

SUMMARY

Localities of *Adenofora liliifolia* on the Bełżyce Plain (Western Lublin province)

Adenophora liliifolia is one of rare plants in the Polish flora. The atlas of distribution vascular plants in Poland (Zajac A., Zajac M. red. 2001) shows the occurrence of this species only in 24 squares. Since 2002 it has been under complete law protection. Two new localities of *Adenofora liliifolia* were found on the Bełżyce Plain (west of the Lublin Upland) in July 1999. During the following control in July 2002 this species was recorded only in one of the two sites, where 18 tussocks of flowering *Adenofora* were found. The community with *Adenofora* was examined. The analysis of species composition shows a very rich form of *Potentillo albae-Quercetum typicum* (total number of species – 84). Beside *Adenofora* many plants under protection were also found, such as: *Aruncus sylvestris*, *Clematis recta*, *Lilium martagon*, *Digitalis grandiflora*, *Galium odoratum*, *Melittis melissophyllum*, *Frangula alnus*, *Convallaria majalis* and *Hepatica nobilis*.

The total area protection of localities of *Adenofora* is problematic, because the parts of forests where that species was found belong to private owners. The second problem of the *Adenofora* protection is fact that the *Potentillo albae-Quercetum* community is seminatural and requires the restrained human influence.