

# *Allium atroviolaceum*

## Habitus and growth type

Plant height [m]: **0.88**

Life span: **Perennial**

Life form: **Geophyte**

## Flower

Flowering period: **May-June**

## Fruit, seed and dispersal

Seed mass [mg]: **0.96**

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: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.5**

Moisture indicator value: **3.5**

Reaction indicator value: **5.5**

Nutrient indicator value: **4.5**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.54**

Disturbance frequency (herb layer): **1.56**

Disturbance severity: **0.6**

Disturbance severity (herb layer): **0.48**

Mowing frequency: **0.32**

Grazing pressure: **0.25**

Soil disturbance: **0.21**

### **Habitat and sociology**

Broad habitat

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