

## SUMMARY

### **Valorization of vegetation and relief of the “Las Gościbia” nature reserve in the Beskid Średni Mountains**

The article presents characteristics of natural environment and results of valorization of vegetation and relief of nature reserve “Las Gościbia”. The goals for protection of this natural reserve are mainly due to its vegetation and relief diversity. In the research the bonitation method in the network of basic squares (150x150 m) was used. While evaluating examined elements of environment, under consideration were taken: density of valleys, number of inclination classes, number of forest vegetation and its species variety, age of tree stands, naturalness and accord with site conditions.

Presented results show that there is restrained diversity of vegetation and relief on the most of the area of the natural reserve. Around 70% of basic squares show average value. The least diverse are southern and eastern outskirts of the natural reserve, where the relief is not very varied and the vegetation and site conditions are antropogenically changed. The basic squares where there are the highest values are localized in northern part of the nature reserve. Vegetation is very diverse and relief – dynamic. These parts are mostly localized near by the valleys’ grounds.