

Balashov L.S. Plant species of the Red Data Book of Ukraine in the Chernobyl NPP Exclusion Zone // Ukr. Botan. Journ. – 2003. - Vol. 60, № 5. - P. 528-536.

In the area of Chernobyl Exclusion Zone and adjacent regions there are 41 vascular plant species listed in the Red Data Book of Ukraine (RDBU), 4 species of mosses and 4 species of fungi. For the last 16 years the forecasted vanishing of rare plants has not been noted. Among some species there has been observed the increase of populations and appearance them in technogenous ecotopes. There has been marked the running wild of the two RDBU species earlier cultivated in gardens and flower gardens (*Daphne cneorum*, *Fritillaria meleagris*).

The need of plant species conservation, with which RDBU insects are exclusively and obligatorily connected, is justifiably. It is proposed to call them as «controlling species» or «subcontrol species» and to enter the monitoring of their state and number's dynamics. The concrete examples of such connection under Zone's conditions and adjacent regions are provided. There have been noted 6 RDBU insect species connected consortively with one or more rare with two slightly spread species.