Medicago marina

Habitus and growth type

Plant height [m]: **0.09**
Life span: **Perennial**
Life form: **Chamaephyte, Hemicryptophyte**
Spinescence: **not spinescent**

Flower

Flowering period: **February-August**

Fruit, seed and dispersal

Seed mass [mg]: **4.1**
Dispersal mode: **Epizoochory**
Dispersal distance class: **6**

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: **Mesic**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **8.9**
Moisture indicator value: **4.6**
Reaction indicator value: **7**
Nutrient indicator value: **6.3**
Salinity indicator value: **3.3**

Disturbance indicator values

Disturbance frequency: **1.81**
Disturbance frequency (herb layer): **2.03**
Disturbance severity: **0.41**
Disturbance severity (herb layer): **0.4**

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Mowing frequency: **0.01**
Grazing pressure: **0.13**
Soil disturbance: **0.68**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **JD (AMM) *Ammophiletea arundinaceae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **N14 Mediterranean, Macaronesian and Black Sea shifting coastal dune**, **N16 Mediterranean and Macaronesian coastal dune grassland (grey dune)**, **N22 Mediterranean and Black Sea coastal shingle beach**
Constant species of EUNIS habitats: **N12 Mediterranean and Black Sea sand beach**, **N14 Mediterranean, Macaronesian and Black Sea shifting coastal dune**, **N16 Mediterranean and Macaronesian coastal dune grassland (grey dune)**, **N22 Mediterranean and Black Sea coastal shingle beach**

Broad habitat

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

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