

CONTENTS

Preface	
<i>The Editors</i>	
# BIOTOPES	
<u>Estimating particle concentration in natural water by far field speckle intensity;</u>	
<i>Dan CHICEA and Liana-Maria CHICEA</i>	1.
<u>Geographical and human impact elements influence on the fish fauna of the Olteř River (Romania);</u>	
<i>Doru BĂNĂDUC, Mircea MĂRGINEAN and Angela CURTEAN-BĂNĂDUC</i>	9.
# BIOCOENOSIS	
<u>The Dead Sea ecosystem influenced by Red Sea - Dead Sea conduit project (Peace Conduit);</u>	
<i>Moh'd WEDYAN, Ahmed EL-OQLAH, Khalil ALTIF and Khalid KHLIFATE</i>	45.
<u>Climatic influence on the phytoplankton communities of the upper reaches of the southern Bug River (Ukraine);</u>	
<i>Olena BILOUS, Sophia BARINOVA and Petro KLOCHENKO</i>	61.
<u>The economic and ecological potential of macrophitic vegetation in urban lakes;</u>	
<i>Oriana IRIMIA-HURDUGAN</i>	87.
<u>Long- and short-term changes of the structure of macrophytes in lake Piaseczno in relation to land use in the Łęczna-Włodawa Lakeland (Poland);</u>	
<i>Joana SENDER and Weronika MASŁANKO</i>	101.
<u>High morphological variability of <i>Gerris argentatus</i> Schumel 1832 (Heteroptera, Gerridae) and probably Europe's smallest gerrids, in the Danube Delta (Romania);</u>	
<i>Horea OLOSUTEAN, Codruța OLOSUTEAN and Daniela Minodora ILIE</i>	111.

<u>Analysis of the microsatellite variation in the common hybrid between Russian sturgeon (<i>Acipenser gueldenstaedtii</i> Brandt and Ratzeburg, 1833) and Siberian sturgeon (<i>Acipenser baerii</i> Brandt, 1869) from aquaculture;</u> <i>Sergiu Emil GEORGESCU, Oana CANAREICA, Andreea DUDU and Marieta COSTACHE</i>	117.
<u>Genetic diversity of brown trout populations using mitochondrial markers in relatively similar geographical and ecological conditions - a Carpathian case study;</u> <i>Gina-Oana POPA, Miad KHALAF, Andreea DUDU, Angela CURTEAN-BĂNĂDUC, Doru BĂNĂDUC, Sergiu Emil GEORGESCU and Marieta COSTACHE</i>	125.
# ECOSYSTEMS <u>Reproductive ecology of mangrove flora: conservation and management;</u> <i>Jacob Solomon Raju ALURI</i>	133.
<u>Analysing learning at the interface of scientific and traditional ecological knowledge in a mangrove ecosystem restoration scenario in the eastern coast of Tanzania;</u> <i>Daniel SABAI and Heila SISITKA</i>	185.