Arenaria serpyllifolia

Habitus and growth type

Plant height [m]: **0.19**
Life span: **Annual, Biennial or short-lived**
Life form: **Hemicryptophyte, Therophyte**

Leaf

Specific leaf area [mm^2/mg]: **15.76**

Flower

Flowering period: **February-October**

Fruit, seed and dispersal

Seed mass [mg]: **0.09**
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: **Alkaline**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.3**
Temperature indicator value: **5.2**
Moisture indicator value: **3.5**
Reaction indicator value: **6.7**
Nutrient indicator value: **4**
Salinity indicator value: **0.1**

Disturbance indicator values

Disturbance frequency: **1.48**

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Disturbance frequency (herb layer): **1.92**
Disturbance severity: **0.59**
Disturbance severity (herb layer): **0.57**
Mowing frequency: **0.44**
Grazing pressure: **0.27**
Soil disturbance: **0.43**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CK (SED) *Sedo-Scleranthetea*, FJ (TRA) *Stipo-Trachynietea distachyae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R12 Cryptogam- and annual-dominated vegetation on siliceous rock outcrops, R13 Cryptogam- and annual-dominated vegetation on calcareous and ultramafic rock outcrops, R1P Oceanic to subcontinental inland sand grassland on dry acid and neutral soils, V13 Arable land with unmixed crops grown by low-intensity agricultural methods**

Constant species of EUNIS habitats: **R12 Cryptogam- and annual-dominated vegetation on siliceous rock outcrops, R13 Cryptogam- and annual-dominated vegetation on calcareous and ultramafic rock outcrops, R14 Perennial rocky grassland of the Italian Peninsula, R16 Perennial rocky grassland of Central and South-Eastern Europe, R1B Continental dry grassland (true steppe), R1F Mediterranean annual-rich dry grassland, R1P Oceanic to subcontinental inland sand grassland on dry acid and neutral soils, V13 Arable land with unmixed crops grown by low-intensity agricultural methods, V15 Bare tilled, fallow or recently abandoned arable land**

Broad habitat

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

Distribution

Continentality amplitude: **6**

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