Cercis siliquastrum

Habitus and growth type

Plant height [m]: **6.26**
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]: **15.52**

Flower

Flowering period: **February-April**

Fruit, seed and dispersal

Seed mass [mg]: **29.92**
Dispersal mode: **Endozoochory, Anthropochory**
Dispersal distance class: **6, 7**

Trophic mode

Parasitism and mycoheterotrophy: **autotroph**
Carnivory: **non-carnivorous**
Symbiotic nitrogen fixation: **unlikely symbiosis with rhizobia**

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: **7.3**
Temperature indicator value: **8.8**
Moisture indicator value: **4.3**
Reaction indicator value: **7.3**
Nutrient indicator value: **4.3**
Salinity indicator value: **0**

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Disturbance indicator values

Disturbance frequency: **0.06**
Disturbance frequency (herb layer): **1.33**
Disturbance severity: **0.7**
Disturbance severity (herb layer): **0.15**
Mowing frequency: **0**
Grazing pressure: **0.23**
Soil disturbance: **0.1**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CB (PUB) *Quercetea pubescentis*, HA (POP) *Alno glutinosae-Populetea albae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **T14 Mediterranean and Macaronesian riparian forest**

Broad habitat

Occurrence in broad habitats: **Scrub, Forest**

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