

Списък на цитираните трудове на доц. д-р Емилия Варадинова

Списък на цитиранията на кандидата, с които е придобита академичната длъжност „доцент“

UZUNOV, Y., E. VARADINOVA. 2000. Oligochaeta Limicola from glacial lakes of the Pirin Mountain National Park (Bulgaria) - *Lauterbornia*, 38: 101-104.

1. TRICHKOVA, T. 2007. Zoobenthos of non-lotic Bulgarian wetlands - In: T. Michev & M. Stoyneva (ed.), Inventory of Bulgarian wetlands and their biodiversity, 185-196 p.
2. DUMNICKA, E., BOGGERO, A. 2007. Freshwater Oligochaeta in two mountain ranges in Europe: The Tatra Mountains (Poland) and the Alps (Italy) - *Fundamental and Applied Limnology*, 168 (3): 231-242 **(IF)**
3. NEBOJSA, Z., B. MILJANOVIC, V. VUKANIC. 2010. Fauna of oligochaeta in the high-mountain lakes of Mt. Sisteveica, Serbia - In: Proc. Inter. Conf. BALWOIS 2010, 25-29 May 2010, Ohrid, Macedonia.

UZUNOV, Y., E. VARADINOVA. 2000. Aquatic Oligochaeta from glacial lakes of the Rila Mountains National Park (Bulgaria) - In: (eds. V. Golemansky & W. Najdenov) *Biodiversity, Evolution and Conservation of Glacial Water Ecosystems in Rila Mountains*, MOEW, S.: 41-45.

4. DUMNICKA, E., J. GALAS, 2002. Factors affecting the distribution of Oligochaeta in small high mountain ponds (Tatra Mts, Poland) *Archiv für Hydrobiologie*, 156, (1): 121-133 (13) **(IF)**
5. STOICHEV, S., E. DANOVA 2003. Hydrofaunistic investigation of the Mussalenski Ezera glacial lakes, Eastern Rila Mountain, Southwest Bulgaria. – *Acta zool. Bulg.*, Sofia, 55 (2) 75-78.
6. STOICHEV, S. 2004. Hydrofaunistic investigation of the Marichini Ezera glacial lakes, Eastern Rila Mountain, Southwest Bulgaria. *Acta Zoologica Bulgarica*, Sofia, 56 (3) 277-283.
7. LENCIONI, V., E. DUMNICKA & B. MAIOLINI. 2004. The oligochaete fauna in high mountain streams (Trentino, NE Italy): ecological and taxonomical remarks *Studi Trent. Sci. Nat., Acta Biol.*, 81: 167-176, ISSN 0392-0514627.
8. DUMNICKA, E., A. BOGGERO. 2007. Freshwater Oligochaeta in two mountain ranges in Europe: the Tatra Mountains (Poland) and the Alps (Italy) - *Fundamental and Applied Limnology/Archiv für Hydrobiologie*, 168, 3: 231-242(12) **(IF)**
9. TRICHKOVA, T. 2007. Zoobenthos of non-lotic Bulgarian wetlands - In: T. Michev & M. Stoyneva (ed.), Inventory of Bulgarian wetlands and their biodiversity, 185-196 p.
10. KALCHEV, R., V. VASILEV, G. HIEBAUM, V. TZAVKOVA, L. PEHLIVANOV. 2007 Recovery of Srebarna lake: Experience and perspectives - *Journal of Balkan ecology*, 10 (2): 117-130.
11. HUBENOV, Z. 2007. Fauna and Zoogeography of Marine, Freshwater and Terrestrial Mollusks (Mollusca) In Bulgaria-Biogeography and Ecology of Bulgaria, **SpringerLink**, Monogr. Biol., 82:141-198.
12. ZIVIC., N. B. MILJANOVIC, V. VUKANIC. 2010. Fauna of Oligochaeta in the high mountain lakes of Mt Sisteveica, Serbia– In: Proceeding. Inter. Conf. BALWOIS 2010, Ohrid, Republic of Macedonia, 25 - 29 May, 2010.
13. DUMNICKA, E. GALAS, J. 2012. Temporal changes in oligochaete fauna of three alpine ponds in the tatra Mountains (Poland) - *Boreal Environment Research*, 2012, 17 (3/4): 252-262 **(IF)**
14. YILDIZ, S., M OZBEK, M. USTAOĞLU, H. SOMEK. 2012. Distribution of aquatic oligochaetes (Annelida, Clitellata) of high-elevation lakes in the Eastern Black Sea Range of Turkey - *Turk J Zool*, 36 (1): 59-74 **(IF)**
15. SUNDIC D., B. RADUJKOVIC. 2012. Study of freshwater Oligochaeta of Montenegro and their use as indicators in water quality assessment - *Natura Montenegrina*, Podgorica, 11(2): 117-384.
16. RODRIGUES, L., F. LEITE, R. ALVES. 2013. Inventory and distribution of Oligochaeta (Annelida, Clitellata) in first-order streams in preserved areas of the state of Minas Gerais, Brazil *Biota Neotropica* vol.13 no.1

- УЗУНОВ Й. & **Е. ВАРАДИНОВА**. 2001. Нови данни за безгръбначната хидрофауна на Кресненския пролом (Югозападна България) – В: Берон П. (Ред.) Биоразнообразието на Кресненския пролом. Институт по зоология & Национален исторически музей, София, 53-61, ISBN 954-8828-02-2.
17. VIDINOVA Y., I. YANEVA, V. TYUFEKCHIEVA. 2006. Ephemeroptera and Plecoptera (Insecta) from Bulgarian part of Strouma River - Acta Zoologica Bulgarica, 58 (1): 125-130.
 18. TYUFEKCHIEVA, V. H. KALCHEVA, Y. VIDINOVA, I. YANEVA, T. STOYANOVA, T. LJUBOMIROV. 2013 Distribution and Ecology of Taeniopterygidae (Insecta: Plecoptera) in Bulgaria. Acta zool. bulg., 65 (1): 89-100 (IF).
 19. HUBENOV, Z. 2012. Estimation of the faunistic diversity of the Kresna Gorge - Historia naturalis bulgarica, 20: 107-120.
 20. ТЮФЕКЧИЕВА, В. 2014. Състав, разпространение и екология на разред Plecoptera (Insecta) в България. Дисертационен труд за придобиване на PhD, 372 с. ISBN 978-954-322-725-9.
- UZUNOV, Y., V. TZAVKOVA, I. TODOROV, **Е. VARADINOVA**. 2001. The macrozoobenthic fauna of the Biosphere reserve Srebarna Lake in North-Eastern Bulgaria – *Lauterbornia*, 40: 43-51.
21. TIMM T. & GRIMM R. 2005. What is Homochaeta naidina Bretscher, 1896 (Annelida, Oligochaeta, Naididae)? Zoosystema, 27 (3): 469-482 (IF)
 22. ХУБЕНОВ, З. 2005. В: (А. Петрова ред) Съврем. съст. биоразнобр. България, Дракон, С., 199-246
 23. TRICHOVA, T. 2007. Zoobenthos of non-lotic Bulgarian wetlands In: T. Michev & M. Stoyneva (ed.), Inventory of Bulgarian wetlands and their biodiversity). 185-196 p.
 24. HUBENOV, Z. 2007. Fauna and Zoogeography of Marine, Freshwater, and Terrestrial Mollusks (Mollusca) – In: Fet, Victor; Popov, Alexi (Eds.), Biogeography and Ecology of Bulgaria, **SpringerLink**, Monogr. Biol., 2007, 82:141-198, XXII, 690 p., Hardcover, ISBN: 978-1-4020-4417-5.
 25. SHUKEROVA S. A. AND D. KIRIN. 2008. Helminth communities of the rudd Scardinius erythrophthalmus (Cypriniformes, Cyprinidae) from Srebarna Biosphere Reserve, Bulgaria Journal of Helminthology, 82:319-323 (IF)
 26. PEHLIVANOV L. & M. PAVLOVA. 2009. State and succession of the ichthyofauna in the antropogenous modified environment of the Srebarna Lake (Danube floodplain, North-East Bulgaria) - Sc. Annals of DDI, 15: 35-40, Tulcea, Romania.
 27. SHUKEROVA, S., KIRIN, D., HANZELOVÁ, V. 2010. Endohelminth communities of the perch, Perca fluviatilis (Perciformes, Percidae) from Srebarna Biosphere Reserve, Bulgaria - Helminthologia, 47 (2): 99-104 (IF)
 28. KIRIN, D., HANZELOVÁ, V., S. SHUKEROVA, S. HRISTOV, L. TURCEKOVÁ, M. SPAKULOVA .2011. Helminth communities of fishes from the river Danube and lake Srebarna, Bulgaria, -Scientific Papers. Series D. Animal Science, Vol. LVI: 333-340, ISSN 2285-5750; ISSN CD-ROM 2285-5769; ISSN-L 2285-5750.
 29. СТОЯНОВА, Т. 2013. Екологична оценка на повлияния от уранодобива водоеми в района на мина „Сенокос”. Дисертационен труд.
- VARADINOVA, E., Y. UZUNOV**. 2002. Recent Assessment and Long-Term Changes in the Saprobiological State of the Mesta River (South-Western Bulgaria) – J. Environ. Prot. & Ecology, 3, No 1: 68-75.
30. КЕНДЕРОВ, Л. 2010. Състав, разпределение и трансфер на хипорейните биоценози от поречието на р. Искър във връзка с екологичното състояние на реката - Дисертационен труд.
 31. VIDINOVA Y., I. YANEVA, V. TYUFEKCHIEVA. 2006. Ephemeroptera and Plecoptera (Insecta) from Bulgarian part of Strouma River - Acta Zoologica Bulgarica, 58 (1): 125-130.

