Rosa spinosissima

Habitus and growth type

Plant height [m]: **0.77**
Life span: **Perennial**
Life form: **Phanerophyte, Shrub**

Leaf

Leaf type (woody plants only): **Broad deciduous or semi-deciduous**
Leaf phenology (woody plants only): **Winter deciduous**
Specific leaf area [mm^2/mg]: **15.62**

Flower

Flowering period: **April-July**

Fruit, seed and dispersal

Seed mass [mg]: **20.41**
Dispersal mode: **Endozoochory, Anthropochory**
Dispersal distance class: **6, 7**

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: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.7**
Temperature indicator value: **5.8**
Moisture indicator value: **4.1**
Reaction indicator value: **7.7**
Nutrient indicator value: **2.8**
Salinity indicator value: **0**

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Disturbance indicator values

Disturbance frequency: **0.57**
Disturbance frequency (herb layer): **1.39**
Disturbance severity: **0.48**
Disturbance severity (herb layer): **0.29**
Mowing frequency: **0.17**
Grazing pressure: **0.26**
Soil disturbance: **0.16**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CD (RHA) *Crataego-Prunetea***, **CL (GER) *Trifolio-Geranietea sanguinei***

EUNIS habitat

Diagnostic species of EUNIS habitats: **N1A Atlantic and Baltic coastal dune scrub**, **S36 Low steppic scrub**
Constant species of EUNIS habitats: **N1A Atlantic and Baltic coastal dune scrub**, **S36 Low steppic scrub**
Dominant species of EUNIS habitats: **N1A Atlantic and Baltic coastal dune scrub**

Broad habitat

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

Distribution

Continentality amplitude: **8**

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