

SUMMARY

Locality of *Iris sibirica* L. on wet meadow near Stany village by Nowa Sól (W Poland)

Siberian iris *Iris sibirica* L. belongs to species endangered in Poland, typical for *Molinia* meadows. Described site is located in the Odra river valley at Kopanica channel, about 1 km south from Stany near Nowa Sól (Lubuskie Province). The occurrence of few thousands of flowering Siberian irises was observed on the meadow (2-3 ha). The meadow is periodically soaked, crossed by the deep drainage ditch. The habitat is not in agricultural use. The shape of the meadow indicates that there was an old river-bed in the past. Among plant species observed on the meadow occur species from *Molinion* and *Cnidion* alliances as well as from *Nardo-Callunetea*, *Phragmitetea* or *Scheuchzerio-Caricetea nigrae* classes. The main factors influencing diverse types of plant communities are complicated and changeable water conditions. Apart from common species such as yellow iris *Iris pseudoacorus*, there occur also less frequent *Cnidium dubium*, southern adderstongue *Ophioglossum vulgatum*, northern bedstraw *Galium boreale* and yellow sedge *Carex flava*. This site is not protected by law and is strongly threatened by draining and succession of trees and bushes.