- SOUFI, R., **E. VARADINOVA**, Y. UZUNOV. 2002. Recent Assessment and Long-Term Changes in the Saprobiological State of the Struma River (South-Western Bulgaria) - J. Environ. Prot. & Ecology, 3 (1): 68 –85.
32. VIDINOVA, Y., I YANEVA, V TYUFEKCHIEVA. 2006. *Ephemeroptera and Plecoptera (Insecta)* from the Bulgarian Part of the Struma River - Acta Zoologica Bulgarica, 58 (1): 123-128.
- UZUNOV, Y., DAKOVA S. & **E. VARADINOVA**. Complicity of flow parameters in trophic structuring the invertebrate bottom communities of the Mesta River (SW Bulgaria). Conf on Wat. Observ. Infor. Sys. For Decis. Sup., BALWOIS, 25-29 May 2004, Ohrid, Macedonia.
33. ПАВЛОВА, М. 2013. Трофична структура на зооценозите в сладководни екосистеми под антропогенен натиск и въздействие. Дисертационен труд. Академично издателство "Марин Дринов", София, 274 стр. ISBN 978-954-322-597-2.
- SOUFI, R., **E. VARADINOVA**, Y. UZUNOV. 2005. Relation of the Bulgarian Biotic Index to the standardized Indices for Water quality assessment of the river Mesta (SW Bulgaria) - Comp. rend. Acad. bulg. Sci., 57 (8): 83-86.
34. GECHIEVA, G. L. YURUKOVA. 2013. Reference Aquatic Macrophyte Communities at Rivers in Southwestern Bulgaria - Comptes Rendus de l'Academie Bulgare des Sciences, 66 (2): 223-230 (IF)
- VARADINOVA, E.**, SOUFI, R. & UZUNOV, Y. 2006. Macroinvertebrate Trophic Structure as Indicator of the Ecological Status of the River Mesta – Proc. Int. Symp. Bioprocess systems, October 24-26, 2006, Sofia, pp. I.33-I.43.
35. ПАВЛОВА, М. 2013. Трофична структура на зооценозите в сладководни екосистеми под антропогенен натиск и въздействие. Дисертационен труд. Академично издателство "Марин Дринов", София, 274 стр. ISBN 978-954-322-597-2.
- SOUFI, R., **E. VARADINOVA**, Y. UZUNOV. 2006. Relation of the Bulgarian Biotic Index to the standardized indices for water quality assessment in Bulgaria and some biotic indices used in EC countries: investigation for the Struma River (South-Western Bulgaria) - Acta Zool. Bulg., 58 (2):265-273.
36. ATANASSOVA M. 2006. Assessment of the Mesta River pollution in the reference points, International Symposium BioPS'06, Oktober 24-25, Sofia, II.35-II.44.
37. DIADOVSKI I., M. ATANASSOVA, I. IVANOV, E. BOURNASKI. 2006. Assessment of the trophic pollution of the transboundary Mesta River in the Bulgarian section using some basic indicators - Journal of Balkan ecology, 9 (2): 192-195.
- ВАРАДИНОВА Е. 2006.** Състав, динамика и индикаторен потенциал на функционалните трофични групи от макрозообентоса в поречието на Места – дисертационен труд
38. ИВАНОВ, П. 2008. Таксономично разнообразие, разпространение и екология на кремъчни водорасли от някои реки в България. Дисертационен труд, София, Лого Дизайн ООД. 294 с.
39. КЕНДЕРОВ, Л. 2010 Състав, разпределение и трансфер на хиперейните биоценози от поречието на р. Искър във връзка с екологичното състояние на реката. Дисертационен труд
40. ПАВЛОВА, М. 2013. Трофична структура на зооценозите в сладководни екосистеми под антропогенен натиск и въздействие. Дисертационен труд. Академично издателство "Марин Дринов", София, 274 стр. ISBN 978-954-322-597-2.
41. ТЮФЕКЧИЕВА, В. 2014. Състав, разпространение и екология на разред Plecoptera (Insecta) в България. Дисертационен труд, 372 с. ISBN 978-954-322-725-9.

