

# *Lotus tenuis*

## Habitus and growth type

Plant height [m]: **0.48**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **23.5**

## Flower

Flowering period: **April-August**

## Fruit, seed and dispersal

Seed mass [mg]: **1.3**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **2**

## 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: **Wet**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Mesotrophic**

### Ellenberg-type indicator values

Light indicator value: **7.9**

Reaction indicator value: **7.3**

Salinity indicator value: **3.3**

### Disturbance indicator values

Disturbance frequency: **1.81**

Disturbance frequency (herb layer): **1.97**

Disturbance severity: **0.51**

Disturbance severity (herb layer): **0.5**

Mowing frequency: **0.58**

Grazing pressure: **0.42**

Soil disturbance: **0.2**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CM \(MOL\) \*Molinio-Arrhenatheretea\*](#), [DB \(FEP\) \*Festuco-Puccinellietea\*](#), [JA \(SAG\) \*Saginetea maritimae\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R32 Mediterranean short moist grassland of lowlands](#), [R63 Temperate inland salt marsh](#)

Constant species of EUNIS habitats: [MA222 Atlantic upper saltmarsh](#), [Q46 Carpathian travertine fen with halophytes](#), [R32 Mediterranean short moist grassland of lowlands](#), [R63 Temperate inland salt marsh](#)

### Broad habitat

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

## Distribution

Continentality: **6**

Continentality amplitude: **6**