

SUMMARY

On protection of rare plant of alien origin exemplified by two species from *Kickxia* genus

The present paper concerns phenomenon of rare, vanishing alien species, naturalized in Polish flora with a special attention to *Kickxia spuria* (L.) Dumort. and *K. elatine* (L.) Dumort. treated as a typical example.

In the face of well-documented disappearance of many stands of threatened indigenous species, as well as of more abundant anthropophytes *Agrostemma githago*, *Centaurea cyanus* or *Papaver argemone* and *P. dubium*, sensitive to human impact (chemical changes in habitats, type of cultivation, intensive form of agriculture and fertilization, chemical protection of cultivated plants, use of pesticides and herbicides etc), the authors postulate to start a debate about necessity of making separate species list of rare and vanishing (or endangered) plants of alien origin in Poland. The authors also suggest to take a discussion on choice of effective protection forms of such plants and their stands using methods of biocoenotic protection within an area of ecological interest and amplification of nature conservation methods. Finally the authors want to take into consideration an individual protection of such species by collaboration with landowner or land holder.