

Dianthus capitatus

Habitus and growth type

Life span: **Perennial**

Life form: **Hemicryptophyte**

Fruit, seed and dispersal

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**

Ellenberg-type indicator values

Light indicator value: **7.8**

Temperature indicator value: **5.5**

Moisture indicator value: **4.3**

Disturbance indicator values

Disturbance frequency: **1.39**

Disturbance frequency (herb layer): **1.67**

Disturbance severity: **0.49**

Disturbance severity (herb layer): **0.47**

Mowing frequency: **0.84**

Grazing pressure: **0.39**

Soil disturbance: **0.16**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: [U33 Temperate, lowland to montane siliceous inland cliff](#)

Broad habitat

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