

Dianthus sylvestris

Habitus and growth type

Plant height [m]: **0.22**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/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**

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](#), [U3B Mediterranean ultramafic inland cliff](#)

Constant species of EUNIS habitats: [R14 Perennial rocky grassland of the Italian Peninsula](#), [R18 Perennial rocky calcareous grassland of subatlantic-submediterranean Europe](#), [R19 Dry steppic submediterranean pasture of the Amphi-Adriatic region](#), [R45 Alpine and subalpine calcareous grassland of the Balkans and Apennines](#), [U34 Mediterranean siliceous inland cliff](#), [U3B Mediterranean ultramafic inland cliff](#)

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**