Melilotus messanensis

Habitus and growth type

Plant height [m]: **0.34**
Life span: **Annual**
Life form: **Therophyte**

Flower

Flowering period: **February-May**

Fruit, seed and dispersal

Seed mass [mg]: **8.8**
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: **Dry**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Eutrophic**

Ellenberg-type indicator values

Light indicator value: **8**
Temperature indicator value: **10.3**
Moisture indicator value: **4.3**
Reaction indicator value: **7**
Nutrient indicator value: **6**
Salinity indicator value: **3**

Disturbance indicator values

Disturbance frequency: **2.37**
Disturbance frequency (herb layer): **2.37**
Disturbance severity: **0.71**
Disturbance severity (herb layer): **0.71**
Mowing frequency: **0.38**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz

Grazing pressure: **0.2**
Soil disturbance: **0.38**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **MF (JUN) *Juncetea maritimi***

Broad habitat

Occurrence in broad habitats: **Coastal saltmarsh, Coastal beach, dune or shingle, Grassland (non-alpine, non-saline), Scrub, Sparsely vegetated (incl. rock and scree)**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz