

Lotus preslii

Habitus and growth type

Plant height [m]: **0.4**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Flower

Flowering period: **April-July**

Fruit, seed and dispersal

Seed mass [mg]: **0.73**

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**

Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **8.5**

Temperature indicator value: **8**

Moisture indicator value: **8.3**

Reaction indicator value: **7**

Nutrient indicator value: **4.5**

Salinity indicator value: **2**

Disturbance indicator values

Disturbance frequency: **2.24**

Disturbance frequency (herb layer): **2.24**

Disturbance severity: **0.38**

Disturbance severity (herb layer): **0.38**

Mowing frequency: **0.31**

Grazing pressure: **0.32**

Soil disturbance: **0.18**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [**JB \(CRI\) Crithmo-Staticetea**](#)

Broad habitat

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