# *Cerastium tomentosum*

## Habitus and growth type

Plant height [m]: **0.18**
Life span: **Perennial**
Life form: **Chamaephyte**

## Leaf

Specific leaf area [$mm^2$/mg]: **21.48**

## Flower

Flowering period: **May-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0.67**
Dispersal mode: **Local non-specific dispersal, Anthropochory**
Dispersal distance class: **1, 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: **Mesotrophic**
Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8**
Temperature indicator value: **6.7**
Moisture indicator value: **3**
Reaction indicator value: **6.7**
Nutrient indicator value: **4.7**
Salinity indicator value: **0.3**

### Disturbance indicator values

Disturbance frequency: **1.04**

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Disturbance frequency (herb layer): **1.62**
Disturbance severity: **0.43**
Disturbance severity (herb layer): **0.37**
Mowing frequency: **0.14**
Grazing pressure: **0.34**
Soil disturbance: **0.18**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: **FN (RUM) *Rumici aetnensis-Astragaletea siculi*, KE (THL) *Thlaspietea rotundifolii***

### EUNIS habitat

Diagnostic species of EUNIS habitats: **R14 Perennial rocky grassland of the Italian Peninsula, R45 Alpine and subalpine calcareous grassland of the Balkans and Apennines, S74 Central Mediterranean mountain hedgehog-heath**
Constant species of EUNIS habitats: **R14 Perennial rocky grassland of the Italian Peninsula, S74 Central Mediterranean mountain hedgehog-heath**

### Broad habitat

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

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