

Epipactis muelleri

Habitus and growth type

Plant height [m]: **0.42**

Life span: **Perennial**

Life form: **Geophyte**

Flower

Flowering period: **May-July**

Fruit, seed and dispersal

Dispersal mode: **Anemochory**

Dispersal distance class: **3**

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: **Dry**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **6.2**

Temperature indicator value: **6.7**

Moisture indicator value: **4**

Reaction indicator value: **7.6**

Nutrient indicator value: **3.4**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.04**

Disturbance frequency (herb layer): **1.31**

Disturbance severity: **0.68**

Disturbance severity (herb layer): **0.13**

Mowing frequency: **0.02**

Grazing pressure: **0.2**

Soil disturbance: **0.1**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [CA \(FAG\) *Carpino-Fagetea sylvaticae*](#),
[CL \(GER\) *Trifolio-Geranietea sanguinei*](#), [CO \(ERI\) *Erico-Pinetea*](#)

Broad habitat

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

Distribution

Continentality: **4**

Continentality amplitude: **4**