Melilotus dentatus

Habitus and growth type

Plant height [m]: **0.57**
Life span: **Biennial or short-lived**
Life form: **Hemicryptophyte**

Flower

Flowering period: **June-September**

Fruit, seed and dispersal

Seed mass [mg]: **2.58**
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**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **7.8**
Temperature indicator value: **6**
Moisture indicator value: **6.2**
Reaction indicator value: **7**
Nutrient indicator value: **4.8**
Salinity indicator value: **3**

Disturbance indicator values

Disturbance frequency: **2.08**
Disturbance frequency (herb layer): **2.08**
Disturbance severity: **0.5**
Disturbance severity (herb layer): **0.5**

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Mowing frequency: **0.78**
Grazing pressure: **0.45**
Soil disturbance: **0.21**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CM (MOL) *Molinio-Arrhenatheretea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R63 Temperate inland salt marsh**

Broad habitat

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

Distribution

Continentality: **8**
Continentality amplitude: **6**

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