

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

## 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**