# *Staphylea pinnata*

## Habitus and growth type

Plant height [m]: **3.75**
Life span: **Perennial**
Life form: **Phanerophyte, Shrub**

## Leaf

Leaf type (woody plants only): **Broad deciduous or semi-deciduous**
Leaf phenology (woody plants only): **Winter deciduous**
Specific leaf area [$mm^2$/mg]: **31.34**

## Flower

Flowering period: **March-May**

## Fruit, seed and dispersal

Seed mass [mg]: **385.93**
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: **Mesic**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **6.6**
Temperature indicator value: **6.6**
Moisture indicator value: **5.1**
Reaction indicator value: **8**
Nutrient indicator value: **4.3**
Salinity indicator value: **0**

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### Disturbance indicator values

Disturbance frequency: **0.03**
Disturbance frequency (herb layer): **1.3**
Disturbance severity: **0.7**
Disturbance severity (herb layer): **0.12**
Mowing frequency: **0**
Grazing pressure: **0.18**
Soil disturbance: **0.1**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: **CA (FAG) *Carpino-Fagetea sylvaticae***

### Broad habitat

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

## Distribution

Continentality: **6**
Continentality amplitude: **2**

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