

Gudkov D.I., Derevets V.V., Kuzmenko M.I. Nazarov A.B.  $^{90}\text{Sr}$  and  $^{137}\text{Cs}$  in Higher Aquatic Plants of the Chernobyl NPP Exclusion Zone // Radiation biology. Radioecology. - 2001. - Vol. 41, No. 2. - P. 232–238.

The content of radionuclides  $^{90}\text{Sr}$  and  $^{137}\text{Cs}$  in higher aquatic plants of water objects within Chernobyl NPP exclusion zone has been analysed. Biodiversity of phytocenose was studied and species-indicators of radioactive contamination were revealed. The seasonal dynamics of radionuclide content in macrophytes was studied and the role of main aquatic plant clumps in processes of  $^{137}\text{Cs}$  and  $^{90}\text{Sr}$  distribution in abiotic component of biohydrocenose was demonstrated.