- VARADINOVA E., Y. UZUNOV, R. SOUFI.** 2007. A New Integrated Index for Assessment of the Ecological Status of Rivers as Based on Functional Feeding Groups of the Macrozoobenthos - J. Env. Prot. & Ecol., 4 (8):754 -762.
42. STATZNER B., L. BÊCHE. 2010. Can biological invertebrate traits resolve effects of multiple stressors on running water ecosystems? - Freshwat. Biol., 55: 80-119 **(IF)**
43. ORMEROD, S. J., DOBSON, M., HILDREW, A. G., TOWNSEND, C. R. 2010. Multiple stressors in freshwater ecosystems - Freshw. Biol., 55 (1): 1-4(4) **(IF)**
44. ŠUNDIĆ D, RADUJKOVIĆ B. 2012. Study on freshwater oligochaeta of Montenegro and their use as indicators in water quality assessment - Natura Montenegrina, 11: 117-383.
45. ПАВЛОВА, М. 2013. Трофична структура на зооценозите в сладководни екосистеми под антропогенен натиск и въздействие - Дисертационен труд. Академично издателство "Марин Дринов", София, 274 стр. ISBN 978-954-322-597-2.
- VARADINOVA, E., Y. VIDINOVA, V. TYUFEKCHIEVA, I. YANEVA.** 2008. Trophic structure of macrozoobenthos as measure of water bodies ecological state assessment - Journal of Balkan Ecology, 11 (3): 297-308.
46. ПАВЛОВА, М. 2013. Трофична структура на зооценозите в сладководни екосистеми под антропогенен натиск и въздействие - Дисертационен труд. Академично издателство "Марин Дринов", София, 274 стр. ISBN 978-954-322-597-2.
- BREDEWEG, B., P. SALLES, A. BOUWER, J. LIEM, T. NUTTLE, E. CIOACA, E. NAKOVA, R. NOBLE, A.L.R. CALDAS, Y. UZUNOV, **E. VARADINOVA**, A. ZITEK. 2008. Towards a structured approach to building qualitative reasoning models and simulations - Ecological Informatics, 1 (3):1-12
47. MATSUO. M. 2009 A reusable model of causal graph in qualitative reasoning source – In: Proceedings of the 10th IEEE International Conference on Information Reuse & Integration Table of Contents, Las Vegas, Nevada, USA, ISBN:978-1-4244-4114-3, 246-251.
48. HYLKE BUISMAN. 2007. Automated modeling in process-based qualitative reasoning - Artificial Intelligence, University of Amsterdam (UvA), The Netherlands, PHD Thesis.
49. WANG, M., CHU, Z., W. SONG. 2010. Study on qualitative modeling of underwater robot, Intelligent Control and Automation (WCICA), 8th World Congress in Japan, 7-9 July 2010, 1824–1829, ISBN 978-1-4244-6712-9.
50. PIIRIMÄE, K. 2011. Provision of decision support in environmental management - International Journal of Sustainable Society, 3 (1): 52-69, ISSN 1756-2538 (Print) 1756-2546 (Online).
51. HASHIURA, Y., MATUO, T. 2011. Flexible modeling language in qualitative simulation - Studies in Computational Intelligence, 365: 49-62, DOI: 10.1007/978-3-642-21375-5_5.
52. HASHIURA, Y., FUJIMOTO, T., MATSUO, T. 2011. Qualitative simulation models for non-autonomous systems – In: Proceedings - ICSEng 2011: International Conference on Systems Engineering, art. no. 6041569, 392-397.
53. MATSUO, T.; HASHIURA, Y. 2011. A Qualitative Decision Support System for Sustainable City Planning - In: Proceedings - 13th IEEE International Conference on Commerce and Enterprise Computing, CEC 2011, 5-7 Sept. 2011, Luxembourg, Print ISBN: 978-1-4577-1542-6 art. no. 6047002, 379–385.
54. CORRÊA, ANA KAROLINA GOMES 2011. Modelos Qualitativos de Simulacao sobre a Dinamica do Plankton em Diferentes Estados de Trofia no Lago paranoa DF - Disertacao, Brasilia DF, Julho, 2011, 129.
55. BAZZANA, M. 2011. Développement et mise en application d'un cadre de modélisation pour l'analyse des risques appliqués aux systèmes constructifs - These: 199, http://tel.archives-ouvertes.fr/docs/00/70/14/40/PDF/36572_BAZZANA_2011_archivage.pdf.
56. MATSUO, T. 2012. Effects of model reuse support in qualitative simulation - International Journal of Information and Decision Sciences, 4 (2-3): 130-147.

57. CHEN, S.Q., CHEN, B. 2012. Defining indirect uncertainty in system-based risk management, *Ecological Informatics*, 10: 10–16 **(IF)**
58. PAPADIMITRIOU, F. 2012. Artificial Intelligence in modelling the complexity of Mediterranean landscape transformations - *Computers and Electronics in Agriculture*, 8: 87-96 **(IF)**
59. CAMARA, M. Y. DUCQ, R. DUPAS. 2012. A Methodology for Interoperability Evaluation in Supply Chains based on Causal Performance Measurement Models Enterprise Interoperability - In: R Pole et al. (eds). *V Proceedings of the I-ESA, Conferences*, 5: 3-13, DOI 10.1007/978-1-4471-2819-9_1.
60. ZHANG, M., SONG, W., CHU, Z. 2013. Research on the method of fuzzy qualitative modeling for AUV - *Harbin Gongcheng Daxue Xuebao/Journal of Harbin Engineering University*, 34 (1): 116-122.
61. CAMARA, M., Y DUCQ, R DUPAS. 2014. A methodology for the evaluation of interoperability improvements in inter-enterprises collaboration based on causal performance measurement models - *International Journal of Computer Integrated Manufacturing*, 27 (2): 103-119 **(IF)**
62. WEISS, G., F. GRIGOLEIT, AND P. STRUSS. 2013. Context Modeling for Dynamic Configuration of Automotive Functions - In: *Proceedings of the 16th International IEEE Annual Conference on Intelligent Transportation Systems (ITSC 2013)*, The Hague, The Netherlands, October 6-9.

VARADINOVA, E., L. PECHLIVANOV, G. MOSKOVA, Y. UZUNOV. 2009. Development and actual state of the macrozoobenthic fauna in the Srebarna Biosphere Reserve (North East Bulgaria) - *Comp. rend. Acad. bulg. Sci.*, 62 (2):243-248.
SHUKEROVA, S., KIRIN, D., HANZELOVÁ, V. 2010. Endohelminth communities of the perch, *Perca fluviatilis* (Perciformes, Percidae) from Srebarna Biosphere Reserve, Bulgaria - *Helminthologia*, 47 (2): 99-104, ISSN: 0440-6605 **(IF)**

63. Павлова, М. 2013. Трофична структура на зооценозите в сладководни екосистеми под антропогенен натиск и въздействие - Дисертационен труд. Академично издателство "Марин Дринов", София, 274 стр. ISBN 978-954-322-597-2.

UZUNOV, Y., E. VARADINOVA, I. YANEVA, S. STOICHEV, Y. VIDINOVA, K. KUMANSKI. 2011. Long-term changes of the bottom invertebrate fauna of the Mesta River in southwestern Bulgaria - *Annuaire de l'Universite de Sofia „St. Kliment Ohridski“*, Faculte de Biologie, Livre 1 – Zoologie 99:33-52.

