

The thesis focuses on description of specific area of Doksy region, situated in northern Bohemia. This region was affected by fifty years of military management. Vegetation composition, species richness and several environmental characteristics were measured and statistically tested to determine the effect of military area on landscape and vegetation. No significant difference in species richness, but important changes in species composition were discovered. Also the environmental (soil) characteristics of the area were probably changed by the military history of landscape. There were no major changes in Beta diversity uncovered, probably because of different management leading to the same resulting changes applied in the landscape. Also four invasive plant species were found in high numbers present in the area connected with past military land-use.