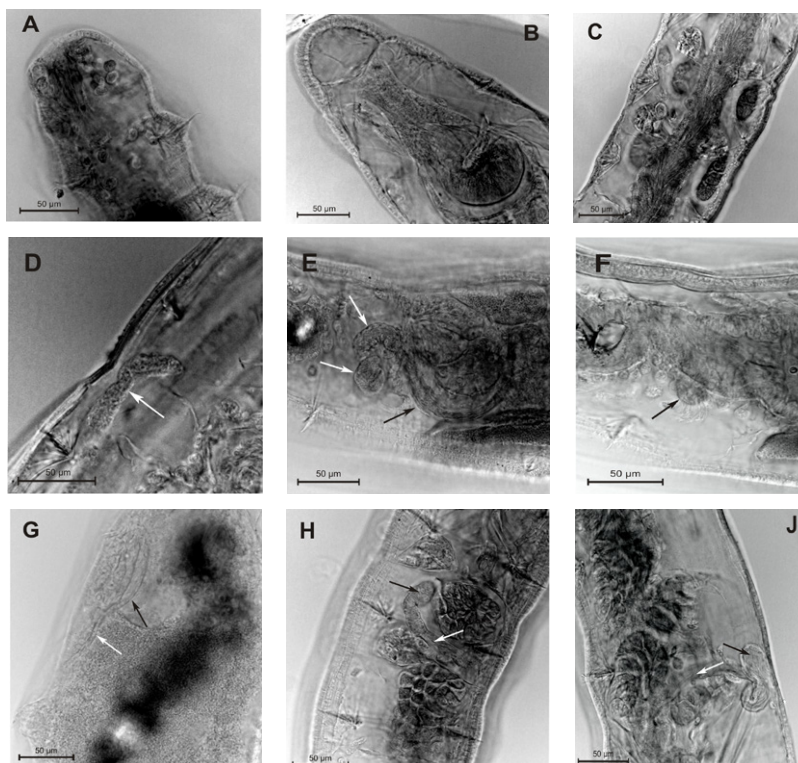


# ACTA ZOOLOGICA BULGARICA

## 78 (1)

# 2026

## March



**Institute of Biodiversity and Ecosystem  
Research**

Bulgarian Academy of Sciences

ISSN 0324-0770 (print)  
ISSN 2603-3798 (online)

