

# *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**

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)**