

# *Foeniculum vulgare*

## Habitus and growth type

Plant height [m]: **1.24**

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

Life form: **Hemicryptophyte**

Spinescence: **not spinescent**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **6.38**

## Flower

Flowering period: **May-August**

## Fruit, seed and dispersal

Seed mass [mg]: **13.72**

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: **Dry**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Slightly saline or brackish**

### Ellenberg-type indicator values

Light indicator value: **8.2**

Moisture indicator value: **3.7**

Reaction indicator value: **7.6**

Nutrient indicator value: **6.1**

Salinity indicator value: **1**

### Disturbance indicator values

Disturbance frequency: **1.08**

Disturbance frequency (herb layer): **1.62**  
Disturbance severity: **0.75**  
Disturbance severity (herb layer): **0.69**  
Mowing frequency: **0.53**  
Grazing pressure: **0.24**  
Soil disturbance: **0.31**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [FF \(LYG\) \*Lygeo sparti-Stipetea tenacissimae\*](#), [QF \(ART\) \*Artemisietea vulgaris\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R1E Mediterranean tall perennial dry grassland](#), [S53 \*Spartium junceum\* scrub](#), [V33 Dry Mediterranean land with unpalatable non-vernal herbaceous vegetation](#)

Constant species of EUNIS habitats: [R1E Mediterranean tall perennial dry grassland](#), [S53 \*Spartium junceum\* scrub](#), [V33 Dry Mediterranean land with unpalatable non-vernal herbaceous vegetation](#)

Dominant species of EUNIS habitats: [V33 Dry Mediterranean land with unpalatable non-vernal herbaceous vegetation](#)

### Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Scrub, Sparsely vegetated (incl. rock and scree), Synanthropic**