

Ophrys apifera

Habitus and growth type

Plant height [m]: **0.23**

Life span: **Perennial**

Life form: **Geophyte**

Leaf

Specific leaf area [mm²/mg]: **19.67**

Flower

Flowering period: **April-July**

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: **Dry**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.6**

Moisture indicator value: **4**

Reaction indicator value: **8.1**

Nutrient indicator value: **2.6**

Salinity indicator value: **0.1**

Disturbance indicator values

Disturbance frequency: **1.14**

Disturbance frequency (herb layer): **1.79**

Disturbance severity: **0.51**

Disturbance severity (herb layer): **0.46**

Mowing frequency: **0.82**

Grazing pressure: **0.29**

Soil disturbance: **0.15**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [CL \(GER\) *Trifolio-Geranietea sanguinei*](#), [DA \(FES\) *Festuco-Brometea*](#)

Broad habitat

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

Distribution

Continentality amplitude: **5**