Cerastium arvense

Habitus and growth type

Plant height [m]: **0.15**
Life span: **Perennial**
Life form: **Chamaephyte, Hemicryptophyte**

Leaf

Specific leaf area [mm^2/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**

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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**

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