

# *Ostrya carpinifolia*

## Habitus and growth type

Plant height [m]: **10.19**

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<sup>2</sup>/mg]: **25.5**

## Flower

Flowering period: **March-May**

## Fruit, seed and dispersal

Seed mass [mg]:

Dispersal mode: **Anemochory**

Dispersal distance class: **4**

## 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: **7.9**

Moisture indicator value: **4.2**

Reaction indicator value: **7**

Nutrient indicator value: **5**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.03**  
Disturbance frequency (herb layer): **1.3**  
Disturbance severity: **0.69**  
Disturbance severity (herb layer): **0.12**  
Mowing frequency: **0.01**  
Grazing pressure: **0.21**  
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](#), [T1G \*Alnus cordata\* forest](#), [T36 Temperate and submediterranean montane \*Pinus sylvestris\*-\*Pinus nigra\* forest](#)

Constant species of EUNIS habitats: [T19 Temperate and submediterranean thermophilous deciduous forest](#), [T1G \*Alnus cordata\* forest](#), [T33 Mediterranean mountain \*Abies\* forest](#), [T36 Temperate and submediterranean montane \*Pinus sylvestris\*-\*Pinus nigra\* forest](#), [T39 Mediterranean and Balkan subalpine \*Pinus heldreichii\*-\*Pinus peuce\* forest](#)

Dominant species of EUNIS habitats: [T19 Temperate and submediterranean thermophilous deciduous forest](#), [T3C \*Taxus baccata\* forest](#)

### Broad habitat

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

## Distribution

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