

Rosa majalis

Habitus and growth type

Plant height [m]: **1.33**

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 [mm²/mg]: **19.42**

Flower

Flowering period: **May-July**

Fruit, seed and dispersal

Seed mass [mg]: **12.19**

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: **Mesic**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7**

Temperature indicator value: **5.6**

Moisture indicator value: **5.3**

Reaction indicator value: **7**

Nutrient indicator value: **3.3**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.3**

Disturbance frequency (herb layer): **1.5**

Disturbance severity: **0.64**

Disturbance severity (herb layer): **0.3**

Mowing frequency: **0.16**

Grazing pressure: **0.22**

Soil disturbance: **0.14**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [BC \(BRA\) *Brachypodio pinnati-Betuletea pendulae*](#), [CD \(RHA\) *Crataego-Prunetea*](#)

Broad habitat

Occurrence in broad habitats: **Wetland, Scrub, Forest, Sparsely vegetated (incl. rock and scree)**

Distribution

Continentality: 7

Continentality amplitude: 6