



## Zelkova serrata



<b>Výška</b>	10 - 12 (30) m
<b>Šírka</b>	10-12m
<b>Koruna</b>	broad fan-shaped to rounded, half-open crown, capricious growing
<b>Kôra a vetvy</b>	grey, flaking trunk with orange-brown bast
<b>Listy</b>	ovoid to elongated, top tapered, soft green, 7 - 13 cm
<b>Jesenné sfarbenie</b>	Žltá, Oranžová, Červená
<b>Kvety</b>	unremarkable, unisexual, monoecious, green, April/May
<b>Plody</b>	small bean-like fruit, 0.4 – 0.5 cm
<b>Trne</b>	Žiadny
<b>Jedovatosť</b>	Zvyčajne nie je jedovaté pre ľudí a väčšie zvieratá
<b>Typ pôdy</b>	humus, moist, loamy
<b>Spevnené plochy</b>	Toleruje spevnenie
<b>Zóna odolnosti</b>	6a (-23,3 do -20,6 °C)
<b>Odolnosť voči vetru</b>	moderate
<b>Ostatná odolnosť</b>	Odolné mrazu (WH 1–6)
<b>Použitie</b>	bulváre a široké ulice, stromy do nádob
<b>Tvar</b>	Vysokokmeň, Viackmeň
<b>Pôvod</b>	China, Korea, Japan

A tree with a loose, broad and semi-open crown. The trunk is usually branched with several sturdy main branches. The grey trunk is smooth at first with pink to brownish orange lenticels, but later it flakes off in flat sheets revealing the orange-brown bast underneath. Young twigs are green and hairy at first, later turning bare and reddish brown. The ovoid to elongated leaves are soft green and turn a bronzy red and orange-yellow in the autumn. The top is long and tapers to a point and the leaf edge has single teeth tapering to a point. Zelkova has an unremarkable manner of flowering followed by small, bean-like fruit. The tree is related to the elm (Ulmus) but is different in that the flowers of Zelkova are unisexual and of Ulmus are hermaphroditic. The fruit of Ulmus are dry and winged, while Zelkova has drupes. Zelkova serrata is valued for its attractive manner of growth and the dark green leaves that turn to various shades of red and orange in the autumn.