

# *Allium carinatum*

## Habitus and growth type

Plant height [m]: **0.31**

Life span: **Perennial**

Life form: **Geophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **28.7**

## Flower

Flowering period: **May-September**

## Fruit, seed and dispersal

Seed mass [mg]: **1.86**

Dispersal mode: **Local non-specific dispersal, Anthropochory**

Dispersal distance class: **2, 7**

## 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: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.9**

Temperature indicator value: **5.8**

Moisture indicator value: **3.5**

Reaction indicator value: **7.3**

Nutrient indicator value: **2.6**

Salinity indicator value: **0.2**

### Disturbance indicator values

Disturbance frequency: **0.59**

Disturbance frequency (herb layer): **1.69**

Disturbance severity: **0.54**

Disturbance severity (herb layer): **0.38**

Mowing frequency: **0.46**

Grazing pressure: **0.26**

Soil disturbance: **0.15**

## **Habitat and sociology**

Broad habitat

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