

Cerastium arvense

Habitus and growth type

Plant height [m]: **0.15**

Life span: **Perennial**

Life form: **Chamaephyte, Hemicryptophyte**

Leaf

Specific leaf area [mm²/mg]: **23.35**

Flower

Flowering period: **April-August**

Fruit, seed and dispersal

Seed mass [mg]: **0.25**

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

Dispersal distance class: **1**

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: **8.2**

Moisture indicator value: **3.5**

Reaction indicator value: **5.7**

Nutrient indicator value: **3.2**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.15**

Disturbance frequency (herb layer): **1.79**

Disturbance severity: **0.46**

Disturbance severity (herb layer): **0.42**

Mowing frequency: **0.38**

Grazing pressure: **0.28**

Soil disturbance: **0.25**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [KE \(THL\) *Thlaspietea rotundifolii*](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [R14 Perennial rocky grassland of the Italian Peninsula](#), [S24 Subalpine genistoid scrub of the Amphi-Adriatic region](#)

Constant species of EUNIS habitats: [R14 Perennial rocky grassland of the Italian Peninsula](#), [R17 Heavy-metal dry grassland of the Balkans](#), [R1P Oceanic to subcontinental inland sand grassland on dry acid and neutral soils](#), [R43 Temperate acidophilous alpine grassland](#), [R45 Alpine and subalpine calcareous grassland of the Balkans and Apennines](#), [S24 Subalpine genistoid scrub of the Amphi-Adriatic region](#), [U23 Temperate, lowland to montane siliceous scree](#)

Broad habitat

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