Lotus maritimus

Habitus and growth type

Plant height [m]: **0.29**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/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**

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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**

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