# *Sorbus torminalis*

## Habitus and growth type

Plant height [m]: **16.77**
Life span: **Perennial**
Life form: **Phanerophyte, Tree**

## Leaf

Leaf type (woody plants only): **Broad deciduous or semi-deciduous**
Leaf phenology (woody plants only): **Winter deciduous**
Specific leaf area [$mm^2$/mg]: **20.61**

## Flower

Flowering period: **March-May**

## Fruit, seed and dispersal

Seed mass [mg]: **108.01**
Dispersal mode: **Endozoochory**
Dispersal distance class: **6**

## 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

Temperature indicator value: **6.9**
Moisture indicator value: **4.1**
Reaction indicator value: **6.6**
Nutrient indicator value: **3.8**
Salinity indicator value: **0**

### Disturbance indicator values

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Disturbance frequency: **0.01**
Disturbance frequency (herb layer): **1.3**
Disturbance severity: **0.7**
Disturbance severity (herb layer): **0.11**
Mowing frequency: **0**
Grazing pressure: **0.2**
Soil disturbance: **0.1**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: **CB (PUB) *Quercetea pubescentis***

### EUNIS habitat

Diagnostic species of EUNIS habitats: **T19 Temperate and submediterranean thermophilous deciduous forest**, **T1E Carpinus and Quercus mesic deciduous forest**
Constant species of EUNIS habitats: **T19 Temperate and submediterranean thermophilous deciduous forest**, **T1E Carpinus and Quercus mesic deciduous forest**, **T33 Mediterranean mountain Abies forest**

### Broad habitat

Occurrence in broad habitats: **Forest**

## Distribution

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

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