

Dianthus armeria

Habitus and growth type

Plant height [m]: **0.34**

Life span: **Annual, Biennial or short-lived**

Life form: **Hemicryptophyte, Therophyte**

Leaf

Specific leaf area [mm²/mg]: **15.26**

Flower

Flowering period: **April-August**

Fruit, seed and dispersal

Seed mass [mg]: **0.29**

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

Dispersal distance class: **2, 7**

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: **Mesic**

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: **4.2**

Nutrient indicator value: **2.7**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.69**

Disturbance frequency (herb layer): **1.76**

Disturbance severity: **0.55**

Disturbance severity (herb layer): **0.43**

Mowing frequency: **0.57**

Grazing pressure: **0.26**

Soil disturbance: **0.25**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [CH \(ULI\) *Calluno-Ulicetea*](#)

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Heathland, Scrub, Forest**

Distribution

Continentality: **4**

Continentality amplitude: **4**