

# ***Polemonium caeruleum***

## **Habitus and growth type**

Plant height [m]: **0.56**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## **Leaf**

Specific leaf area [mm<sup>2</sup>/mg]: **37.27**

## **Flower**

Flowering period: **June-August**

## **Fruit, seed and dispersal**

Seed mass [mg]: **0.94**

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

Dispersal distance class: **2, 7**

## **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 reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **6.4**

Temperature indicator value: **3.7**

Reaction indicator value: **7.2**

Nutrient indicator value: **6.2**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.78**

Disturbance frequency (herb layer): **1.46**

Disturbance severity: **0.54**

Disturbance severity (herb layer): **0.43**

Mowing frequency: **0.53**

Grazing pressure: **0.16**

Soil disturbance: **0.18**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CM \(MOL\) \*Molinio-Arrhenatheretea\*](#),  
[CS \(MUL\) \*Mulgedio-Aconitetea\*](#)

### Broad habitat

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

## Distribution

Continentality: 7

Continentality amplitude: 3