:Lathyrus_angulatus.jpg
Vicia etc.	Vicia_angustifolia_1	Fornax	34	23.08.2016	By Fornax - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=4029407
Vicia etc.	Vicia_bithynica_1	Stefan.lefnaer	34	17.03.2021	By Stefan.lefnaer - Own work; CC BY-SA 4.0; https://commons.wikimedia.org/wiki/File:Vicia_bithynica_sl3.jpg
Vicia etc.	Vicia_cracca_1	Walter Siegmund	34	15.07.2016	By Walter Siegmund - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=6991833 (photo detail)
Vicia etc.	Vicia_cracca_2	Isidre blanc	34	15.07.2016	By Isidre blanc - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=26566436
Vicia etc.	Vicia_sepium_1	Frank Vincentz	34	15.07.2016	By Frank Vincentz - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=2787495 (photo detail)
Vicia etc.	Vicia_sepium_2	Anneli Salo	34	15.07.2016	By Anneli Salo - Own work (Own photo), CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=4233324 (photo detail)
Vicia etc.	Vicia_tenuifolia_1	Franz Xaver	34	23.08.2016	By Franz Xaver - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=33507911
Vicia etc.	Vicia_tenuifolia_2	Petr Filippov	34	24.08.2016	By Petr Filippov - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=6899768

Part III – Structural species

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Shrub	Cistus_clusii_1	Javier martin	36	22.03.2021	By Javier martin – Own work; Public domain; https://commons.wikimedia.org/wiki/File:Cistus_clusii_Habitus_DehesaBoyaldePuertollano.jpg (photo detail)
Shrub	Cistus_clusii_2	Nanosanchez	36	22.03.2021	By Nanosanchez – Own work; Public domain; https://commons.wikimedia.org/wiki/File:Cistus_clusii2.jpg (photo detail)
Shrub	Genista_scorpius_1	A. Barra	36	22.03.2021	By A. Barra – Own work; CC BY-SA 3.0, https://commons.wikimedia.org/wiki/File:Genista_scorpius_1.jpg
Shrub	Prunus_spinosa_1	Ragnar1904	36	22.03.2021	By Ragnar1904 - Own work, CC BY-SA 4.0, https://commons.wikimedia.org/w/index.php?curid=48635146
Shrub	Prunus_spinosa_2	Touam	36	22.03.2021	By Touam (Hervé Agnoux) – Own work; CC BY-SA 4.0, https://commons.wikimedia.org/wiki/File:Flore_avec_touffe_dans_le_marais_du_Conseiller.jpg (photo detail)
Shrub	Retama_sphaerocarpa_1	Drow_male	36	22.03.2021	By Drow_male - Own work, CC BY-SA 4.0, https://commons.wikimedia.org/wiki/File:Retama_sphaerocarpa.011_-_Monfrague.JPG
Shrub	Rosa_canina_1	Juandev	36	22.03.2021	By Juandev - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=16871456
Shrub	Rosa_canina_2	Michael Becker	36	22.03.2021	By Michael Becker – Own work; CC BY-SA 3.0; https://commons.wikimedia.org/wiki/File:Rosa_canina_blatte_2005.05.26_11.50.13.jpg (photo rotated)
Shrub	Rosa_canina_3	Sakurai Midori	36	22.03.2021	By Sakurai Midori – Own work; CC BY-SA 3.0; https://commons.wikimedia.org/wiki/File:Rosa_canina_6.JPG (photo rotated)
Shrub	Rubus_fruticosus_1	Frank Vincentz	36	22.03.2021	By Frank Vincentz- Own work, CC BY-SA 3.0, https://commons.wikimedia.org/wiki/File:Rubus_fruticosus_15.jpg
Shrub	Rubus_fruticosus_2	Pleple2000	36	22.03.2021	By Pleple2000 – Own work; CC BY-SA 3.0, https://commons.wikimedia.org/wiki/File:Rubus_fruticosus_15.jpg (photo rotated)
Shrub	Shrub_1	András Schmotzer	36		Personal material
Thistles	Cirsium_arvense_1	Lionel Allorge	37	22.03.2021	By Lionel Allorge – Own work; CC BY-SA 3.0; https://commons.wikimedia.org/wiki/File:Fleur_%C3%A0_Voisins-le-Bretonneux_2012_03.jpg
Thistles	Cirsium_arvense_2	Ivar Leidus	37	19.02.2018	By Ivar Leidus - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/wiki/File:Cirsium_arvense_-_p%C3%B5ldohakas.jpg
Thistles	Dipsacus_fullonum_1	AudreyMuratet	37	22.03.2021	By AudreyMuratet – Own work; CC BY-SA 4.0; https://commons.wikimedia.org/wiki/File:Dipsacus_fullonum_2.jpg