64. ТЮФЕКЧИЕВА, В. 2014. Състав, разпространение и екология на разред Plecoptera (Insecta) в България - Дисертационен труд за придобиване на PhD, 372 с. ISBN 978-954-322-725-9.

VARADINOVA, E., L. PECHLIVANOV, S. STOICHEV, Y. USUNOV. 2011. Recovering and succession of the species diversity of macrozoobenthos in the Srebarna Biosphere Reserve (North-East Bulgaria) – *Acta Zool. Bulg.*, 63 (1): 85-95, ISSN 0324-0770.

65. GEORGIEV, B. Biodiversity of the Srebarna Lake Biosphere Reserve: An Overview - In: (Y. Uzunov, B. Georgiev, E. Varadinoiva, N. Kamburova, L. Pehlivanov, V. Vasilev (eds.) *Ecosystems of the Biosphere Reserve 'Srebarna Lake'*, Prof. M. Drinov Acad. Publish. House, Sofia, 2012, 217 pp., ISBN 978-954-322-543-3.

CHESHMEDJIEV, S. R. SOUFI, Y. VIDINOVA, V. TYUFEKCHIEVA, I. YANEVA, Y. UZUNOV, E. VARADINOVA. 2011. Multi-habitat sampling method for benthic macroinvertebrate communities in different river types in Bulgaria - *Water Research and Management*, 3 (1):55-58 (Hard Copy) UDK: 582.26 (497.2), ISSN 2217-5547.

66. НАРЕДБА № Н-4 от 14.09.2012 г. за характеризиране на повърхностните води - ДВ, бр. 22 от 5.03.2013, http://www3.moew.government.bg/files/file/Water/Legislation/Naredbi/Naredba_H4_zh_harakterizirane_na_povy_rhnostnite_vodi.pdf

VARADINOVA, E., BORISOVA P, PECHLIVANOV, L., UZUNOV, Y. 2012. Macroinvertebrate communities of the Srebarna Lake Biosphere Reserve: Species diversity,

- abundance and modeling of the ecological status - In: (Y. Uzunov, B. Georgiev, E. Varadinoiva, N. Kamburova, L. Pehlivanov, V. Vasilev (eds.) Ecosystems of the Biosphere Reserve 'Srebarna Lake', Prof. M. Drinov Acad. Publish. House, Sofia, 2012, 217 pp., ISBN 978-954-322-543-3.
67. GEORGIEV, B. Biodiversity of the Srebarna Lake Biosphere Reserve: An Overview - In: (Y. Uzunov, B. Georgiev, E. Varadinoiva, N. Kamburova, L. Pehlivanov, V. Vasilev (eds.) Ecosystems of the Biosphere Reserve 'Srebarna Lake', Prof. M. Drinov Acad. Publish. House, Sofia, 2012, 217 pp., ISBN 978-954-322-543-3.
68. ПАВЛОВА, М. 2013. Трофична структура на зооценозите в сладководни екосистеми под антропогенен натиск и въздействие - Дисертационен труд. Академично издателство "Марин Дринов", София, 274 стр. ISBN 978-954-322-597-2.
- BORISOVA, P., **VARADINOVA, E.**, UZUNOV, Y. 2013. Contemporary State of the bottom invertebrate communities of the Tundja River basin (South-East Bulgaria) - *Acta zool. bulg.* 65 (1): 75-87.
69. ПАВЛОВА, М. 2013. Трофична структура на зооценозите в сладководни екосистеми под антропогенен натиск и въздействие - Дисертационен труд. Академично издателство "Марин Дринов", София, 274 стр. ISBN 978-954-322-597-2.
70. BUCZYŃSKI, P., A. ZAWAL, E. STĘPIEŃ, E. BUCZYŃSKA, V. PEŠIĆ. 2014. Contribution to the knowledge of dragonflies (Odonata) of Montenegro, with the first record of *Ophiogomphus cecilia* (Fourcroy, 1785) / Przyczynek do wiedzy o ważkach (Odonata) Czarnogóry, z pierwszym stwierdzeniem *Ophiogomphus cecilia* (Fourcroy, 1785) - *Annales UMCS, Biologia*, 68 (2): 57–71, ISSN (Online) 2083-3563, ISSN (Print) 0066-2232, DOI: 10.2478/v10067-012-0034-8.
- CHESHMEDJIEV, S., G. GECHEVA, D. BELKINOVA, **E. VARADINOVA, I. DIMITROVA-DYULGEROVA**, R. MLADENOV, R. SOUFI, M. PAVLOVA, L. PEHLIVANOV. 2013. Assessment of Ecological Status and Preliminary Results on Reference Conditions in Alpine Glacial Lakes (Bulgaria) a Contribution to the Implementation of the Water Framework Directive - *J: Biotechnology & Biotechnological Equipment.*, 27, 1, 3522-3528, ISSN 1310-2818.
71. BOTEVA, S., KENAROVA, A., RADEVA, G., TRAYKOV, I., BOGOEV, V. 2013. Community dynamics of pelagic bacteria in the high mountain lake Bubreka, Rila mountain, Bulgaria, *Comp. Rend. de L'Acad. Bulgare des Sci.*, 66 (11): 1579-1586 (**IF**).
- ЧЕШМЕДЖИЕВ, С., Е. **ВАРАДИНОВА**. 2013. Дънни макробезгръбначни - В: (Д. БЕЛКИНОВА, Г. ГЕЧЕВА, С. ЧЕШМЕДЖИЕВ, И. ДИМИТРОВА-ДЮЛГЕРОВА, Р. МЛАДЕНОВ, М. МАРИНОВ, И. ТЕНЕВА, П. СТОЯНОВ, П. ИВАНОВ, С. МИХОВ, Л. ПЕХЛИВАНОВ, **Е. ВАРАДИНОВА**, Ц. КАРАГЪЗОВА, М. ВАСИЛЕВ, А. АПОСТОЛУ, Б. ВЕЛКОВ, М. ПАВЛОВА. Биологичен анализ и екологична оценка на типовете повърхностни води в България. Университетско издателство „Паисий Хилендарски“, 147-163, ISBN 978-954-423-824-7.
72. НАРЕДБА № Н-4 от 14.09.2012 г. за характеризиране на повърхностните води - ДВ, бр. 22 от 5.03.2013, http://www3.moew.government.bg/files/file/Water/Legislation/Naredbi/Naredba_H4_zh_harakterizirane_na_povyrhnostnite_vodi.pdf.

Списък на цитиранията на кандидата по обявения конкурс за заемане на академичната длъжност „професор“

(В справката не са включени цитирания в дипломни работи, дисертации и доклади от научни форуми)

UZUNOV Y., V. TZAVKOVA, I. TODOROV, E. **VARADINOVA**. 2001. The macrozoobenthic fauna of the Biosphere reserve Srebarna Lake in North-Eastern Bulgaria. – *Lauterbornia*, 40: 43-51, ISSN: 0935-333X

73. Todorov, M., S. Grozeva, Z. Hubenov, L. Kenderov, T. Trichkova. 2016. Taxonomic status and distribution of medicinal leeches of the genus *Hirudo* L. (Hirudinea) in Bulgaria - *Acta zool. bulg.*, 68 (2), 2016: 171-182 <https://www.acta-zoologica-bulgarica.eu/downloads/acta-zoologica-bulgarica/2016/68-2-171-182.pdf> (IF)
74. Ihtimanska, M.K., Ilkova, J.S., Michailova, P.V. 2018. Biodiversity of family Chironomidae (Diptera) in Srebarna Lake (North-East Bulgaria) and genome instability of some species from genus *Chironomus* Meigen, 1803. - *Ecologia Balkanica*, 10, 2, 41-53 http://web.uni-plovdiv.bg/mollov/EB/2018_vol10_iss2/041-053_eb.18109.pdf (SJR)
75. Shukerova, S. & D. Kirin. 2019. Helminth Communities of Roach *Rutilus rutilus* (L., 1758) (Cypriniformes: Cyprinidae) from Srebarna Biosphere Reserve, Bulgaria - *Acta zool. bulg.*, 71 (2), 2019: 285-292 <https://www.acta-zoologica-bulgarica.eu/downloads/acta-zoologica-bulgarica/2019/71-2-285-292.pdf> (IF)
76. Bechev D., Kazandzhieva S. 2018. Distribution of freshwater Decapoda (Crustacea: Malacostraca) in Bulgaria. *ZooNotes*, Supplement 6: 1-31. - http://www.zoonotes.bio.uni-plovdiv.bg/Supplements/ZooNotes_Suppl%206_CrustaceaBG_PDFa.pdf
77. Stoianova, D. 2018. It is raining bugs: summer dispersal of aquatic bugs (Hemiptera, Heteroptera: Nepomorpha) in Srebarna Nature Reserve (Bulgaria). *Historia naturalis bulgarica* 27: 41–50, ISSN 0205-3640 (print) | ISSN 2603-3186 (online) <https://www.nmnh.com/historia-naturalis-bulgarica/pdfs/000422000272018.pdf>
78. Shukerova, S. & D. Kirin. 2019. Helminth Communities of Roach *Rutilus rutilus* (L., 1758) (Cypriniformes: Cyprinidae) from Srebarna Biosphere Reserve, Bulgaria - *Acta zool. bulg.*, 71 (2), 2019: 285-292 <https://www.acta-zoologica-bulgarica.eu/downloads/acta-zoologica-bulgarica/2019/71-2-285-292.pdf> (IF)
79. Hubenov, Z. 2021. Species composition and distribution of the dipterans (Insecta: Diptera) in Bulgaria. — Pensoft and National Museum of Natural History, Sofia, 276 pp. [doi:10.3897/ab.e68616](https://doi.org/10.3897/ab.e68616)

УЗУНОВ Й. & **Е. ВАРАДИНОВА**. 2001. Нови данни за безгръбначната хидрофауна на Кресненския пролом (Югозападна България). – В: Берон П. (Ред.): Биоразнообразието на Кресненския пролом. Институт по зоология & Национален исторически музей, София. 53-61, ISBN 954-8828-02-2

80. Todorov, M., S. Grozeva, Z. Hubenov, L. Kenderov, T. Trichkova. 2016. Taxonomic status and distribution of medicinal leeches of the genus *Hirudo* L. (Hirudinea) in Bulgaria - *Acta zool. bulg.*, 68 (2), 2016: 171-182 <https://www.acta-zoologica-bulgarica.eu/downloads/acta-zoologica-bulgarica/2016/68-2-171-182.pdf> (IF)

SOUFI R., UZUNOV Y. & **VARADINOVA E.** 2006. Relation of the Bulgarian Biotic Index to the Standardized Indices for Water Quality Assessment in Bulgaria: Study on the Struma River (SouthWest Bulgaria). *Acta Zoologica Bulgarica* 58(2): 265-273.

