

# ***Lotus tetragonolobus***

## **Habitus and growth type**

Plant height [m]: **0.23**

Life span: **Annual**

Life form: **Therophyte**

## **Flower**

Flowering period: **March-May**

## **Fruit, seed and dispersal**

Seed mass [mg]: **31.91**

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: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### **Ellenberg-type indicator values**

Light indicator value: **7.7**

Moisture indicator value: **4.7**

Reaction indicator value: **8**

Nutrient indicator value: **6.7**

Salinity indicator value: **0**

### **Disturbance indicator values**

Disturbance frequency: **1.28**

Disturbance frequency (herb layer): **2.09**

Disturbance severity: **0.86**

Disturbance severity (herb layer): **0.79**

Mowing frequency: **0.56**

Grazing pressure: **0.24**

Soil disturbance: **0.44**

## **Habitat and sociology**

Syntaxon

Diagnostic species of phytosociological classes: [QC \(CHE\) \*Chenopodietea\*](#)

Broad habitat

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