Dianthus sylvestris

Habitus and growth type

Plant height [m]: **0.22**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **0.75**

Flower

Flowering period: **April-September**

Fruit, seed and dispersal

Seed mass [mg]: **0.78**
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: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7**
Moisture indicator value: **3.9**
Nutrient indicator value: **2.9**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.68**
Disturbance frequency (herb layer): **1.5**
Disturbance severity: **0.49**

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Disturbance severity (herb layer): **0.34**
Mowing frequency: **0.2**
Grazing pressure: **0.33**
Soil disturbance: **0.15**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: **R14 Perennial rocky grassland of the Italian Peninsula**, **R19 Dry steppic submediterranean pasture of the Amphi-Adriatic region**, **R45 Alpine and subalpine calcareous grassland of the Balkans and Apennines**
Constant species of EUNIS habitats: **R14 Perennial rocky grassland of the Italian Peninsula**, **R19 Dry steppic submediterranean pasture of the Amphi-Adriatic region**, **R45 Alpine and subalpine calcareous grassland of the Balkans and Apennines**

Broad habitat

Occurrence in broad habitats: **Coastal beach, dune or shingle, Coastal cliff, Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Oromediterranean scrub, Scrub, Sparsely vegetated (incl. rock and scree)**

Distribution

Continentality: **5**
Continentality amplitude: **3**

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