

This bachelor thesis is a review of available literature about the lichens growing on diabasic rocks. Diabasic rocks are volcanic rocks of upper proterozoic and lower paleozoic age. They occur in the Czech Republic in Barrandien and Nížký Jeseník areas only. The most investigated sites concerning lichens are the Berounka river valley and Prague region. Diabasic rocks are very suitable substrate for lichens due to specific properties and these rocks provide greater lichens diversity in comparison to the other substrates. This thesis contains list of 213 lichen species, which were published on diabasic rocks within the Czech Republic. According to the literature 3 lichen species have been found only on diabases in the country.