

Ryabov I.N. Radioecology of fish in water bodies in the impact zone of the Chernobyl accident. - M.: TNI KMK, 2004.—P. 27-69.

The species composition and features of biology of fish living in water bodies contaminated with radionuclides as a result of the Chernobyl accident are presented. The distribution of fish and lampreys among faunal complexes was assessed. The classification of fish according to the type of reproduction and developmental specificity is given. The features of reproduction and development of some fish species are noted. A study of the nutrition of fish living in the water bodies of the zone influence of ChNPP allowed them to divide into two groups: eating all year round and eating only in the warm spring and autumn. The first group includes representatives of the boreal complex (perch (*Perca fluviatilis*), pike (*Esox lucius*), common roach (*Rutilus rutilus*), silver Prussian carp (*Carassius gibelio*)). to the second - representatives of the Ponto-Caspian faunistic complex (common rudd (*Scardinius erythrophthalmus*), tench (*Tinca tinca*), common bream (*Abramis brama*), white bream (*Blicca bjoerkna*)). In the diet of predatory fish (perch and pike), a significant percentage is also represented by predatory fish, and in addition, large benthic invertebrates (crayfish, gastropods).