

*Dianthus arenarius* subsp. *bohemicus* is a critically endangered plant which is endemic in the Czech Republic. The estimated number of plants is about 1400 (observation from 2008). In the Natura 2000 project *Dianthus arenarius* subsp. *bohemicus* is included among priority species. The major cause of threat of this species is probably change in land use – tree planting and the abandonment of traditional pasturage. Despite of conservation effort since seventies, population still declined until 1999 when large-scale sod-cutting was carried out. This management lead to rise of number of plants from 200 to 1400 clusters. In 2008 Ministry of the Environment of the Czech Republic approved Action plan for *Dianthus arenarius* subsp. *bohemicus* which is now implemented. Part of this plan is a study of population dynamics of the species. This study will be an object of my Diploma thesis.

This bachelor's thesis is a comprehensive literature survey about *Dianthus arenarius* subsp. *bohemicus*. In the literary overview itself there are summarized results of works, incl. the practical application of the data in conservation programs.