

SUMMARY

Bróż E., Bielecki M. The occurrence of *Succisella inflexa* (Kluk) Beck in the Wyżyna Małopolska Upland (S Poland).

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Succisella inflexa (Fig. 1) is the rare species, threatened by extinction in Poland. Because of this fact, it has been placed in the *Polish red data book of plants* and in the regional and the nation-wide red lists. This plant is also protected by law since 2004. *S. inflexa* attains the NW limit of its distribution in Poland. Beyond its compact range the isolated populations are situated in Central and Western Poland. Five stations of *S. inflexa* were confirmed in the Wyżyna Małopolska Upland in 2006. They are located in the Łośna (Łososina) river valley (Fig. 2), on the outskirts of the north-western part of the Chęcińsko-Kielecki Landscape Park. This species occurs in the wet meadows of *Molinietalia* order characterized by significant share of *Calthion* and *Filipendulion* species. Main threat to stations of *S. inflexa* in the Łośna river valley seems to be process of ecological succession. Due to the absence human activities, abandoned meadows are colonizing by scrub species (*Salix* sp., *Frangula alnus*) and lose ecological integrity. Thus, the best way to protect this valuable species (which needs open and wet grassland sites) in the Łośna river valley is prevention of seral scrub succession by mowing or cattle grazing.