

# *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<sup>2</sup>/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**

## 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**