



Quercus 'Columna'



Výška	16 - 20 m
Šírka	3-5m
Koruna	columnar, later with branches spreading out in a fan, half-open crown
Kôra a vetvy	greyish-brown, remains smooth for a long time
Listy	narrow, elongated, shallow and irregular lobes, greyish-green, 8 - 12 cm
Jesenné sfarbenie	Žltá
Kvety	yellowish-brown ? catkins, 5 - 8 cm long, May
Plody	acorns, ovoid, 2 - 2.5 cm long
Trne	Žiadny
Jedovatosť	Zvyčajne nie je jedovaté pre ľudí a väčšie zvieratá
Typ pôdy	nutritious, can take dry conditions
Pôdna vlhkosť	Vhodné do suchých pôd
Spevnené plochy	Netoleruje spevnené plochy
Zóna odolnosti	5a (-28,8 do -26,1 °C)
Odolnosť voči vetru	good
Ostatná odolnosť	Odolné mrazu (WH 1–6), Odolné vetru, Odolné posypovej soli
Použitie	bulváre a široké ulice, úzke ulice, priemyselné oblasti
Tvar	Vysokokmeň, Vetvený
Pôvod	Hesse, Germany, 1935
Synonymum	Quercus petraea 'Columna'

A columnar oak that grows more slowly than *Q. robur* 'Fastigiata'. The branches spread out somewhat in a fan shape so that the crown ends up a narrow rhombic shape. Only old trunks develop shallow grooves. Young twigs are greenish-brown. The tough leathery leaves are yellowish-green when they emerge. They are narrow, elongated and lobed, more irregular in shape than those of *Q. petraea*. 'Columna' has the attractive characteristic of being very resistant to mildew. The ovoid acorns grow together in groups and are one-third or one-quarter enclosed in the cupule. The tree also grows in dry soil provided that it is not too poor. *Q. 'Columna'* category includes trees with various manners of growth, from strictly columnar to somewhat drooping. There is a very narrow specimen in the Trompenburg Aboretum in Rotterdam (NL) that sometimes serves as mother plant.