Epipactis palustris

Habitus and growth type

Plant height [m]: **0.36**
Life span: **Perennial**
Life form: **Geophyte**

Leaf

Specific leaf area [mm^2/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**

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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: **Q41 Alkaline, calcareous, carbonate-rich small-sedge spring 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**

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