

SUMMARY

The small mammals of the Binowo Glade from the Szczecin Landscape Park

The research was carried out in the Szczeciński Landscape Park. Studied area contains a wood complex – The Beech Forest and three glades – Binowo, Kołowo and Dobropole Glade.

Small mammals were discovered by using method of owls pellets analysis. Pellets were collected on a timber-line and the Binowo Glade from winter roosting Long-eared Owls *Asio otus*. The material was accumulated from October 1998 to April 1999 at two weeks intervals.

The result was that 679 pellets containing 2 472 prey items. They belonged to *Arvicolidae*, *Muridae*, *Soricidae* and *Aves*. The most numerous were representatives of *Arvicolidae* (from 75% to 87%). *Soricidae* were observed incidentally.

An analysis of collected bones shows that 12 species of small mammals live in the area. Six of them were found earlier by Kowalczyk (1978): *Sorex minutus*, *Microtus oeconomus*, *Clethrionomys glareolus*, *Apodemus flavicollis*, *Apodemus sylvaticus* and *Apodemus agrarius*. Following species are new for the Beech Forest: *Microtus arvalis*, *Microtus agrestis*, *Pitymys subterraneus*, *Arvicola terrestris*, *Mus musculus* and *Micromys minutus*.