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^2/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**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz

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**, **S37 Corylus avellana scrub**, **S53 Spartium junceum scrub**, **T19 Temperate and submediterranean thermophilous deciduous forest**
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 pseudomaquis**, **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**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz