

SUMMARY

Characteristics of *Hacquetia epipactis* (SCOP.) DC. population in Poreba near Zawiercie town

Hacquetia epipactis (Scop.) DC. is an extremely rare species of our flora. It belongs to the so-called *Apiaceae* family which reaches the north-south border of its range in Poland. Only a few remote locations of this species have been noticed in Poland (literature data). However, lots of them no longer exist. This work presents the profile of the population of the species in one of the remote locations – in Poreba near Zawiercie. Research on this population has involved the description of the following features: the numbers of the formation, produced seeds, plovers and types of locations. The light conditions have been also specified in the area occupied by *Hacquetia epipactis*. Besides, the following basic soil research has been conducted: the specification of the mechanical contents of the soil, and the carbonate lime in the forest bed and on three levels of soil (0-10 cm, 10-20 cm, 20-30 cm), and the examination of pH. The results of this research suggest that conditions in Poreba enable the correct evolution of the mature individuals of *cieszynianka wiosenna*. The numbers of the mature individuals (1091 individuals/100 m²), and produced seeds (11,4/individual) prove these facts. However, the lack of plovers is alarming that can be related to the low pH of soil (Tab.1), and the continual covering of the examining area with blackberry and brush wood beech.