

The main objective of my diploma paper is to create a set of botanical, zoological and environmental topics to be touched upon during practical activities in biology classes, as well as during various extracurricular activities. The thesis is divided up into several parts. The first is concerned with elaborating the various subject matters for educational programs and the relevant first-academic-level* textbooks. Simultaneously, it also assesses the achieved level of practical activities and environmentalism of the two. The part focused on research pursues to determine the educational methods of discovering nature, as applied in the biology classes. This part also pays attention to the general interest and encouragement towards practical activities on the pedagogues' part. The survey results are then charted into graphs. In the practical part I mean to focus on establishing the biology topics relevant for the first-academic-level pedagogues, which should enable them to variegate the biology classes so that the students could enjoy the immediate quality experience of their very own observations. The proposals have been appended with work sheets and protocols. The appendix consists of several filled-out questionnaires and work sheets.