

# ***Cerastium tomentosum***

## **Habitus and growth type**

Plant height [m]: **0.18**

Life span: **Perennial**

Life form: **Chamaephyte**

## **Leaf**

Specific leaf area [mm<sup>2</sup>/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**

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-Astragaletea siculi\*](#),  
[KE \(THL\) \*Thlaspietea rotundifolii\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R14 Perennial rocky grassland of the Italian Peninsula](#), [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)**