

Lotus maritimus

Habitus and growth type

Plant height [m]: **0.29**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/mg]: **18.51**

Flower

Flowering period: **April-July**

Fruit, seed and dispersal

Seed mass [mg]: **4.08**

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: **Mesic**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **8.1**

Temperature indicator value: **6.3**

Reaction indicator value: **8.1**

Nutrient indicator value: **2.3**

Salinity indicator value: **1.7**

Disturbance indicator values

Disturbance frequency: **1.86**

Disturbance frequency (herb layer): **2.06**

Disturbance severity: **0.45**

Disturbance severity (herb layer): **0.45**

Mowing frequency: **1.07**

Grazing pressure: **0.3**

Soil disturbance: **0.13**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [CM \(MOL\) *Molinio-Arrhenatheretea*](#),
[JB \(CRI\) *Crithmo-Staticetea*](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [R31 Mediterranean tall humid inland grassland](#)

Constant species of EUNIS habitats: [R31 Mediterranean tall humid inland grassland](#)

Broad habitat

Occurrence in broad habitats: **Coastal cliff, Wetland, Mire, Grassland (non-alpine, non-saline), Saline vegetation**

Distribution

Continentality: **5**

Continentality amplitude: **3**