

# *Campanula rotundifolia*

## Habitus and growth type

Plant height [m]: **0.3**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **25.45**

## Flower

Flowering period: **April-October**

## Fruit, seed and dispersal

Seed mass [mg]: **0.06**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **1**

## Trophic mode

Parasitism and mycoheterotrophy: **autotroph**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

## Taxon origin

Origin in Europe: **native**

## Ecology

### Environmental relationships

Substrate humidity relationship: **Dry**

Substrate reaction relationship: **Slightly acidic to near-neutral**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Moisture indicator value: **4**

Nutrient indicator value: **2**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.69**

Disturbance frequency (herb layer): **1.53**

Disturbance severity: **0.5**

Disturbance severity (herb layer): **0.37**

Mowing frequency: **0.37**

Grazing pressure: **0.25**

Soil disturbance: **0.2**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CL \(GER\) \*Trifolio-Geranietea sanguinei\*](#), [DA \(FES\) \*Festuco-Brometea\*](#), [FP \(ONO\) \*Festuco hystricis-Ononidetea striatae\*](#), [FR \(DAP\) \*Daphno-Festucetea\*](#), [KC \(ASP\) \*Asplenetetea trichomanis\*](#), [KE \(THL\) \*Thlaspietea rotundifolii\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R1S Heavy-metal grassland in Western and Central Europe](#), [U35 Boreal and Arctic base-rich inland cliff](#)

Constant species of EUNIS habitats: [R16 Perennial rocky grassland of Central and South-Eastern Europe](#), [R1A Semi-dry perennial calcareous grassland \(meadow steppe\)](#), [R1M Lowland to montane, dry to mesic grassland usually dominated by \*Nardus stricta\*](#), [R1S Heavy-metal grassland in Western and Central Europe](#), [R23 Mountain hay meadow](#), [R42 Boreal and Arctic acidophilous alpine grassland](#), [T1C Temperate and boreal mountain \*Betula\* and \*Populus tremula\* forest on mineral soils](#), [T34 Temperate subalpine \*Larix\*, \*Pinus cembra\* and \*Pinus uncinata\* forest](#), [T36 Temperate and submediterranean montane \*Pinus sylvestris\*-\*Pinus nigra\* forest](#), [T3H \*Larix\* light taiga](#), [U21 Boreal and Arctic siliceous scree and block field](#), [U23 Temperate, lowland to montane siliceous scree](#), [U25 Boreal and Arctic base-rich scree and block field](#), [U33 Temperate, lowland to montane siliceous inland cliff](#), [U34 Mediterranean siliceous inland cliff](#), [U35 Boreal and Arctic base-rich inland cliff](#), [U37 Temperate, lowland to montane base-rich inland cliff](#), [U38 Mediterranean base-rich inland cliff](#), [U3A Temperate ultramafic inland cliff](#)

### Broad habitat

Occurrence in broad habitats: Coastal cliff, Spring, Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Heathland, Oromediterranean scrub, Scrub, Forest, Sparsely vegetated (incl. rock and scree)

## Distribution

Continentality amplitude: 7