## Contents

JAN VYBÍRAL
Restoration of the hydrological system of the Kančí obora floodplain forest
and its biodiversity
MILOŠ KLOUPAR
Restoration of the hydrological system of the Kančí obora floodplain forest 7
ALOIS PRAX, MILOŠ KLOUPAR, PAVEL HADAŠ
Soil moisture regime in floodplain forests
ALOIS PRAX, MILOŠ KLOUPAR, PAVEL HADAŠ
The impact of hydraulic engineering measures and the consequent restoration
on the hydrological relations of the area of Kančí obora
JAN ČERMÁK, ALOIS PRAX
Water transpiration and balance in the floodplain forest
JIŘÍ HETEŠA
Biodiversity of the pools in Kančí obora: phytoplankton and phytobenthos 35
IVO SUKOP
Biodiversity in the restored floodplain forest in the area of Kančí obora
zooplankton and zoobenthos
STANISLAV LUSK, VÁCLAV HORÁK, KAREL HALAČKA, VĚRA LUSKOVÁ
Fish assemblages of the hydrological system within the "Kančí obora"
floodplain forest
OTAKAR PRAŽÁK
Preliminary results of the repatriation of endangered water macrophyte species . 73
OTAKAR PRAŽÁK
Conservation of moor frog (Rana arvalis) in the Kančí obora preserve
PETR OBRDLÍK
Lesson from wetland restoration in Kančí obora