Cydonia oblonga

Habitus and growth type

Plant height [m]: **4.1**
Life span: **Perennial**
Life form: **Phanerophyte, Tree, Shrub**
Spinescence: **not 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]: **11.36**

Flower

Flowering period: **February-April**

Fruit, seed and dispersal

Seed mass [mg]: **31.78**
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: **Dry**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8**
Temperature indicator value: **6.5**
Moisture indicator value: **4.3**
Reaction indicator value: **7.7**
Nutrient indicator value: **4**

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

Salinity indicator value: **0**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CD (RHA) *Crataego-Prunetea***

Broad habitat

Occurrence in broad habitats: **Scrub**

Distribution

Continentality: **7**
Continentality amplitude: **2**

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