



Researches on the edaphic mesofauna in some forest ecosystems from Moldavian Plain

Adina CĂLUGĂR - Biological Research Institute, Iași

This paper is devoted to the knowledge of the edaphic microarthropods from the organic horizon of some forest ecosystems (naturals and plantations), placed on the Moldavian Plain. The best populated forests were the nemoral ones, comparatively with the typical steppe forests. In the plantations, microarthropod densities are similar with that recorded in the natural forest ecosystems, but highest than the values from similar plantations. The distribution on taxonomic groups has shown a usual situation for forest ecosystems: the mites dominated in all stations, and the oribatids between them, were the numerous ones, followed by gamasids and then by actinedids.