

## **DISTINCTIONS IN ACCUMULATION OF $^{137}\text{Cs}$ BY OBLIGATORY AND FACULTATIVE REPRESENTATIVES OF ECOLOGICAL GROUP OF MUSHROOMS-SYMBIOTROPHES**

**N. E. Zarubina, O. L. Zarubin**

On the research area (the alienation zone of ChNPP and “southern trace”) the content of  $^{137}\text{Cs}$  in the facultative representative of ecological group of symbiotrophes – *Paxillus involutus* thin exceeded the content of this radionuclide in obligatory kinds (*Suillus luteus*, *Xerocomus badius* etc.) in 2 - 20 times during the period of 1986 - 1998 - 2000. For the last years the levels of accumulation of radiocesium in *P. involutus* in the alienation zone of ChNPP have decreased and in 2001 do not exceed (at some polygons in 2 - 5 times below) of  $^{137}\text{Cs}$  content in obligatory kinds. Such features of  $^{137}\text{Cs}$  accumulation by *P. involutus* are connected to the place of localization of this kind mycelium - the layer of the forest litter, which in turn is the consequence of display of facultativness of this kind in substratum nutritious choise.