

# *Acanthus mollis*

## Habitus and growth type

Plant height [m]: **0.8**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Flower

Flowering period: **February-June**

## Fruit, seed and dispersal

Seed mass [mg]: **206.8**

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: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **6**

Temperature indicator value: **8.3**

Moisture indicator value: **3.5**

Reaction indicator value: **7**

Nutrient indicator value: **7.5**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.29**

Disturbance frequency (herb layer): **1.37**

Disturbance severity: **0.69**

Disturbance severity (herb layer): **0.32**

Mowing frequency: **0.12**

Grazing pressure: **0.25**

Soil disturbance: **0.15**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [QG \(EPI\) \*Epilobietea angustifolii\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [T22 Mainland laurophyllous forest](#)

Constant species of EUNIS habitats: [T22 Mainland laurophyllous forest](#)

### Broad habitat

Occurrence in broad habitats: **Scrub, Forest, Sparsely vegetated (incl. rock and scree), Synanthropic**