# *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**

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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)**

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