

Abstract:

My bachelor thesis summarizes the impact of environmental factors and microhabitats on temperate forest snail assemblages: mainly on their diversity and abundance.

Most authors consider humidity, calcium content and forest condition the main factors, which influence forest gastropod assemblages. However, others have a different view on the importance of another factors such as composition of the forest vegetation, pH, the role of different sources of calcium carbonate.

Some studies contradict themselves. My aim was also to point out these differences. Many of environmental factors are measurable with difficulties. Using of Ellenberg's indicator values seems to be an interesting alternative possibility to classical measurement.

The importance of Křivoklátsko PLA is highlight as the landscape of continual forest development, which is unique within Central Europe.