Campanula rotundifolia

Habitus and growth type

Plant height [m]: **0.3**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/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**

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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) *Asplenietea trichomanis***, **KE (THL) *Thlaspietea rotundifolii***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R1S Heavy-metal grassland in Western and Central Europe**, **U21 Boreal and Arctic siliceous scree and block field**, **U33 Temperate, lowland to montane siliceous inland cliff**, **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**, **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**, **U32 Temperate high-mountain siliceous inland cliff**, **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**

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