

Abstract

This bachelor's thesis deals with the role of spontaneous succession in restoration ecology of sites damaged by mining. I briefly introduce its positive and negative aspects. The main purpose of my thesis is to summarize the knowledge of spontaneous succession in different types of quarries, especially as far as plant vegetation is concerned. This knowledge is applied in my study of the basalt quarry Smrci in which I attempt to assess the potential of natural succession on sites left to spontaneous succession based on my research.