



Quercus muehlenbergii



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