

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 [mm²/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**