

# *Sesleria nitida*

## Habitus and growth type

Plant height [m]: **0.55**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Flower

Flowering period: **May-July**

## Fruit, seed and dispersal

Seed mass [mg]: **2.2**

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: **Slightly acidic to near-neutral**

Nutrient relationship: **Dystrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **9**

Temperature indicator value: **5**

Moisture indicator value: **2**

Reaction indicator value: **6**

Nutrient indicator value: **1**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.41**

Disturbance frequency (herb layer): **1.27**

Disturbance severity: **0.46**

Disturbance severity (herb layer): **0.24**

Mowing frequency: **0.04**

Grazing pressure: **0.27**

Soil disturbance: **0.09**

## **Habitat and sociology**

EUNIS habitat

Diagnostic species of EUNIS habitats: [R45 Alpine and subalpine calcareous grassland of the Balkans and Apennines](#)

Constant species of EUNIS habitats: [R45 Alpine and subalpine calcareous grassland of the Balkans and Apennines](#)

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)**