

CONTENTS

Preface;
The Editors

[The Carpathians orographic barrage role for the air masses crossing the upper and middle course of the Olt River \(Transylvania, Romania\);](#)
Simona SPÂNU 1.

[The hydrophilous and hygrophilous flora and vegetation from the upper and middle Olt River Valley \(Transylvania, Romania\);](#)
Constantin DRĂGULESCU 13.

[Biodiversity of algae of the upper and middle course of the Olt River \(Transylvania, Romania\);](#)
Ana RASIGA, Laura MOMEU, Ștefan PÉTERFI and András KOZMA . 31.

[Algal communities of the Cibin River and of some wetlands situated on the upper and middle course of the Olt River \(Transylvania, Romania\);](#)
Laura MOMEU, Ana RASIGA, Leontin PÉTERFI and András KOZMA 49.

[Contributions to the knowledge of the zooplankton from the Olt River \(Transylvania, Romania\);](#)
Teodora-Maria ONCIU, Adina RADU and Liviu-Daniel GALAȚCHI .. 67.

[Tendencies of the taxonomic dynamics of the aquatic invertebrate fauna from middle Olt River section;](#)
Victoria TATOLE 77.

[Some aspects concerning the benthal fauna in the upper and middle Olt River basin \(Transylvania, Romania\);](#)
Verginica ȘERBAN and Cornelia BUSUIOC 91.

[Data concerning the benthic communities of the Cibin River; Olt River basin \(Transylvania, Romania\);](#)
Angela CURTEAN, Adriana MORARIU, Simona FĂCĂLĂU, Bianca LAZĂR and Sabina CHIȘU 99.

[Contributions to the knowledge of the freshwater molluskfauna from the upper and middle Olt River basin \(Transylvania, Romania\);](#)
Ioan SÎRBU, Andrei SÁRKÁNY-KISS, Mihai PETRESCU, Bianca LAZĂR and Gabriel BUIAN 111.

<u>Aspects of the terrestrial malacofauna from the upper and middle region of the Olt River valley (Transylvania, Romania);</u> <i>Voichița GHEOCA and Paul POPOVICI</i>	123.
<u>Contributions to the knowledge of the caddis flies (Insecta: Trichoptera) fauna of the Olt River basin (Transylvania, Romania);</u> <i>Lujza UJVÁROSY and Sabina CHIȘU</i>	129.
<u>Contributions to the knowledge of the mayfly larvae (Insecta: Ephemeroptera) from the Olt River Basin (Transylvania, Romania);</u> <i>Noémi SZÁLLÁSSY</i>	143.
<u>Contributions to the knowledge of the Apoideae fauna from the Sibiu Depression (Transylvania, Romania);</u> <i>Mariana PASCU</i>	149.
<u>Data concerning the human impact on the ichthyofauna of the upper and middle sectors of the Olt River (Transylvania, Romania);</u> <i>Doru BĂNĂDUC</i>	157.
<u>Micro-evolutionary and dispersal problems in fishes involving the Olt River basin (Transylvania, Romania);</u> <i>Petru Mihai BĂNĂRESCU</i>	165.
<u>Preliminary report on herpetofauna of the upper and middle Olt River basin (Transylvania, Romania);</u> <i>Mara GYÖNGYVÉR, Ioan GHIRA and Farkas LEVENTE</i>	169.
<u>Data on the avifauna from the Olt and Cibin valleys (Transylvania, Romania);</u> <i>Ciprian FÂNTÂNĂ, Zoltán SZABÓ, Zoltán NAGY and Tiberiu TIOC</i>	183.
<u>Contributions to the study of the waterfowl from Dumbrăvița Lake and ponds (Bârsa Depression, Transylvania, Romania);</u> <i>Dan Traian IONESCU</i>	191.
<u>Preliminary data concerning the avifauna of Brădeni - Fishponds (Hârtibaci Valley, Romania);</u> <i>Marioara COSTEA</i>	197.
<u>Data on the avifauna from "Sub Arini" park (Sibiu) in hiemal, prevernal and autumnal aspects (Transylvania, Romania);</u> <i>Ana Maria BENEDEK</i>	203.
