

ČEJKOVÁ, A.(2002): Vliv mortality stromů na strukturu bylinného patra olšiny Na bahně [The influence of trees' mortality on the structure of a herbal layer in the alder carr Na Bahně. Bc. Thesis, in Czech]. Suppl., Faculty of Biological Sciences, The University of South Bohemia, České Budějovice, Czech Republic.

Anotace:

A research was carried out to survey the way the gaps formed by windthrows affect the regeneration of the tree layer, the structure of the herbal layer, and the growth of chosen species occurring abundantly in alder carr (the invasive *Impatiens parviflora* and four species characteristic of alder carr *Lycopus europaeus*, *Peucedanum palustre*, *Solanum dulcamara*, *Thelypteris palustris*). No seedling recruitment of tree species was found in gaps. There are no remarkable differences in the species composition between forest and gaps. However, some species had a different cover. The chosen species prospered better in gaps, achieved larger size and were more successful in generative reproduction.