# *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**

*© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz*

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**
Dominant 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)**

*© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz*