



Betula lenta



Height	20 - 25 m
Width	8-10m
Crown	round to columnar, half-open crown
Bark and branches	brown, not scaling
Leaf	linear to ovoid, mat-shiny green, 5 - 10 cm
Autumn colour	yellow
Flowers	catkins, yellow green, ♀ ± 1.5 cm mid-April, ♂ April
Fruits	2 - 3 cm long, not stalked, erect
Spines/thorns	None
Toxicity	usually not toxic to people, (large) pets and livestock
Soil type	loose soil, rich in humus content
Paving	tolerates no paving
Winter hardiness zone	3 (-40,0 to -24,5 °C)
Wind resistance	moderate to good
Other resistances	resistant to frost (WH 1 - 6)
Shape	clearstem tree, multi-stem treem
Origin	eastern North America

Native to parts of eastern North America where the tree grows in mountainous areas in fertile soils. It can attain a height of circa 25 m by nature, in cultivation it often remains smaller. Young trees have a columnar crown. Later, when the branches spread, the crown becomes wider and denser. The mature bark turns into dark brown and does not strip. The twigs and the leaves are used in cosmetics for vaporous oil. The young bark has a brown red colour. The leaf is linear ovoid and mat-shiny green with a yellow-green underside. The leaf margin is sharply double-toothed. Conspicuous is the very attractive, golden yellow autumn colouring. A well-drained soil is required. Has shallow roots with a delicate root branching and many fibrous rootlets. Strongly akin to *B. alleghaniensis* and *B. grossa*.