Rhamnus cathartica

Habitus and growth type

Plant height [m]: **3.77**
Life span: **Perennial**
Life form: **Phanerophyte, Tree, 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]: **16.71**

Flower

Flowering period: **March-June**

Fruit, seed and dispersal

Seed mass [mg]: **128.77**
Dispersal mode: **Endozoochory**
Dispersal distance class: **6**

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: **6.9**
Temperature indicator value: **5.1**
Moisture indicator value: **4.3**
Reaction indicator value: **8**
Nutrient indicator value: **4.4**
Salinity indicator value: **0**

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Disturbance indicator values

Disturbance frequency: **0.16**
Disturbance frequency (herb layer): **1.32**
Disturbance severity: **0.64**
Disturbance severity (herb layer): **0.19**
Mowing frequency: **0.05**
Grazing pressure: **0.2**
Soil disturbance: **0.11**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CD (RHA) *Crataego-Prunetea*, IA (ALN) *Alnetea glutinosae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **S35 Temperate and submediterranean thorn scrub**
Constant species of EUNIS habitats: **S35 Temperate and submediterranean thorn scrub, T19 Temperate and submediterranean thermophilous deciduous forest**

Broad habitat

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

Distribution

Continentality amplitude: **6**

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