

Saxifraga paniculata

Habitus and growth type

Plant height [m]: **0.17**

Life span: **Perennial**

Life form: **Chamaephyte, Hemicryptophyte**

Leaf

Specific leaf area [mm²/mg]: **8.54**

Flower

Flowering period: **May-August**

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: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.5**

Temperature indicator value: **2.9**

Moisture indicator value: **2.9**

Reaction indicator value: **7.8**

Nutrient indicator value: **1.8**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.92**

Disturbance frequency (herb layer): **1.28**
Disturbance severity: **0.33**
Disturbance severity (herb layer): **0.27**
Mowing frequency: **0.04**
Grazing pressure: **0.24**
Soil disturbance: **0.11**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [CU \(SES\) *Elyno-Seslerietea*](#), [DA \(FES\) *Festuco-Brometea*](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [R44 Arctic-alpine calcareous grassland](#), [R45 Alpine and subalpine calcareous grassland of the Balkans and Apennines](#), [U36 Temperate high-mountain base-rich inland cliff](#)

Constant species of EUNIS habitats: [R44 Arctic-alpine calcareous grassland](#), [R45 Alpine and subalpine calcareous grassland of the Balkans and Apennines](#), [U32 Temperate high-mountain siliceous inland cliff](#), [U36 Temperate high-mountain base-rich inland cliff](#)

Broad habitat

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

Distribution

Continentality amplitude: 5