

# ***Dianthus rupicola***

## **Habitus and growth type**

Plant height [m]: **0.3**

Life span: **Perennial**

Life form: **Chamaephyte**

## **Leaf**

Specific leaf area [mm<sup>2</sup>/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)**