Asperula cynanchica

Habitus and growth type

Plant height [m]: **0.27**
Life span: **Perennial**
Life form: **Hemicryptophyte**
Spinescence: **not spinescent**

Leaf

Specific leaf area [mm^2/mg]: **27.63**

Flower

Flowering period: **June-October**

Fruit, seed and dispersal

Seed mass [mg]: **1.01**
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: **Alkaline**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.5**
Temperature indicator value: **6.4**
Moisture indicator value: **3**
Reaction indicator value: **7.9**
Nutrient indicator value: **2.8**
Salinity indicator value: **0**

Disturbance indicator values

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Disturbance frequency: **1.06**
Disturbance frequency (herb layer): **1.74**
Disturbance severity: **0.48**
Disturbance severity (herb layer): **0.42**
Mowing frequency: **0.47**
Grazing pressure: **0.32**
Soil disturbance: **0.15**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: **R16 Perennial rocky grassland of Central and South-Eastern Europe**, **R18 Perennial rocky calcareous grassland of subatlantic-submediterranean Europe**, **R1A Semi-dry perennial calcareous grassland (meadow steppe)**
Constant species of EUNIS habitats: **R14 Perennial rocky grassland of the Italian Peninsula**, **R15 Continental dry rocky steppic grassland and dwarf scrub on chalk outcrops**, **R16 Perennial rocky grassland of Central and South-Eastern Europe**, **R17 Heavy-metal dry grassland of the Balkans**, **R18 Perennial rocky calcareous grassland of subatlantic-submediterranean Europe**, **R1A Semi-dry perennial calcareous grassland (meadow steppe)**, **R1B Continental dry grassland (true steppe)**, **R45 Alpine and subalpine calcareous grassland of the Balkans and Apennines**, **S24 Subalpine genistoid scrub of the Amphi-Adriatic region**, **S36 Low steppic scrub**, **T36 Temperate and submediterranean montane Pinus sylvestris-Pinus nigra forest**, **U37 Temperate, lowland to montane base-rich inland cliff**, **U72 Unvegetated or sparsely vegetated gravel bar in the Mediterranean region**

Broad habitat

Occurrence in broad habitats: **Coastal beach, dune or shingle, Coastal cliff, Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Scrub, Forest, Sparsely vegetated (incl. rock and scree)**

Distribution

Continentality: **5**
Continentality amplitude: **3**

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