

Dianthus rupicola

Habitus and growth type

Plant height [m]: **0.3**

Life span: **Perennial**

Life form: **Chamaephyte**

Leaf

Specific leaf area [mm²/mg]: **8.73**

Flower

Flowering period: **April-September**

Fruit, seed and dispersal

Seed mass [mg]: **0.67**

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

Dispersal distance class: **2**

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: **Dystrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **9**

Temperature indicator value: **10**

Moisture indicator value: **2**

Reaction indicator value: **7**

Nutrient indicator value: **1**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.77**

Disturbance frequency (herb layer): **1.07**

Disturbance severity: **0.58**

Disturbance severity (herb layer): **0.45**

Mowing frequency: **0.28**

Grazing pressure: **0.38**

Soil disturbance: **0.11**

Habitat and sociology

Broad habitat

Occurrence in broad habitats: **Coastal cliff, Sparsely vegetated (incl. rock and scree)**