

V. Kolomyichuk, Shevera M., Vorobyov E. et al. *Erechtites hieracifolia* (L.) Raf. ex DC. (Asteraceae Bercht. & J. Presl), new for the Kyiv Polissia alien species. // *Vestnik Kiev University.- Biology.* -2019. – Vol.3 (79). - P. 37-43.

Information about floristic record of *Erechtites hieracifolia* (L.) Raf. ex DC. (Asteraceae Bercht. & J. Presl) at the territory of the Chernobyl Radiation and Ecological Biosphere Reserve and National Nature Park "Holosiivsky", new for the Kyiv Polyssia alien species was presented. This species has north american origin, according to the time of arrival it is kenophyte, according to the skidding method – xenophyte, on naturalization level – kolonophyte. Firstly in the region of study this species was collected in 2018 in vicinities of former village Ilovnitsa (northern part of the village) of Ivankov district of Kyiv Oblast. Later, in 2019 *E. hieracifolia* was noted in two another sites of biosphere reserve (vicinities of former village Klyvyny of Ivankiv District, Kyiv Region and former village Kamianka of the same administrative units). Total revealed more than 60 species plants, in vegetative state (prevailed) and also in generative state. Plants were noted sporadically on forest edges and roads in composition of unformed plant communities. In 2019 this species was also found on the territory of National Nature Park "Holosiivsky" (Sviatoshin-Bilychi branch) where individuals of the species were found singly or in small groups (5–10 plants). In total, 60 plants of *E. hieracifolia* were noted here. Probably they came to the study region recently – some years ago, skid occurred on high roads which plants used as wind corridors flanked by forests, and also on local ways; it is possible that diaspores distribution is carried out also by birds. Schematic map of species distribution in the region was presented. Data about primary and secondary areas of the *E. hieracifolia*, its ecological and coenotic peculiarities were presented. The main stages of history of skidding and further distribution of the investigated species in Ukraine were reconstructed; the main directions of it distribution is connected with northern and western regions of the country. Currently, the species tends to actively spread into another region of Ukraine. In Europe it belongs to invasive species and demands control of spread.