

# *Orchis pallens*

## Habitus and growth type

Plant height [m]: **0.24**

Life span: **Perennial**

Life form: **Geophyte**

## Flower

Flowering period: **March-June**

## Fruit, seed and dispersal

Seed mass [mg]: **0**

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: **Mesic**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Reaction indicator value: **7.8**

Nutrient indicator value: **4.2**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.09**

Disturbance frequency (herb layer): **1.36**

Disturbance severity: **0.67**

Disturbance severity (herb layer): **0.17**

Mowing frequency: **0.06**

Grazing pressure: **0.19**

Soil disturbance: **0.12**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CA \(FAG\) Carpino-Fagetea sylvaticae](#)

### Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Scrub, Forest**

## Distribution

Continentality: **5**

Continentality amplitude: **4**