

# *Prunus mahaleb*

## Habitus and growth type

Plant height [m]: **5.98**

Life span: **Perennial**

Life form: **Phanerophyte, Tree, Shrub**

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]: **14.42**

## Flower

Flowering period: **March-May**

## Fruit, seed and dispersal

Seed mass [mg]: **83.8**

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: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.3**

Temperature indicator value: **6.5**

Moisture indicator value: **3.1**

Reaction indicator value: **8**

Nutrient indicator value: **2.3**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.16**

Disturbance frequency (herb layer): **1.3**

Disturbance severity: **0.64**

Disturbance severity (herb layer): **0.17**

Mowing frequency: **0.05**

Grazing pressure: **0.23**

Soil disturbance: **0.11**

## Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [CB \(PUB\) Quercetea pubescentis](#), [CD \(RHA\) Crataego-Prunetea](#)

EUNIS habitat

Constant species of EUNIS habitats: [T36 Temperate and submediterranean montane Pinus sylvestris-Pinus nigra forest](#)

Broad habitat

Occurrence in broad habitats: **Coastal cliff, Scrub, Forest, Sparsely vegetated (incl. rock and scree)**

## Distribution

Continentality: **6**

Continentality amplitude: **5**