

Melampyrum italicum

Habitus and growth type

Plant height [m]: **0.34**

Life span: **Annual**

Life form: **Therophyte**

Flower

Flowering period: **April-August**

Fruit, seed and dispersal

Dispersal mode: **Myrmecochory**

Dispersal distance class: **3**

Trophic mode

Parasitism and mycoheterotrophy: **euphytoid hemiparasite**

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**

Temperature indicator value: **6.5**

Moisture indicator value: **3**

Reaction indicator value: **7**

Nutrient indicator value: **3**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.02**

Disturbance frequency (herb layer): **1.32**

Disturbance severity: **0.69**

Disturbance severity (herb layer): **0.12**

Mowing frequency: **0.02**

Grazing pressure: **0.2**

Soil disturbance: **0.1**

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, Forest**