



# Ostrya carpinifolia



<b>Height</b>	14 - 16 (20) m
<b>Crown</b>	broad ovoid to rounded, dark, dense crown
<b>Bark and branches</b>	brown-grey, grooved, branches olive-green
<b>Leaf</b>	ovoid to oval, green, double serrated leaf edge, 5 - 10 cm
<b>Autumn colour</b>	yellow
<b>Flowers</b>	yellow-green catkins, approx. 4 - 6 cm, catkins shorter, April
<b>Fruits</b>	nutlets, in fruit resembling hops
<b>Spines/thorns</b>	None
<b>Toxicity</b>	usually not toxic to people, (large) pets and livestock
<b>Soil type</b>	likes calcareous soil
<b>Soil moisture</b>	suitable for dry soil
<b>Paving</b>	tolerates paving
<b>Winter hardiness zone</b>	5b (-26,0 to -23,4 °C)
<b>Wind resistance</b>	good
<b>Other resistances</b>	resistant to frost (WH 1 - 6), can withstand wind
<b>Application</b>	avenues and broad streets, parks, squares, cemeteries, large gardens
<b>Origin</b>	Southern Europe, Asia Minor

A slow-growing tree with a funnel-shaped crown when young. Later the main trunk splits and side branches grow out widely so that the crown becomes more rounded. Eventually it can attain a width of more than 12 m. The short trunk is grey-brown, grooved and flakes off in small plates. The trunk becomes steadily darker in older trees. Young twigs are bare and olive-green. The ovoid to oval leaves have a double serrated edge and turn yellow in autumn. Ostrya produces abundant flowers in the form of yellowish-green male catkins approximately 4 - 6 cm long and unremarkable female flowers in small ears. Once fertilised the latter turn into fruit resembling a hop and are approx. 6 cm long. Likes a warm and sheltered site and grows in any soil, even very dry soils.