Derevets V.V., Borisuk M.N., Gudkov D.I. et al. Radionuclides in components of freshwater biocenose within the Chernobyl NPP Exclusion Zone // Problems of the Chornobyl Exclusion Zone, 2001. - -Vol. 7. – P.83-106.

The results of radionuclides ^{90}Sr, ^{137}Cs, ^{238}Pu, $^{239+240}Pu$ and ^{241}Am content in hydrobionts tissues of different trophic levels of water objects within Chernobyl NPP exclusion zone have been analysed. Biodiversity of phyto-and zoocenose was studied and spice-indicators of radioactive contamination as well are exposed. 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. The content of radionuclide's in mollusks as well as spices of ichtiocenose are studied. The distribution of radionuclide's in organs and tissues of fish have been determined.