Crataegus monogyna

Habitus and growth type

Plant height [m]: **6.03**
Life span: **Perennial**
Life form: **Phanerophyte, Tree, 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]: **12.41**

Flower

Flowering period: **March-May**

Fruit, seed and dispersal

Seed mass [mg]: **234.7**
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: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7**
Moisture indicator value: **4.4**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.13**

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Disturbance frequency (herb layer): **1.34**
Disturbance severity: **0.66**
Disturbance severity (herb layer): **0.18**
Mowing frequency: **0.05**
Grazing pressure: **0.21**
Soil disturbance: **0.11**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CB (PUB) *Quercetea pubescentis*, CD (RHA) *Crataego-Prunetea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **N1D Atlantic and Baltic broad-leaved coastal dune forest, S35 Temperate and submediterranean thorn scrub, S37 Corylus avellana scrub, T19 Temperate and submediterranean thermophilous deciduous forest, T1A Mediterranean thermophilous deciduous forest, T1E Carpinus and Quercus mesic deciduous forest, T1G Alnus cordata forest**
Constant species of EUNIS habitats: **N1A Atlantic and Baltic coastal dune scrub, N1D Atlantic and Baltic broad-leaved coastal dune forest, S33 Lowland to montane temperate and submediterranean genistoid scrub, 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, T11 Temperate Salix and Populus riparian forest, T13 Temperate hardwood riparian forest, T14 Mediterranean and Macaronesian riparian forest, T17 Fagus forest on non-acid soils, T19 Temperate and submediterranean thermophilous deciduous forest, T1A Mediterranean thermophilous deciduous forest, T1D Southern European mountain Betula and Populus tremula forest on mineral soils, T1E Carpinus and Quercus mesic deciduous forest, T1F Ravine forest, T1G Alnus cordata forest, T1H Broadleaved deciduous plantation of non site-native trees, T21 Mediterranean evergreen Quercus forest, T22 Mainland laurophyllous forest, T27 Ilex aquifolium forest, T36 Temperate and submediterranean montane Pinus sylvestris-Pinus nigra forest, T37 Mediterranean montane Pinus sylvestris-Pinus nigra forest, T3C Taxus baccata forest, T3M Coniferous plantation of non site-native trees**
Dominant species of EUNIS habitats: **N1D Atlantic and Baltic broad-leaved coastal dune forest, S35 Temperate and submediterranean thorn scrub**

Broad habitat

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

Distribution

Continentality amplitude: **6**

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