

Abstract

The bachelor thesis discusses the plants in the páramo. The first part describes unique environment located at high altitudes of the tropical South America, the páramo. The uniqueness of the environment is caused by several basic conditions. The most important ones are significant daily temperature fluctuations, tropical climate stability during the whole year and high altitude.

Anatomy of adapted plants, discussed in the second part of this work, conform to the extreme conditions. There are specific páramo life forms thanks to the uniqueness of the environment. The leaf structure and the vascular system of the plants are significantly modified in terms of anatomy. Although there are quite specific (and therefore interesting) life forms in the páramo, the current knowledge of the plant anatomy is minimal.

The last part of the thesis suggests the questions for my future master thesis, which will contribute to better understanding of this underexplored topic.