

SUMMARY

Occurrence of *Ligularia sibirica* (L.) Cass. in Poland – threats and conservation problems

The Siberian *ligularia* is an euro-asiatic species with the centre of distribution in Siberia and eastern Europe. In western and central Europe the species is very rare and has been reported from a dozen or so localities. Five of six localities reported so far from Poland still exist. The only locality known earlier from the Polish Carpathians (in Zakopane) extincted yet in the beginning of the 20th century. Only two of Polish localities preserve bigger populations (about 1000 individuals). The other are much smaller with populations not exceeding 100 individuals. In the paper a new locality found at the northern foothills of the Tatra Mts (Polish Carpathians) is characterized. It comprises about 55 individuals: 23 of them are juvenile and the other are flowering ones. The population occupies ca. 100 square metres in the bogs and humide meadows at Polana Biały Potok Glade in the village Kościelisko and is threatened due to small number of individuals, grazing system operating in the glade and possible changes of water regime.