

SUMMARY

Natural values of plant cover and conservation proposals of forest streams in the Spała Landscape Park

Natural values of small forest valleys in the Spała Landscape Park (Central Poland) are presented and conservation methods are proposed. The Spała Forests, famous for their old tree-stands, rich in rare plant and animal species, are some of the most important natural heritage areas in the Polish Lowlands.

Five small rivers (Studzianka, Gać, Ceteńka, Słomianka with Giełzówka and Liciażna) were studied. Two species red-listed in Poland (*Dryopteris cristata* and *Drosera rotundifolia*), 21 protected plants, and 18 regional threatened species were identified. The presence of 10 natural habitats, important for the European biodiversity, contributes to the natural importance of the area.

The study, conducted as part of the preparation of the Spała Landscape Park Protection Plan, provides arguments for the conservation of the most valuable sections of the small valleys. Three nature reserves and 2 nature-landscape complexes should be established.