



## Quercus muehlenbergii



<b>Výška</b>	20-25 m
<b>Šírka</b>	15-20m
<b>Koruna</b>	round/spherical, half-open crown
<b>Kôra a vetvy</b>	flaking, brown
<b>Listy</b>	green, yellowgreen
<b>Kvety</b>	yellowgreen, flowers in May
<b>Plody</b>	brown
<b>Tríne</b>	Žiadny
<b>Jedovatosť</b>	Zvyčajne nie je jedovaté pre ľudí a väčšie zvieratá
<b>Typ pôdy</b>	clay soil, loamy soil, sandy soil, calcareous soil
<b>Spevnené plochy</b>	Netoleruje spevnené plochy
<b>Zóna odolnosti</b>	5b (-26,0 do -23,4 °C)
<b>Ostatná odolnosť</b>	Odolné mrazu (WH 1–6)
<b>Použitie</b>	priemyselné oblasti
<b>Tvar</b>	Vysokokmeň

Quercus muehlenbergii is a large tree with a round crown up to 20 m. In exceptional cases, the tree can grow up to 30 m tall. At a young age, Q. muehlenbergii can grow strongly. The bark is light grey and shallowly grooved or detached in small plates. The leaves are oblong and glossy mid-green to yellow-green on the upper side. The underside is grey-green and thin, felt-like hairs. The leaf margin is shallowly lobed to toothed. The lateral veins always end in a short point, at the apex of each tooth or leaf lobe. The oval acorns measure 1-2 cm and are about half enclosed by the cup. This is studded with thick, hairy scales. The acorns are edible and taste sweet.

Q. muehlenbergii is not a rare species in nature, but is not found anywhere in large numbers. It is a typical species of continental USA and does not occur in coastal areas. The tree therefore does not tolerate sea breezes. Q. muehlenbergii prefers moist but well-drained soils. Nevertheless, the tree also tolerates drought. A neutral to calcareous soil is desirable for good growth.

The wood is hard and durable, but because the tree is not common it is little used.