Medicago rugosa

Habitus and growth type

Plant height [m]: **0.12**
Life span: **Annual**
Life form: **Therophyte**
Spinescence: **not spinescent**

Flower

Flowering period: **February-May**

Fruit, seed and dispersal

Seed mass [mg]: **8.2**
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: **Mesotrophic**
Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **8**
Temperature indicator value: **11**
Moisture indicator value: **2.5**
Reaction indicator value: **7.5**
Nutrient indicator value: **5.5**
Salinity indicator value: **0.5**

Disturbance indicator values

Disturbance frequency: **1.57**
Disturbance frequency (herb layer): **2.2**
Disturbance severity: **0.85**

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Disturbance severity (herb layer): **0.7**
Mowing frequency: **0.23**
Grazing pressure: **0.23**
Soil disturbance: **0.51**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **FJ (TRA) *Stipo-Trachynietea distachyae***

Broad habitat

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

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