Melilotus altissimus

Habitus and growth type

Plant height [m]: **0.97**
Life span: **Biennial or short-lived**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **15.65**

Flower

Flowering period: **June-October**

Fruit, seed and dispersal

Seed mass [mg]: **4.09**
Dispersal mode: **Local non-specific dispersal**
Dispersal distance class: **2**

Trophic mode

Parasitism and mycoheterotrophy: **autotroph**
Carnivory: **non-carnivorous**
Symbiotic nitrogen fixation: **symbiosis with rhizobia**

Taxon origin

Origin in Europe: **Native**

Ecology

Environmental relationships

Substrate humidity relationship: **Wet**
Substrate reaction relationship: **Alkaline**
Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **8**
Temperature indicator value: **6.2**
Moisture indicator value: **6.6**
Reaction indicator value: **7**
Salinity indicator value: **1.2**

Disturbance indicator values

Disturbance frequency: **1.37**
Disturbance frequency (herb layer): **1.71**
Disturbance severity: **0.58**

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Disturbance severity (herb layer): **0.56**
Mowing frequency: **0.77**
Grazing pressure: **0.22**
Soil disturbance: **0.26**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **QG (EPI) *Epilobietea angustifolii***

Broad habitat

Occurrence in broad habitats: **Aquatic, Wetland, Grassland (non-alpine, non-saline), Sparsely vegetated (incl. rock and scree), Synanthropic**

Distribution

Continentality: **5**
Continentality amplitude: **4**

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