Ruta chalepensis

Habitus and growth type

Plant height [m]: **0.6**
Life span: **Perennial**
Life form: **Chamaephyte**

Flower

Flowering period: **March-July**

Fruit, seed and dispersal

Seed mass [mg]: **1.32**
Dispersal mode: **Local non-specific dispersal**
Dispersal distance class: **2**

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: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.6**
Temperature indicator value: **9**
Moisture indicator value: **2.3**
Reaction indicator value: **7.6**
Nutrient indicator value: **4.8**
Salinity indicator value: **0.3**

Disturbance indicator values

Disturbance frequency: **0.47**
Disturbance frequency (herb layer): **1.42**
Disturbance severity: **0.69**
Disturbance severity (herb layer): **0.32**

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Mowing frequency: **0.07**
Grazing pressure: **0.34**
Soil disturbance: **0.16**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **FB (ROS) *Ononido-Rosmarinetea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **S54 Thermomediterranean arid scrub**
Constant species of EUNIS habitats: **S54 Thermomediterranean arid scrub**

Broad habitat

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

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