Odontarrhena tortuosa

Habitus and growth type

Life span: **Perennial**
Life form: **Chamaephyte, Hemicryptophyte**

Fruit, seed and dispersal

Dispersal mode: **Local non-specific dispersal**
Dispersal distance class: **1**

Trophic mode

Parasitism and mycoheterotrophy: **autotroph**
Carnivory: **non-carnivorous**
Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

Taxon origin

Origin in Europe: **native**

Ecology

Environmental relationships

Substrate humidity relationship: **Dry**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Dystrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.6**
Moisture indicator value: **2.7**
Reaction indicator value: **9**
Nutrient indicator value: **1**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.57**
Disturbance frequency (herb layer): **1.73**
Disturbance severity: **0.46**
Disturbance severity (herb layer): **0.45**
Mowing frequency: **0.49**
Grazing pressure: **0.39**
Soil disturbance: **0.21**

Habitat and sociology

EUNIS habitat

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Diagnostic species of EUNIS habitats: **R11 Pannonian and Pontic sandy steppe**, **R15 Continental dry rocky steppic grassland and dwarf scrub on chalk outcrops**, **R1C Desert steppe**

Constant species of EUNIS habitats: **R11 Pannonian and Pontic sandy steppe**, **R15 Continental dry rocky steppic grassland and dwarf scrub on chalk outcrops**, **R1C Desert steppe**

Broad habitat

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

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