Lotus edulis

Habitus and growth type

Plant height [m]: **0.15**
Life span: **Annual**
Life form: **Therophyte**

Leaf

Specific leaf area [mm^2/mg]: **13.92**

Flower

Flowering period: **January-May**

Fruit, seed and dispersal

Seed mass [mg]: **2.6**
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: **8**
Temperature indicator value: **9.5**
Moisture indicator value: **3**
Reaction indicator value: **7**
Nutrient indicator value: **5.5**
Salinity indicator value: **0.5**

Disturbance indicator values

Disturbance frequency: **1.07**

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Disturbance frequency (herb layer): **1.72**
Disturbance severity: **0.77**
Disturbance severity (herb layer): **0.64**
Mowing frequency: **0.32**
Grazing pressure: **0.32**
Soil disturbance: **0.33**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **FJ (TRA) *Stipo-Trachynietea distachyae*, QC (CHE) *Chenopodietea***

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Scrub, Sparsely vegetated (incl. rock and scree), Synanthropic**

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