

Medicago rigidula

Habitus and growth type

Plant height [m]: **0.09**

Life span: **Annual**

Life form: **Therophyte**

Spinescence: **not spinescent**

Leaf

Specific leaf area [mm²/mg]: **21.15**

Flower

Flowering period: **February-June**

Fruit, seed and dispersal

Seed mass [mg]: **3.38**

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 reaction relationship: **Alkaline**

Nutrient relationship: **Dystrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.4**

Temperature indicator value: **7.9**

Moisture indicator value: **2.4**

Reaction indicator value: **7.7**

Salinity indicator value: **1**

Disturbance indicator values

Disturbance frequency: **1.53**

Disturbance frequency (herb layer): **2.14**

Disturbance severity: **0.72**

Disturbance severity (herb layer): **0.69**

Mowing frequency: **0.52**

Grazing pressure: **0.3**

Soil disturbance: **0.41**

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), Sparsely vegetated (incl. rock and scree), Synanthropic**