

Lotus creticus

Habitus and growth type

Plant height [m]: **0.18**

Life span: **Perennial**

Life form: **Chamaephyte, Hemicryptophyte**

Leaf

Specific leaf area [mm²/mg]: **8.18**

Flower

Flowering period: **February-June**

Fruit, seed and dispersal

Seed mass [mg]: **2.1**

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: **Slightly acidic to near-neutral**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **9**

Temperature indicator value: **9.5**

Moisture indicator value: **2**

Reaction indicator value: **6**

Nutrient indicator value: **3.5**

Salinity indicator value: **2.5**

Disturbance indicator values

Disturbance frequency: **1.43**

Disturbance frequency (herb layer): **1.81**

Disturbance severity: **0.43**

Disturbance severity (herb layer): **0.4**

Mowing frequency: **0.03**

Grazing pressure: **0.17**

Soil disturbance: **0.55**

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 \(grey dune\)](#)

Broad habitat

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