

Melilotus albus

Habitus and growth type

Plant height [m]: **0.86**

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

Life form: **Hemicryptophyte, Therophyte**

Leaf

Specific leaf area [mm²/mg]: **21.46**

Flower

Flowering period: **June-September**

Fruit, seed and dispersal

Seed mass [mg]: **2.32**

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 reaction relationship: **Alkaline**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.7**

Reaction indicator value: **6.8**

Nutrient indicator value: **3.9**

Salinity indicator value: **0.1**

Disturbance indicator values

Disturbance frequency: **1.34**

Disturbance frequency (herb layer): **1.68**

Disturbance severity: **0.69**

Disturbance severity (herb layer): **0.66**

Mowing frequency: **0.66**

Grazing pressure: **0.17**

Soil disturbance: **0.31**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [QF \(ART\) Artemisietea vulgaris](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [U71 Unvegetated or sparsely vegetated gravel bar in montane and alpine regions](#), [U72 Unvegetated or sparsely vegetated gravel bar in the Mediterranean region](#)

Constant species of EUNIS habitats: [U71 Unvegetated or sparsely vegetated gravel bar in montane and alpine regions](#), [U72 Unvegetated or sparsely vegetated gravel bar in the Mediterranean region](#), [V38 Dry perennial anthropogenic herbaceous vegetation](#)

Broad habitat

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

Distribution

Continentality amplitude: **9**