

SUMMARY

Metaplantation of the twinflower *Linnaea borealis* L. in the Jaksonek nature reserve in Central Poland

Continuing regression of the twinflower *Linnaea borealis* has been observed in the Jaksonek nature reserve where this species is one of principal objectives of conservatory protection. The main cause of the natural population decline is regeneration of *Quercus robur*-*Pinetum* phytocoenoses. It reflected i.a. in a significant increase in compactness of tree and shrub layers which results in a drastic limitation of sunlight supply at the ground level. In order to preserve the threatened population, active protection measures (*ex situ*) have been planned and executed, consisting in moving some of the plants to a coniferous forest phytocoenosis with ecological conditions that were more favourable for the development of *Linnaea borealis*. The metaplantation was carried out in 1997-98 and was successful. After several years, the area occupied by the twinflower on secondary localities showed on average a tenfold increase.