

ACCUMULATION OF RADIONUCLIDES BY THE SHELLS OF DEAD BIVALVES

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During the field experiments was established, that the shells of dead bivalves can additionally accumulate ^{137}Cs and ^{90}Sr from water. It was also established that ^{90}Sr is basically accumulated. Radionuclids' accumulation intensity by shells is related to specific shells surface area. It is expected, that this phenomenon is related to the adsorption processes of given radionuclids on the shells nacreous layer interior surface.