RADIONUCLIDES IN HIGHER AQUATIC PLANTS OF WATER RESERVOIRS WITHIN THE CHERNOBYL NPP EXCLUSION ZONE

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The results of radionuclides ^{90}Sr and ^{137}Cs content in higher aquatic plants of water objects within Chernobyl NPP exclusion zone have been analysed. Biodiversity of phytocenose was studied and spice-indicators of radioactive contamination are exposed as well. The seasonal dynamics of radionuclides content in macrophites was studied and the role of main aquatic plant clumps in processes of ^{137}Cs and ^{90}Sr distribution in abiotic component of biohydrocenose have been demonstrated.