

Abstract

Oblík, with his height 509.25 meters above sea level, is the dominant feature of the southwestern part of the České středohoří Mts. which is often referred to as Lounské středohoří Mts.. Geological environment and characteristic climatic conditions prevailing during the last Quaternary glaciation here prompted the creation of natural forest-free areas that are in form of isolated fragments of land preserved to this day. Oblík is one of the most important steppe sites in our area. Ever since the arrival of Neolithic man, the whole region Lounské středohoří Mts. influenced by human intervention. It can be assumed that the influence of grazing helped preserve important sites for steppe at Oblík. From preserved material can be observed the existence of forest on the northern slope. Currently, they are dominated by oak forests with trees such as oak winter (*Quercus petraea*) and oak (*Quercus robur*) with an admixture of hornbeam (*Carpinus betulus*). Contrast, the southern slopes covered many steppe species such as pheasant spring (*Adonathe vernalis*), steppe sedge (*Carex scales*) or a total of five kinds of *Stipa* (*Stipa* sp.) and others. On Oblík there are several rare and endangered species that are of interest to the special protection of this National Nature Reserve. At present, the slopes with steppe communities threatened spontaneous overgrowing solder trees, dominated by black locust (*Robinia pseudoacacia*). And just this relationship, namely eternal "fight" ligneous vegetation and dry steppe grasslands at Oblík are given the bachelor thesis. Woody species into steppe grasslands spreading in the form of solitary shrubs to be engrave at regular intervals. Conservation of the steppe and the possibility of the spread of particular spring adonis significantly contributes relatively recently renewed grazing sheep. Stands of trees to Oblík are in constant contact with steppe and against human interventions are necessary for the conservation of steppe character, not only Oblík but also other steppe sites Lounské středohoří Mts.