



## Effect of Lopping on Stand Structure and Tree Species Composition of *Quercus glauca* Thunb. Forests of Himachal Pradesh, India

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**Abstract:** A study to quantitatively describe the effect of lopping on *Quercus glauca* growth and tree species composition of lower Himalaya revealed density decrease from low to high diameter classes. Lopping, pollarding and selective logging had a significant effect on stand structure and species composition of *Quercus glauca* forests. Basal area and volume showed much in-consistency along diameter classes. Due to lopping, high volume ( $38.0\text{m}^3\text{ha}^{-1}$ ) of wood loss was recorded at Oachghat forest and the lowest volume ( $1.8\text{m}^3\text{ha}^{-1}$ ) of wood loss was recorded at Shili forest.

**Key Words:** Diameter class, Lopping, *Quercus glauca*, Species composition, Stand structure

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