

# *Melica amethystina*

## Habitus and growth type

Plant height [m]: **0.35**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Flower

Flowering period: **April-June**

## Fruit, seed and dispersal

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: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8**

Temperature indicator value: **8.5**

Moisture indicator value: **2**

Reaction indicator value: **5**

Nutrient indicator value: **2**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.22**

Disturbance frequency (herb layer): **1.31**

Disturbance severity: **0.68**

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

Mowing frequency: **0.06**

Grazing pressure: **0.29**

Soil disturbance: **0.14**

### **Habitat and sociology**

Syntaxon

Diagnostic species of phytosociological classes: [KC \(ASP\) \*Asplenietea trichomanis\*](#)

Broad habitat

Occurrence in broad habitats: **Coastal cliff, Grassland (non-alpine, non-saline), Scrub, Sparsely vegetated (incl. rock and scree)**