

SUMMARY

Jastrzębski P., Stańska M. Millipedes (Diplopoda) of the “Dębniak” nature reserve (E Poland).

Chrońmy Przyrodę Ojczystą **63** (5): 34–45, 2007.

The “Dębniak” reserve (area 21 ha) is located near Korczew village (52°21'14" N, 22°36'46" E). Research on the species composition and the dominance structure of the millipede assemblages was conducted in 2001–2002 on three study plots differing in the age of tree stand, light conditions and soil humidity: the oak forest, humid lime-hornbeam forest and lime forest. Altogether, 487 specimens belonged to 8 species were collected: *Glomeris connexa*, *Strongylosoma stigmatosum*, *Polydesmus complanatus*, *Leptoiulus proximus*, *Unciger foetidus*, *Megaphyllum projectum kochi*, *M. sjaelandicum*, and *Ommatoiulus sabulosus*. Species composition at the particular sampling sites was very similar. Only one species – *M. sjaelandicum* was caught exclusively in oak forest, whereas remaining species were present on the all study plots. However, dominance structure of the millipede assemblages shows less similarity, especially the dominance structure of the assemblages in lime forest and oak forest. The reason of this difference was probably different soil humidity and tree stand age.