

CONTENTS

INTRODUCTION	1
CLIMATIC AND GEOMAGNETIC CHANGES IN THE HOLOCENE <i>Václav Bucha and Václav Bucha, Jr.</i>	2
FLUCTUATIONS OF SOLAR ACTIVITY DERIVED FROM THE CHANGES OF COSMIC RAY LEVEL IN THE LAST 30,000 YEARS IN RELATION TO THE CLIMATE IN EUROPE <i>Lubomír Křivský</i>	17
REPEATING BEHAVIOUR OF SOLAR AND VOLCANIC ACTIVITIES IN THE ORDERED INTERVALS OF SOLAR INERTIAL MOTION <i>Ivanka Charvátová</i>	26
CLIMATE CHANGE INFERRED FROM BOREHOLE TEMPERATURE DATA – AN EXAMPLE FROM THE URALS <i>I. V. Golovanova and Petr Štulc</i>	38
SOME PERIODICITIES IN EUROPEAN PRECIPITATION SERIES <i>Jaroslav Střeštík</i>	47
LONG-TERM CHANGES OF METEOROLOGICAL TIME SERIES AND THEIR FUTURE DEVELOPMENT <i>Vladimír Brůžek</i>	55
THE HOLOCENE ENVIRONMENTAL DEVELOPMENT IN EAST AND SOUTH- EAST ASIA <i>Vladimír Šibrava</i>	70
THE HUMIDITY AND TEMPERATURE COURSE OF THE MID-EUROPEAN HOLOCENE <i>Vojen Ložek and Václav Cílek</i>	79
HOLOZÄNE FLUTLEHME UND SUBFOSSILE BÖDEN AUS DER UMGEBUNG VON BRNO <i>Rudolf Musil</i>	82
ANTHROPOGENIC CONTAMINATION OF FLOOD-PLAIN SEDIMENTS OF THE UPPER LABE RIVER <i>Eliška Růžicková and Antonín Zeman</i>	84
INVESTIGATION OF MAGNETIC PROPERTIES OF HOLOCENE SEDIMENTS IN THE SPIRÁLOVÁ JESKYNĚ CAVE <i>Pavel Šroubek, Jaroslav Kadlec, Jan Šilar and Jimmy F. Diehl</i>	100

96 115 96

CHARACTER AND POSITION OF AURIFEROUS PLACERS IN HOLOCENE FLOOD PLAINS OF STREAMS IN THE CZECH LANDS	105
<i>Jan Malec</i>	
POSTGLACIAL DEVELOPMENT OF VEGETATION IN THE LABE RIVER VALLEY COURSE	111
<i>Eva Břízová</i>	
EOLIAN RIDGES IN THE FOOTHILLS OF THE WHITE CARPATHIANS AS A NATURAL ARCHIVE WITH RECORDS OF ABRUPT CHANGES	119
<i>Mojmír Hrádek, Vlasta Jankovská and Rostislav Švehlík</i>	
SOILS ON THE HOLOCENE FLOOD-PLAIN DEPOSITS OF THE LABE RIVER	126
<i>Milan Tomášek</i>	
ARCHAEOLOGICAL EVIDENCE FOR ENVIRONMENTAL CHANGES IN THE LABE RIVER VALLEY	128
<i>Dagmar Dreslerová</i>	
TRACES OF THE DEVELOPMENT OF HYDROLOGY OF THE RIVER ELBE IN THE SURROUDINGS OF DĚČÍN	134
<i>Vlastimil Pažourek</i>	
CLIMATE IN BOHEMIA IN THE "LITTLE ICE AGE"	139
<i>Jiří Svoboda</i>	
SHAPE OF FLUVIAL PEBBLES IN SURFACE AND SUBSURFACE KARST STREAM	153
<i>Jaroslav Kadlec</i>	
IDENTIFICATION AND CORRELATION OF THE LAST INTERGLACIAL PA- LEOSOL IN CENTRAL EUROPE BASED ON AMINO ACID EPIMERIZATION DATA	158
<i>Eric A. Oches and William D. McCoy</i>	
CYCLOSTRATIGRAPHY OF THE HOLOCENE DEPOSITS	167
<i>Mojmír Eliáš</i>	
POSITION OF FLUVIAL LOAMS ON THE FLOOD PLAIN IN THE QUATERNA- RY SEDIMENTATION CYCLE	170
<i>Antonín Zeman and Eliška Růžicková</i>	
LIST OF AUTHORS	175