



Quercus muehlenbergii



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| Высота | 20 m |
| Ширина | 15-20m |
| Крона | vase-shaped, half-open crown |
| Кора и ветви | branches brownish grey to reddish brown: bark light grey, shallowly grooved or peeling off in small plates |
| Лист | elongated, 6-18 cm long, glossy green to yellow-green, margins shallowly lobed to toothed |
| Цветы | catkins, inconspicuous |
| Плоды | oval acorn, 1-2 cm long, edible |
| Колючки/шипы | None |
| Ядовитость | неядовитый, обычно |
| Вид почвы | clayed soil, loamy soil, sandy soil, calcareous soil |
| Мощение | неустойчив к мощению |
| Зона зимостойкости | 5b (-26,0 до -23,4 °C) |
| Устойчивость к ветру | moderate |
| Прочие виды устойчивости | устойчив к морозам, зона 1 - 6 |
| Применение | промышленные зоны |
| Форма | штамбовое дерево |

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.