



Quercus macranthera



Výška	20 - 25 (30) m
Šírka	10-15m
Koruna	spherical, dark, dense crown
Kôra a vetvy	dark brownish-grey, grooved, twigs reddish-brown with soft hairs
Listy	obovate, dark green, 12 - 22 cm
Kvety	gold coloured ? catkins, 5 - 8 cm long, May
Plody	acorns, approx. 2.5 cm, in groups of 1 to 4
Tríne	Žiadny
Jedovatosť	Zvyčajne nie je jedovaté pre ľudí a väčšie zvieratá
Typ pôdy	makes few demands, loamy
Pôdna vlhkosť	Vhodné do suchých pôd, Vhodné do vlhkých pôd
Spevnené plochy	Netoleruje spevnené plochy
Zóna odolnosti	6a (-23,3 do -20,6 °C)
Odolnosť voči vetru	good
Ostatná odolnosť	Odolné mrazu (WH 1–6), Odolné vetru, Odolné posypovej soli
Použitie	priemyselné oblasti
Tvar	Vysokokmeň, Viackmeň
Pôvod	northern Iran, Caucasus

A tree up to 30 m tall occurring in the highlands of the Caucasus and Northern Iran at altitudes of up to 2,500 m. Young specimens have a silvery bark that turns dark grey with advancing age. Branches mostly begin low down. The bark becomes rough and takes on deep grooves; young twigs are covered in thick woolly hair. The leathery obovate leaves are 12 - 22 cm long and 5 - 14 cm wide. They are regularly lobed with 8 - 10 pairs of shallow blunt lobes. They are rough and dark green on the upper side; the underside is grey and felt-like. The acorns are grouped from 1 to 4, are approx. 2.5 cm in size and are half to two-thirds enclosed in the cupule. The cupule is covered with narrow contiguous scales. *Q. macranthera* is resistant to mildew.