

# *Sesleria caerulea*

## Habitus and growth type

Plant height [m]: **0.27**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **19.27**

## Flower

Flowering period: **April-July**

## Fruit, seed and dispersal

Seed mass [mg]: **1.12**

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: **Mesic**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.3**

Temperature indicator value: **3.2**

Moisture indicator value: **4.4**

Reaction indicator value: **8.3**

Nutrient indicator value: **2.3**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.47**

Disturbance frequency (herb layer): **1.22**  
Disturbance severity: **0.46**  
Disturbance severity (herb layer): **0.27**  
Mowing frequency: **0.12**  
Grazing pressure: **0.24**  
Soil disturbance: **0.11**

## Habitat and sociology

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R44 Arctic-alpine calcareous grassland](#), [T36 Temperate and submediterranean montane Pinus sylvestris-Pinus nigra forest](#)

Constant species of EUNIS habitats: [Q45 Arctic-alpine rich fen](#), [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 \(meadow steppe\)](#), [R44 Arctic-alpine calcareous grassland](#), [R51 Thermophilous forest fringe of base-rich soils](#), [S21 Subarctic and alpine dwarf Salix scrub](#), [S22 Alpine and subalpine ericoid heath](#), [S24 Subalpine genistoid scrub of the Amphi-Adriatic region](#), [S26 Subalpine Pinus mugo scrub](#), [T34 Temperate subalpine Larix, Pinus cembra and Pinus uncinata forest](#), [T36 Temperate and submediterranean montane Pinus sylvestris-Pinus nigra forest](#), [U36 Temperate high-mountain base-rich inland cliff](#), [U37 Temperate, lowland to montane base-rich inland cliff](#)

### Broad habitat

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

## Distribution

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