Thistles	Dipsacus_fullonum_2	Notafly2	37	22.03.2021	By Notafly2 – Own work; CC BY-SA 4.0; https://commons.wikimedia.org/wiki/File:FloraRome_(23).JPG
Thistles	Echinops_exaltatus_1	Katrin Schneider	37	22.03.2021	By Katrin Schneider – original published at korina.info; CC BY-SA 4.0; Download at https://commons.wikimedia.org/wiki/File:Korina_2013-07-31_Echinops_exaltatus_12.jpg (photo detail)

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Thistles	Echinops_exaltatus_2	Rolf Engstrand	37	22.03.2021	By Rolf Engstrand – Own work; CC BY-SA 3.0; https://commons.wikimedia.org/wiki/File:Echinops_exaltatus_02.JPG
Thistles	Eryngium_campestre_1	© Bernd Haynold	37	11.03.2021	CC BY-SA 4.0, https://commons.wikimedia.org/wiki/File:Eryngium_campestre_190817.jpg
Thistles	Eryngium_campestre_2	© Bernd Haynold	37	11.03.2021	CC BY-SA 2.5, https://commons.wikimedia.org/wiki/File:Eryngium_campestre_310705b.jpg
Thistles	Scolymus_hispanicus_1	Paolo Bertinotto	37	22.03.2021	By Paolo Bertinotto – original file; CC BY-SA 2.5; https://commons.wikimedia.org/wiki/File:Scolymus_hispanicus_whole_plant.jpg
Thistles	Scolymus_hispanicus_2	Alvesgaspar	37	22.03.2021	By Alvesgaspar – own work; CC BY-SA 3.0; https://commons.wikimedia.org/wiki/File:Yellow_flower_with_critters-2.jpg
Thistles	Silybum_marianum_1	H. Zell	37	22.03.2021	By H. Zell – Own work; CC BY-SA 3.0; https://commons.wikimedia.org/wiki/File:Silybum_marianum_0001.JPG
Thistles	Silybum_marianum_2	H. Zell	37	22.03.2021	By H. Zell – Own work; CC BY-SA 3.0; https://commons.wikimedia.org/wiki/File:Silybum_marianum_0004.JPG
Thistles	Silybum_marianum_3	Javier martin	37	22.03.2021	By Javier martin, Own work; Public domain; https://commons.wikimedia.org/wiki/File:Silybum_marianum_habitusCampodeCalatrava.jpg
Docks	Rumex_acetosa_1	Christian Hummert	38	22.03.2021	By Christian Hummert – Own photo; https://commons.wikimedia.org/wiki/File:Rumex_acetosa_(1).jpg
Docks	Rumex_alpinus_1	Jerzy Opiola	38	22.03.2021	By Jerzy Opiola – Own; CC SA-BY 4.0; https://commons.wikimedia.org/wiki/File:Rumex_alpinus_B%C5%BB2.jpg
Docks	Rumex_alpinus_2	Liné1	38	22.03.2021	By Liné1 – Own work; CC BY-SA 3.0; https://commons.wikimedia.org/wiki/File:Rumex_alpinus_03_by_Line1.jpg
Docks	Rumex_crispus_1	Philmarin	38	22.03.2021	By Philmarin – Own work; CC BY-SA 4.0; https://commons.wikimedia.org/wiki/File:1-R.crispus-gen-2.jpg
Docks	Rumex_crispus_2	Krzysztof Golik	38	22.03.2021	By Krzysztof Golik – Own work; CC BY-SA 4.0; https://commons.wikimedia.org/wiki/File:Rumex_crispus_in_Jardin_Botanique_de_l%27Aubrac_03.jpg
Docks	Rumex_obtusifolius_1	Boris Gaberšček	38	22.03.2021	By Boris Gaberšček – Originally posted to http://www2.arnes.si/~bzwitt/flora/rumex_obtusifolius.html ; CC BY-SA 2.5; https://commons.wikimedia.org/wiki/File:Rumex_obtusifolius_PID1745-1.jpg
Docks	Rumex_obtusifolius_2	Sten Porse	38	22.03.2021	By Sten Porse – Own work; CC BY-SA 3.0; https://commons.wikimedia.org/wiki/File:Rumex-obtusifolius-foilage.JPG
Rushes	Juncus_acutiflorus_1	AnRo0002	39	22.03.2021	By AnRo0002 – Own work; CC0 1.0; https://commons.wikimedia.org/wiki/File:20150428Juncus_acutiflorus1.jpg
Rushes	Juncus_acutiflorus_2	AnRo0002	39	22.03.2021	By AnRo0002 – Own work; CC0 1.0; https://commons.wikimedia.org/wiki/File:20150428Juncus_acutiflorus2.jpg
Rushes	Juncus_acutiflorus_3	AnRo0002	39	22.03.2021	By AnRo0002 – Own work; CC0 1.0; https://commons.wikimedia.org/wiki/File:20150813Juncus_acutiflorus1.jpg
Rushes	Juncus_acutus_1	Javier martin	39		By Javier martin, Own work; Public domain; https://commons.wikimedia.org/wiki/File:Juncus_acutus_subsp._acutus_Habitus_LagunadelaMata.jpg
