

# *Epipactis palustris*

## Habitus and growth type

Plant height [m]: **0.36**

Life span: **Perennial**

Life form: **Geophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **22.69**

## Flower

Flowering period: **May-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0**

Dispersal mode: **Anemochory**

Dispersal distance class: **5**

## Trophic mode

Parasitism and mycoheterotrophy: **initial or partial mycoheterotroph**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

## Taxon origin

Origin in Europe: **Native**

## Ecology

### Environmental relationships

Substrate humidity relationship: **Wet**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.8**

Temperature indicator value: **5.2**

Moisture indicator value: **8.1**

Reaction indicator value: **7.6**

Nutrient indicator value: **2.1**

Salinity indicator value: **0.3**

### Disturbance indicator values

Disturbance frequency: **1.17**

Disturbance frequency (herb layer): **1.77**  
Disturbance severity: **0.36**  
Disturbance severity (herb layer): **0.31**  
Mowing frequency: **0.55**  
Grazing pressure: **0.2**  
Soil disturbance: **0.11**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CM \(MOL\) \*Molinio-Arrhenatheretea\*](#), [IA \(ALN\) \*Alnetea glutinosae\*](#), [PA \(SCH\) \*Scheuchzerio palustris-Caricetea fuscae\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [Q41 Alkaline, calcareous, carbonate-rich small-sedge spring fen](#), [Q43 Tall-sedge base-rich fen](#), [Q46 Carpathian travertine fen with halophytes](#)

Constant species of EUNIS habitats: [N1H Atlantic and Baltic moist and wet dune slack](#), [Q41 Alkaline, calcareous, carbonate-rich small-sedge spring fen](#), [Q42 Extremely rich moss-sedge fen](#), [Q43 Tall-sedge base-rich fen](#), [Q46 Carpathian travertine fen with halophytes](#)

### Broad habitat

Occurrence in broad habitats: **Aquatic, Spring, Wetland, Mire, Grassland (non-alpine, non-saline), Forest**

## Distribution

Continentality amplitude: **6**