

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 [mm²/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*](#), [T1H *Broadleaved deciduous plantation of non site-native trees*](#)

Broad habitat

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

Distribution

Continentality: **4**

Continentality amplitude: **4**