



## Fagus grandifolia var. caroliniana



Výška	20-25 (35) m
Šírka	15-20m
Koruna	round/spherical, dark, dense crown
Kôra a vetvy	silvergrey
Listy	green
Jesenné sfarbenie	Žltá
Kvety	yellowgreen, flowers in May
Plody	brown
Tríne	Žiadny
Jedovatosť	Zvyčajne nie je jedovaté pre ľudí a väčšie zvieratá
Typ pôdy	loamy soil, sandy soil, peaty soil
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

This geographic variety of the American beech closely resembles the *F. grandifolia* species. As well as the distribution zone - more southerly than typical for the species - there are a number of differences. With this variety, the leaf margins are not as deeply serrated and the leaf tips are more slender. The leaf underside sometimes has a greyish frosted appearance. The cupules are covered with brush-like spines, but these are shorter. The tree has shallow roots and thrives on richer, loamy soil with a high humus content. Like *F. grandifolia*, the bark is smooth, silver grey and susceptible to sunburn. Rather sensitive to wind.