Asperula purpurea

Habitus and growth type

Plant height [m]: **0.35**
Life span: **Perennial**
Life form: **Chamaephyte, Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **1.49**

Flower

Flowering period: **May-October**

Fruit, seed and dispersal

Seed mass [mg]: **0.58**
Dispersal mode: **Local non-specific dispersal**
Dispersal distance class: **2**

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: **9**
Temperature indicator value: **7.5**
Moisture indicator value: **2**
Reaction indicator value: **7**
Nutrient indicator value: **2**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.47**

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Disturbance frequency (herb layer): **1.59**
Disturbance severity: **0.52**
Disturbance severity (herb layer): **0.29**
Mowing frequency: **0.14**
Grazing pressure: **0.29**
Soil disturbance: **0.14**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **DA (FES) *Festuco-Brometea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R14 Perennial rocky grassland of the Italian Peninsula, S24 Subalpine genistoid scrub of the Amphi-Adriatic region**

Constant species of EUNIS habitats: **R14 Perennial rocky grassland of the Italian Peninsula, S24 Subalpine genistoid scrub of the Amphi-Adriatic region**

Broad habitat

Occurrence in broad habitats: **Coastal cliff, Grassland (non-alpine, non-saline), Scrub, Sparsely vegetated (incl. rock and scree)**

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