Rushes	Juncus_acutus_2	Josep Gesti	39	22.03.2021	By Josep Gesti – own work; CC BY-SA 4.0; https://commons.wikimedia.org/wiki/File:Juncus_acutus_Torroella_de_Montgr%C3%AD_01.jpg

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Rushes	Juncus_inflexus_1	Faebelfroh	39	22.03.2021	By Kristian Peters – Faebelfroh – Own work; CC BY-SA 3.0; https://commons.wikimedia.org/wiki/File:Juncus_inflexus.jpeg
Rushes	Juncus_sp_1	Kenraiz	39	22.03.2021	By Krzysztof Ziarnik, Kenraiz – Own work; CC BY-SA 4.0; https://commons.wikimedia.org/wiki/File:Juncus_effusus_kz05.jpg
Rushes	Juncus_squarrosus_1	Kenraiz	39	22.03.2021	By Krzysztof Ziarnik, Kenraiz – Own work; CC BY-SA 4.0; https://commons.wikimedia.org/wiki/File:Juncus_squarrosus_kz01.jpg
Rushes	Juncus_squarrosus_2	Kenraiz	39	22.03.2021	By Krzysztof Ziarnik, Kenraiz – Own work; CC BY-SA 4.0; https://commons.wikimedia.org/wiki/File:Juncus_squarrosus_kz2.JPG
Sedges	Carex_acuta_1	Petr Filippov	40	22.03.2021	By Petr Filippov – Own work; CC BY-SA 3.0; https://commons.wikimedia.org/wiki/File:Carex_acuta1.JPG
Sedges	Carex_acutiformis_1	AnRo0002	40	22.03.2021	By AnRo0002 – Own work; CC0 1.0; https://commons.wikimedia.org/wiki/File:20140425Carex_acutiformis02.jpg
Sedges	Carex_acutiformis_2	Artem Topchiy	40	22.03.2021	By Artem Topchiy – Own work; CC BY-SA 3.0; https://commons.wikimedia.org/wiki/File:Carex_acutiformis.jpg?uselang=de
Sedges	Carex_arenaria_1	Christian Fischer	40	22.03.2021	By Christian Fischer – Own work; CC BY-SA 3.0; https://commons.wikimedia.org/wiki/File:CarexArenaria.jpg?uselang=de
Sedges	Carex_distans_1	Stefan.lefnaer	40	22.03.2021	By Stefan.lefnaer – Own work; CC BY-SA 4.0; https://commons.wikimedia.org/wiki/File:Carex_distans_sl27.jpg
Sedges	Carex_distans_2	Faebelfroh	40	22.03.2021	By Kristian Peters – Faebelfroh – Own work; CC BY-SA 3.0; https://commons.wikimedia.org/wiki/File:Carex_distans_maennl.jpeg
Sedges	Carex_hirta_1	Stemonitis	40	22.03.2021	By Stemonitis – Own work; CC BY-SA 3.0; https://commons.wikimedia.org/wiki/File:Carex_hirta_utricles.jpg
Sedges	Carex_paniculata_1	Kenraiz	40	22.03.2021	By Krzysztof Ziarnik, Kenraiz – Own work; CC BY-SA 4.0; https://commons.wikimedia.org/wiki/File:Carex_paniculata_kz07.jpg
Sedges	Carex_praecox_1	Kenraiz	40	22.03.2021	By Krzysztof Ziarnik, Kenraiz – Own work; CC BY-SA 4.0; https://commons.wikimedia.org/wiki/File:Carex_praecox_kz01.jpg
Sedges	Carex_praecox_2	Stefan.lefnaer	40	22.03.2021	By Stefan.lefnaer – Own work; CC BY-SA 4.0; https://commons.wikimedia.org/wiki/File:Carex_praecox_sl8.jpg
Sedges	Carex_vesicaria_1	Kenraiz	40	22.03.2021	By Krzysztof Ziarnik, Kenraiz – Own work; CC BY-SA 4.0; https://commons.wikimedia.org/wiki/File:Carex_vesicaria_kz02.jpg (photo detail)
Sedges	Carex_vesicaria_2	Kenraiz	40	22.03.2021	By Krzysztof Ziarnik, Kenraiz – Own work; CC BY-SA 3.0; https://commons.wikimedia.org/wiki/File:Carex_vesicaria_kz1.JPG
Wood small reed	Calamagrostis_arundinacea_1	Kenraiz	41	22.03.2021	By Krzysztof Ziarnik, Kenraiz – Own work; CC BY-SA 4.0; https://commons.m.wikimedia.org/wiki/File:Calamagrostis_arundinacea_kz10.jpg (photo detail)
Wood small reed	Calamagrostis_arundinacea_2	James K. Lindsey	41	22.03.2021	By James K. Lindsey – Originally published at http://popgen.unimaas.nl/~jlindsey/commanster.html ; CC BY-SA 3.0; https://commons.wikimedia.org/wiki/File:Calamagrostis.arundinacea.jpg
Wood small reed	Calamagrostis_epigejos_1	Botaurus	41	22.03.2021	By Botaurus – Own work; Public domain; https://commons.wikimedia.org/wiki/File:Calamagrostis-epigejos-02.jpg
Wood small reed	Calamagrostis_epigejos_2	AnRo0002	41	22.03.2021	By AnRo0002 – Own work; CC0 1.0; https://commons.wikimedia.org/wiki/File:20150630Calamagrostis_epigejos2.jpg

