

Smyrniium perfoliatum

Habitus and growth type

Plant height [m]: **0.76**

Life span: **Biennial or short-lived**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/mg]: **31.26**

Flower

Flowering period: **February-May**

Fruit, seed and dispersal

Seed mass [mg]: **8.73**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **2**

Trophic mode

Parasitism and mycoheterotrophy: **autotroph**

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: **Eutrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Moisture indicator value: **4.7**

Reaction indicator value: **7.5**

Nutrient indicator value: **7.2**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.12**

Disturbance frequency (herb layer): **1.37**

Disturbance severity: **0.7**

Disturbance severity (herb layer): **0.24**

Mowing frequency: **0.08**

Grazing pressure: **0.21**

Soil disturbance: **0.15**

Habitat and sociology

Broad habitat

Occurrence in broad habitats: **Wetland, Scrub, Sparsely vegetated (incl. rock and scree), Synanthropic**

Distribution

Continentality: **6**

Continentality amplitude: **2**