

Orobanche alsatica

Habitus and growth type

Plant height [m]: **0.43**

Life span: **Perennial**

Life form: **Geophyte**

Flower

Flowering period: **May-July**

Fruit, seed and dispersal

Dispersal mode: **Anemochory**

Dispersal distance class: **5**

Trophic mode

Parasitism and mycoheterotrophy: **obligate root parasite**

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: **6.9**

Moisture indicator value: **3.7**

Reaction indicator value: **7.2**

Nutrient indicator value: **2.7**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.02**

Disturbance frequency (herb layer): **1.81**

Disturbance severity: **0.47**

Disturbance severity (herb layer): **0.42**

Mowing frequency: **0.52**

Grazing pressure: **0.31**

Soil disturbance: **0.12**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [CL \(GER\) *Trifolio-Geranietea sanguinei*](#)

Broad habitat

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

Distribution

Continentality: 7

Continentality amplitude: 4