81. Rimcheska, B. & Y. Vidinova. 2020. Ecological Status Assessment of Mountain and Semi-mountain Streams in the Aegean Watershed: Applicability of Biotic Indices BMWP and ASPT Based on Macroinvertebrates. *Acta zool. bulg.*, 72 (1), 2020: 49-60 <https://acta-zoologica-bulgarica.eu/older-articles/002326.pdf> (IF)

- VARADINOVA, E., UZUNOV, Y., SOUFI, R., 2007.** A new integrated index for assessment of the ecological status of rivers as based on functional feeding groups of the macrozoobenthos. *Journal of environmental protection and ecology*, 8(4), 754–762
82. Reshetniak, D. Y. (2017) "Methods for assessing anthropogenic threats to freshwater ecosystems biodiversity/ Методи оцінювання антропогенних загроз біорізноманіттю прісноводних екосистем, *Journal of Geology & Geography and Geoecology*, 25, 1, 71-79 - DOI: <https://doi.org/10.15421/111709>
- BREDEWEG, B., P. SALLES, A. BOUWER, J. LIEM, T. NUTTLE, E. CIOACA , E. NAKOVA, R. NOBLE, A.L.R. CALDAS, Y. UZUNOV, **E. VARADINOVA**, A. ZITEK. 2008. Towards a structured approach to building qualitative reasoning models and simulations; *Ecological Informatics*, 1, 3:1-12.
83. Lozano, E., J Gracia, O Corcho, RA Noble 2015 Problem-based learning supported by semantic techniques, *Interactive Learning Environments* - 23, 1, 37-54 <https://www.tandfonline.com/doi/abs/10.1080/10494820.2012.745431> (IF)
84. Jilani, R. (2017) Learning Static Knowledge for AI Planning Domain Models via Plan Traces. Doctoral thesis, University of Huddersfield. <https://eprints.hud.ac.uk/id/eprint/34414/1/FINAL%20THESIS%20-%20Jilani.pdf>
85. Schneider, I., Y. Topalova. 2016. Risk Modelling of Organic Pollution in Lake Sediments - *Journal of Environmental Protection*, 7, 591-601 Published Online April 2016 in SciRes DOI: [10.4236/jep.2016.75053](https://doi.org/10.4236/jep.2016.75053)
86. Dohnal, M. & K. Doubravsky. 2016. Equationless and equation-based trend models of prohibitively complex technological and related forecasts - *Technological Forecasting and Social Change* Volume 111, October 2016, Pages 297–304 DOI: [10.1016/j.techfore.2016.07.031](https://doi.org/10.1016/j.techfore.2016.07.031) (IF)
87. Dohnal, M. 2016. Complex biofuels related scenarios generated by qualitative reasoning under severe information shortages: A review.-*Renewable & Sustainable Energy Reviews* 65 , pp.676-684 <https://doi.org/10.1016/j.rser.2016.07.029> (IF)
88. McCluskey, TL; Vaquero, TS and Vallati, M 2017. Engineering Knowledge for Automated Planning: Towards a Notion of Quality. -9th International Conference on Knowledge Capture (K-CAP) .K-CAP 2017: PROCEEDINGS OF THE KNOWLEDGE CAPTURE CONFERENCE <https://eprints.hud.ac.uk/id/eprint/33581/1/main.pdf>
- VARADINOVA E., VASSILEV V., STOICHEV S., UZUNOV Y. 2010.** The macrozoobenthos of the Pomorie Lake. – In: Collection with reports Pomorie Lake region (Protected Site “Pomorie Lake”, Ramsar Site, NATURA 2000 sites “Pomorie” BG 0000620 and “Pomorie Lake” BG 0000152), 95-100. (In Bulgarian).
89. Hubenov, Z., 2015. Species composition of the free living multicellular invertebrate animals (Metazoa: Invertebrata) from the Bulgarian sector of the Black Sea and the coastal brackish basins. *Historia naturalis bulgarica*, 21: 49-168 <https://www.nmnhs.com/historia-naturalis-bulgarica/pdfs/000364000212015.pdf>
- UZUNOV, Y.; YANEVA, I.; PARVANOV, D.; **VARADINOVA, E.**; KENDEROV, L.; TYUFEKCHIEVA, V.; PANOVA-KARAJOVA, A.; SOFI, R.; PETROVA, 2010. Short manual for bottom invertebrate fauna (macrozoobenthos) of the Bulgarian rivers and lakes. 627032009 MIN ENV WA.
90. Margaritova, B; Kenderov, L; Dashinov, D., Uzunova, E., Mihov, S. 2021. Dietary composition of young sturgeons (Acipenseridae) from the Bulgarian section of the Danube River, *Journal of natural history*. 55 (35-36), 2279-2297. <https://doi.org/10.1080/00222933.2021.2005838> (IF)
- PEHLIVANOV, L., Y. UZUNOV, S. NAUMOVA, I. YANEVA, D. PARVANOV, **E. VARADINOVA**, L. KENDEROV, Y. PRESOLSKA, V. TYUFEKCHIEVA, A. PANOVA-KARADJHOVA, R. SOUFI, A. PETROVA. 2010. A Short Identification Guide on the Invertebrate Fauna (Macrozoobenthos) of the Bulgarian Rivers and Lakes. MEW, 2010, 134.

