

Coppice forests in the Czech Republic

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Coppice forests

- in past, most of the forest covers in lowlands, warm hilly areas and highlands in the area of the Czech Republic
- area of coppice forests decreased from 19th century
- in 1950 (by inventory)– 78,853 ha of low coppice forests
- in 1960 (by inventory)– 81,029 ha of low coppice forests
- in 2013 (ÚHÚL 2013) - 2,599,142 ha of forests
 - Low coppice forests 9,218 ha (0.35%)
 - Coppice with standards forests 1,825 ha (0.07%)

- grown species (Buček, A. 2010)
 - *Quercus sp. (eg. petraea, robur)*
 - *Fraxinus excelsior*
 - *Carpinus betulus*
 - *Acer sp. (eg. campestre, platanooides, pseudoplatanus)*
 - *Tilia sp. (eg. cordata, platyphyllos)*
 - *Alnus glutinosa, Ulmus minor*
 - *Populus (eg. alba, tremula), Salix sp*
 - *Betula pendula, Fagus sylvatica*
 - *Sorbus torminalis, Robinia pseudoacacia, Prunus avium*
- rotation length in forests (according to the law)
 - predominance of hard wood trees 40 (30–50) yrs
 - predominance of soft wood trees 20–30 yrs

Short rotation coppice cultures

- grown on agricultural land
- in 2013 (Musilová 2013) – 1,303 ha (3x more than in 2010)
- main species *Salix* sp. and *Populus* sp.
- rotation length is usually 2–6 years
- planned life time of SRC cultures is 15–25 years
- harvests mainly when winter turns to spring
- average yields are around 7–10 t.ha⁻¹.yr⁻¹

References

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