Smyrnium perfoliatum

Habitus and growth type

Plant height [m]: **0.76**
Life span: **Biennial or short-lived**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/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**

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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**

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