

Medicago littoralis

Habitus and growth type

Plant height [m]: **0.08**

Life span: **Annual**

Life form: **Therophyte**

Spinescence: **not spinescent**

Leaf

Specific leaf area [mm²/mg]: **21.44**

Flower

Flowering period: **February-May**

Fruit, seed and dispersal

Seed mass [mg]: **753.9**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **1**

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: **Mesotrophic**

Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **8.7**

Temperature indicator value: **9.7**

Moisture indicator value: **2.7**

Reaction indicator value: **7**

Nutrient indicator value: **5.7**

Salinity indicator value: **2.7**

Disturbance indicator values

Disturbance frequency: **1.3**
Disturbance frequency (herb layer): **1.6**
Disturbance severity: **0.56**
Disturbance severity (herb layer): **0.51**
Mowing frequency: **0.12**
Grazing pressure: **0.22**
Soil disturbance: **0.43**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [FI \(TUB\) *Helianthemetea guttati*](#), [FJ \(TRA\) *Stipo-Trachynietea distachyae*](#), [JD \(AMM\) *Ammophiletea arundinaceae*](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [N16 Mediterranean and Macaronesian coastal dune grassland \(grey dune\)](#)

Constant species of EUNIS habitats: [N16 Mediterranean and Macaronesian coastal dune grassland \(grey dune\)](#)

Broad habitat

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