

Flora of Jizera's Mountains ecosystem and its use in education of biology science at elementary schools and high schools is the topic of the graduation thesis (dissertation). Theoretical part of the graduation thesis (dissertation) includes a description of Jizera's Mountains to its regarding preserve space, botanic, zoology and geology. It also includes information about history, land, tourism, climate, typical ecosystems in Jizera's Mountains etc. The last chapter of theoretical part is addressed to research and monitoring of Jizera's Mountains. Research has been continuing under management of CHKO Jizera's Mountains. The main goal of the this graduation thesis (dissertation) was to develop school project in area of botanic and ecology in one's behalf scholar 2. quadratic. This project should be realized in elementary schools and high schools located in Jizera's Mountains. The Moreover this project should be used as part of education in the class of biology science during the school year. This school project has five work sheets which are framed for neighborhood in elementary schools and high schools in the region of Jizera's Mountains. Those work sheets could also be used in other locations with a few corrections. Part of this school project has been veriedl in 6*' grade of elementary school. Practical part is enriched by examples of gymnosperm plants from Jizera's Mountains region including basic elements in plants.