

CONTENTS

PREFACE	4
BRETSCHKO, G.: The Ecological Importance of Stream Bedsediments, Regardless of Whether or not they are Inundated.....	5
BUDDENSIEK, V. AND RATZBOR G.: Restoration of Sedimental Quality in Small Brook of the Lüneburger Heide, Northern Germany.....	19
FUKSA, J. K.: Attached and Suspended Biomass in Stream: The Share of Biodegradation Capacity	25
GILBERT, J., MARMONIER P., VANĚK V. AND S. PLENET: Bank Filtration of Polluted River Water	29
HARPER D. M.: River Bottom Habitats: Biological Reality and Practical Value in River Management	35
KOVÁŘ, P.: Implementation of the KNIFIL 2 Model for Design Discharges on Small River Catchments	47
KRNO, I., ŠPORKA F., TIRJAKOVÁ E. AND E. BULÁNKOVÁ: Influence of the Construction of the Turček Reservoir on the Organisms of the River Bottom	53
KUBÍČEK, F., HELEŠIC J. AND O. KOMÁREK: The Benthic Community in Artificial Concrete Channels.....	63
LEICHTFRIED, M. : Organic Matter in Bedsediments - An Energy Source for Lotic Ecosystems (A Compilation of a Long Term Study)	77
LUSK S. AND K. HALAČKA: The River Bottom and Fish Populations in Stream.....	95
MARIDET L. AND M. PHILLIPPE: Influence of Substrate Characteristic on the Vertical Distribution of Stream Macroinvertebrates in the Hyporheic Zone	101
OPRAVILOVÁ V. AND O. KOMÁREK: Preliminary Comparative Study of Micro-, Meiozoobenthos and Periphytic Algae in Three Man Made Streams	107
PEŇÁZ M. AND P. JURAJDA: Antropogenous Impact of the River Habitat Degradation upon Ichthyocoenoses of the River Morava	121
RULÍK M.: The Vertical Distribution of Macrozoobenthos in River Bed Sediments (Morava River, Czech Republic)	129
ŠTĚRBA O.: The Ecological Value of Rivers in the Morava River Basin.....	143
VANĚK V.: Water Flows through the River Rhône Sediments Near Lyon, their Effect on Groundwater Chemistry and Biology.	149
ZAHRÁDKOVÁ S., FIALA M. AND J. ZAHRÁDKA: The Morava River - Benthic Macroinvertebrates and Water Quality	159