

# *Malus sylvestris*

## Habitus and growth type

Plant height [m]: **6.29**

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]: **17.07**

## Flower

Flowering period: **March-May**

## Fruit, seed and dispersal

Seed mass [mg]: **24.32**

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

Light indicator value: **6.9**

Temperature indicator value: **5.5**

Reaction indicator value: **6.4**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.05**  
Disturbance frequency (herb layer): **1.33**  
Disturbance severity: **0.68**  
Disturbance severity (herb layer): **0.15**  
Mowing frequency: **0.02**  
Grazing pressure: **0.2**  
Soil disturbance: **0.11**

## **Habitat and sociology**

Syntaxon

Diagnostic species of phytosociological classes: [HA \(POP\) \*Alno glutinosae-Populetea albae\*](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [T1G \*Alnus cordata\* forest](#)

Broad habitat

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

## **Distribution**

Continentality amplitude: 7