Honorary Editor-in-Chief: *Vassil Golemansky*

Editor-in-Chief: *Simeon Lukanov*

Managing Editor: *Rositsa Kaneva*

Language Editors: *Vesela Evtimova, Blagovesta Zheleva*

**Co-editors:**

*Apostolos Apostolou*

*Boyko B. Georgiev*

*Danail Takov*

*Diana Zlatanova*

*Dragan Chobanov*

*Mihaela Ilieva*

*Rumyana Metcheva*

*Stefania Klayn*

*Toshko Ljubomirov*

*Vesela Evtimova*

**Advisory Board:**

*Aleksi Popov (Sofia)*

*Anastasios Legakis (Athens)*

*Andy J. Green (Seville)*

*Boris Kryštufek (Ljubljana)*

*Boris Nikolov (Sofia)*

*Borislav Guéorguiev (Sofia)*

*Denis Geraads (Paris)*

*Eliza Uzunova (Sofia)*

*Fabio Crocetta (Naples)*

*Gábor Csorba (Budapest)*

*Georgi Georgiev (Sofia)*

*Georgi Markov (Sofia)*

*Guy Smagghe (Ghent)*

*Hristo Delchev (Sofia)*

*Huaming Xi (Hangzhou)*

*Jean Mariaux (Geneva)*

*Jose Vicente Perez (Valencia)*

*Josef Matena (Česke Budejovice)*

*Margarita Topashka (Sofia)*

*Mario Contarini (Viterbo)*

*Milcho Todorov (Sofia)*

*Peter Glöer (Hetlingen)*

*Victor Fet (Huntington)*

*Victor V. Glupov (Novosibirsk)*

*Vlada Peneva (Sofia)*

*Yordan Uzunov (Sofia)*

*Yuri M. Marusik (Magadan)*



# CONTENTS

## ZOOGEOGRAPHY AND FAUNISTICS

- DUMNICKA E. & LENCIONI V.** - *Cernosvitoviella cryophila* sp. n. (Oligochaeta, Enchytraeidae) from Alpine streams ..... 3
- RIMCHESKA B. & VIDINOVA Y.** - *Epoicocladius flavens* (Malloch, 1915) (Diptera: Chironomidae): A New Record from the Republic of North Macedonia ..... 11
- HUBENOV Z.** - Species Composition and Areographical Characteristic of the European Bee Flies (Insecta: Diptera: Bombyliidae) ..... 17
- PINTILIOAIE A.-M., GAVRIL V. D. & VICIRIUC I. M.** - A New Record of the Non-native Species *Atypophthalmus (Atypophthalmus) umbratus* (Diptera: Tipuloidea) in Romania, with COI-sequenced Specimens ..... 33

## AQUATIC ECOLOGY

- APOSTOLOU A. & VELKOV B.** - When Institutional Scales Contradict Ecological Ones: the Case Study of Mesta (Nestos) River ..... 41
- KAZAKOV S., STOIANOVA D., APOSTOLOU A., VELKOV B., BORISOV B., PAVLOVA M., PEHLIVANOV L.** - Distribution and population parameters of Brown Trout *Salmo trutta* Linnaeus, 1758 (Actinopterygii: Salmonidae) in West Aegean Basin in Bulgaria in response to hydromorphological pressure and climate changes ..... 47
- TRAJCHEVSKI B., DINEVSKA-KJOVKAROVSKA S. & TALEVSKI T.** - Artificial Reproduction of *Pachychilon pictum* (Heckel & Kner, 1858) from Wild Populations from Lake Ohrid ..... 61
- SHERALIEV B.** - First Record of the Non-native Pond Loach *Misgurnus anguillicaudatus* (Cantor, 1842) (Teleostei: Cobitidae) from the Lower Amu Darya River in Uzbekistan ..... 67
- YELDAN H.** - Catch Per Unit Effort Values and Composition of the Sparidae (Teleostei) from the Yumurtalık Coastal Waters in Iskenderun Bay ..... 75

## SYSTEMATICS AND PHYLOGENETICS

- BOEV Z.** - Knud Andersen's Contribution to the Study of the World's Chiropteroфаuna ..... 81
- BARLAS E., ÇETINTÜRK D. & YIĞIT N.** - Contribution to Distribution, Morphology, and Phylogeny of *Pipistrellus kuhlii* (Kuhl, 1817) in Türkiye ..... 85
- TANYERI R., KAYA A., SELÇUK A. Y., KEFELIOĞLU H. & ZEYBEKOĞLU Ü.** - A Morphometric Approach to the Comparative Morphology of Aedeagus and Genital Plate Shapes in Two *Cercopis* Species (Hemiptera, Auchenorrhyncha, Cercopidae) ..... 97

## APPLIED ZOOLOGY

- LESIŃSKI G., ŁUKASZEWICZ M. & OLSZEWSKI A.** - Bats as Victims of Vehicles on a Road Crossing a Mosaic of Habitats in South-Western Poland ..... 105
- TSVETANOVA E., PETROV L., ANDREEVA M., PETROV G., PRAMATAROV G. & ALEXANDROVA A.** - Experimental Short-Term Polystyrene Microplastic Exposure Induces Organ-and Sex-Specific Antioxidant Responses in Mice ..... 111
- HONT S.** - A Data-Driven Analysis of Romania's Freshwater Fisheries Production ..... 119

## PARASITOLOGY

- YERMOLENKO S., NECHAI A., KUZMIN Y., GASSO V., KARMYZOVA L. & HOLUB I.** - Analysis of the Infection of the Dice Snake *Natrix tessellata* (Laurenti, 1768) and the Grass Snake *Natrix natrix* (L., 1758) (Reptilia: Colubridae) with *Telorchis assula* (Dujardin, 1845) (Digenea: Telorchidae) in Ukraine ..... 127
- Editorial Acknowledgements** ..... 133