

# ***Prunus spinosa***

## **Habitus and growth type**

Plant height [m]: **2.36**

Life span: **Perennial**

Life form: **Phanerophyte, Shrub**

Spinescence: **spinescent**

## **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]: **12.74**

## **Flower**

Flowering period: **February-April**

## **Fruit, seed and dispersal**

Seed mass [mg]: **800.53**

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**

Salinity relationship: **Non-saline**

### **Ellenberg-type indicator values**

Light indicator value: **7.2**

Moisture indicator value: **4**

Reaction indicator value: **6.4**

Salinity indicator value: **0.1**

### **Disturbance indicator values**

Disturbance frequency: **0.23**

Disturbance frequency (herb layer): **1.33**  
Disturbance severity: **0.63**  
Disturbance severity (herb layer): **0.22**  
Mowing frequency: **0.09**  
Grazing pressure: **0.22**  
Soil disturbance: **0.11**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CD \(RHA\) \*Crataego-Prunetea\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [S35 Temperate and submediterranean thorn scrub](#)

Constant species of EUNIS habitats: [R51 Thermophilous forest fringe of base-rich soils](#), [S35 Temperate and submediterranean thorn scrub](#), [S36 Low steppic scrub](#), [S37 \*Corylus avellana\* scrub](#), [S38 Temperate forest clearing scrub](#), [S52 Submediterranean pseudomauquis](#), [S53 \*Spartium junceum\* scrub](#), [T13 Temperate hardwood riparian forest](#), [T19 Temperate and submediterranean thermophilous deciduous forest](#), [T1A Mediterranean thermophilous deciduous forest](#), [T1E \*Carpinus\* and \*Quercus\* mesic deciduous forest](#), [T1H Broadleaved deciduous plantation of non site-native trees](#)

Dominant species of EUNIS habitats: [S35 Temperate and submediterranean thorn scrub](#)

### Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Scrub, Forest**

## Distribution

Continentality amplitude: **6**