



Fagus grandifolia



Výška	circa 30 m
Šírka	20-25m
Koruna	wide spreading to round, dark, dense crown
Kôra a vetvy	silver grey, thin, smooth bark
Listy	ovate-linear, light green, 6 - 15 cm
Jesenné sfarbenie	Žltá
Kvety	small, inconspicuous catkins, May
Plody	nuts, burrs with brush-like prickles, 1.5 cm - 2 cm
Tríne	Žiadny
Jedovatosť	Zvyčajne nie je jedovaté pre ľudí a väčšie zvieratá
Typ pôdy	rich loamy soil with a high humus content
Spevnené plochy	Netoleruje spevnené plochy
Zóna odolnosti	4 (-34,4 do -28,9 °C)
Odolnosť voči vetru	moderate to poor
Ostatná odolnosť	Odolné mrazu (WH 1–6)
Tvar	Vysokokmeň, Vetvený
Pôvod	eastern and central North America
Synonymum	Fagus americana

This American beech is a slow grower with a height up to circa 30 m. Growth and shape are similar to *F. sylvatica*. The bark is thin, smooth and silver grey, this is in contrast with *F. sylvatica* that has a dark grey bark. As with most beeches, the bark is sensitive to scorching. The green leaves are oval to linear-ovate and strikingly large for a beech: 6 - 15 cm. The slightly upwards pointing leaf margin is toothed. The young leaf is thickly covered with short, soft hairs. In autumn the colour of the leaf turns into golden yellow to brown. The inflorescence is inconspicuous and after the flowering it forms 1.5. cm - 2 cm long woody fruits, covered with brushy prickles. the tree roots shallowly and thrives well in richer, loamy soil with a high humus content. Rather sensitive to wind.