

Original article

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The Influence of Ungulates on the Condition and Growth of Oak Stalked Crops in the Conditions of the Southern Forest-Steppe of European Russia (Tellerman Experimental Forestry Ilan RAS)

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Abstract. The article examines the influence of ungulates on the state of oak crops created on the cutting down of ripe and overgrown forests of upland oak forests in the forest-steppe zone. In cultures of different years of creation, two types of damage were analyzed – gnawing of tree trunks and overeating of crowns by roe deer and moose. Damage analysis showed that when forestry and hunting organizations simultaneously use forest territories with oak crop plots of oak cultures of different ages, their massive damage was revealed up to complete destruction by ungulates. In the regions of the natural range of the growth of the petiolate oak in the forest-steppe zone, it is proposed to exclude the multipurpose use of forest plots. Multi-purpose use poses a threat of destruction of artificially created valuable oak plantations.

Key words: oak crops, trunk gnawing, crown overeating, massive damage to trees

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