

# *Prunus avium*

## Habitus and growth type

Plant height [m]: **13.83**

Life span: **Perennial**

Life form: **Phanerophyte, Tree**

Spinescence: **spinescent**

## 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]: **15.13**

## Flower

Flowering period: **March-May**

## Fruit, seed and dispersal

Seed mass [mg]: **423.98**

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

Moisture indicator value: **5.3**

Reaction indicator value: **6.6**

Nutrient indicator value: **5**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.04**  
Disturbance frequency (herb layer): **1.32**  
Disturbance severity: **0.69**  
Disturbance severity (herb layer): **0.14**  
Mowing frequency: **0.01**  
Grazing pressure: **0.2**  
Soil disturbance: **0.11**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CA \(FAG\) \*Carpino-Fagetea sylvaticae\*](#),  
[CD \(RHA\) \*Crataego-Prunetea\*](#), [HA \(POP\) \*Alno glutinosae-Populetea albae\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [T1E \*Carpinus and Quercus mesic deciduous forest\*](#)

Constant species of EUNIS habitats: [T17 \*Fagus forest on non-acid soils\*](#), [T19 \*Temperate and submediterranean thermophilous deciduous forest\*](#), [T1E \*Carpinus and Quercus mesic deciduous forest\*](#), [T1F \*Ravine forest\*](#)

### Broad habitat

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

## Distribution

Continentality: **4**  
Continentality amplitude: **4**