

SUMMARY

Chmielewski P. New locality of lady orchid *Orchis purpurea* Huds. near Tomaszów Lubelski (E Poland)

Chrońmy Przyrodę Ojczystą **64**(2): 7–12.

Lady orchid is a protected species classified as vulnerable (VU) in the Polish Red Data Book. It was previously reported from 5 localities in the Lublin Province, only three of which have been confirmed in 2006–2007. A new locality of *O. purpurea* was discovered near Chorażanka village (GF14 square of the ATPOL grid) in 2006. Twenty specimens of *O. purpurea* grow on a calcareous slope together with: *Cytisus nigricans*, *Brachypodium pinnatum*, *Euphorbia cyparissias*, *Melampyrum arvense*, *Cichorium intybus*, *Origanum vulgare*, *Fragaria viridis*, *Agrimonia eupatoria*, *Salvia verticillata*, *Picris hieracioides*, *Centaurea scabiosa*, *Medicago falcata*, *Anemone sylvestris*, *Primula veris*, *Melittis melissophyllum*, *Platanthera chlorantha*, *Cephalanthera damasonium*, *Cypripedium calceolus*, *Orchis militaris*, *Orobancha lutea* and *Muscari comosum*. The main threat to this locality is the overgrowth of the grassland with trees, bushes and dominative species as *Calamagrostis epigejos* and *Rubus* sp. Picking and digging out lady orchid plants though not observed, can pose a great threat as well. The occurrence of numerous orchids and other rare plant species makes this locality worthy of protection. Therefore, in February 2008 it was proposed as special area of conservation of the Natura 2000 network.