91. Teofilova, T.M., P.G. Pandakov, 2016 Survey of aquatic coleopterans of Bulgarka Natural Park (Central Stara Planina Mts., Bulgaria)) - *Acta zoologica bulgarica* 68, 3: 343-350 <https://www.acta-zoologica-bulgarica.eu/downloads/acta-zoologica-bulgarica/2016/68-3-343-350.pdf> (IF)

- VARADINOVA E., P. BORISOVA, L. PECHLIVANOV, Y. UZUNOV. 2012.** Macroinvertebrate communities of the Srebarna Lake Biosphere Reserve: Species diversity, abundance and modeling of the ecological status. - In: (Y. Uzunov, B. Georgiev, **E. Varadinoiva**, N. Kamburova, L. Pehlivanov, V. Vasilev (eds.) *Ecosystems of the Biosphere Reserve 'Srebarna Lake*, Professor Marin Drinov Academic Publishing house, 93-115, ISBN 978-954-322-543-3

92. Kazakov, S., Kerakova, M., Ihtimanska, M. 2014. Ecological Status of Shallow Lakes in the Bulgarian Danube River Floodplain According to the ECOFRAME Approach: Testing a System for Integrated Ecological Quality Assessment. *Acta zool. bulg. Suppl.* 7, 191-196 ISSN: 0324-0770 <https://www.acta-zoologica-bulgarica.eu/downloads/acta-zoologica-bulgarica/2014/supplement-7-191-196.pdf> (IF)

93. Todorov, M. , S. Grozeva , Z. Hubenov , L. Kenderov , T. Trichkova. 2016. Taxonomic status and distribution of medicinal leeches of the genus *Hirudo* L. (Hirudinea) in Bulgaria - *Acta zool. bulg.*, 68 (2), 2016: 171-182 <https://www.acta-zoologica-bulgarica.eu/downloads/acta-zoologica-bulgarica/2016/68-2-171-182.pdf> (IF)

94. Pehlivanov, L., A. Apostolou1 & G. Wolfram.2017. Development of Bulgarian Fish Based Index for Ecological Classification and Monitoring of Natural Riparian Lakes (Type L5/L-EC-1) *Acta zool. bulg.*, Suppl. 8, 2017: 153-162 <https://www.acta-zoologica-bulgarica.eu/downloads/acta-zoologica-bulgarica/2017/supplement-8-153-162.pdf> (IF)

95. Misirlioğlu, I.E.& M. Stojanović. 2018. Distribution of non-lumbricid earthworms (Clitellata: Acanthodrilidae, Criodrilidae, Megascolecidae and Ocnerodrilidae) on the Balkans and Anatolia with first record of *Amyntas morrisi* (Beddard, 1892) from Turkey, October 2018, *Zootaxa* 4496(1):197-205, DOI: [10.11646/zootaxa.4496.1.15](https://doi.org/10.11646/zootaxa.4496.1.15) (IF)

96. Ihtimanska, M., J. Ilkova, P. Michailova. 2018. Biodiversity of Family Chironomidae (Diptera) in Srebarna Lake (North-East Bulgaria) and Genome Instability of Some Species from Genus *Chironomus* Meigen, 1803 – *Ecologia Balkanica*, 2018, Vol. 10, Issue 2 December 2018 pp. 41-53 http://web.uni-plovdiv.bg/mollov/EB/2018_vol10_iss2/041-053_eb.18109.pdf, (SJR)

97. Stoianova, D. 2018. It is raining bugs: summer dispersal of aquatic bugs (Hemiptera, Heteroptera: Nepomorpha) in Srebarna Nature Reserve (Bulgaria). *Historia naturalis bulgarica* 27: 41–50, ISSN 0205-3640 (print) | ISSN 2603-3186 (online) <https://www.nmnh.com/historia-naturalis-bulgarica/pdfs/000422000272018.pdf>

98. Shukerova, S. & D. Kirin.2019. Helminth Communities of Roach *Rutilus rutilus* (L., 1758) (Cypriniformes: Cyprinidae) from Srebarna Biosphere Reserve, Bulgaria - *Acta zool. bulg.*, 71 (2), 2019: 285-292 <https://www.acta-zoologica-bulgarica.eu/downloads/acta-zoologica-bulgarica/2019/71-2-285-292.pdf> (IF)

99. Trichkova, T., Todorov, M., Georgiev, D., Hubenov, Z.2019. Species composition and distribution of mollusca (gastropoda and bivalvia) in the bulgarian sector of the danube river and the adjacent wetlands (Book Chapter). *Biodiversity of the Bulgarian-Romanian Section of the Lower Danube*, pp. 29-71

100. Hubenov, Z..2021. Species composition and distribution of the dipterans (Insecta: Diptera) in Bulgaria. Pensoft Publishers and National Museum of Natural History, Sofia, e-book in English, 276 pp <https://doi.org/10.3897/ab.e68616>

GECHIEVA, G., L. YURUKOVA, S. CHESHMEDJIEV, **E. VARADINOVA** & D. BELKINOVA. 2013. Integrated Assessment of the Ecological Status of Bulgarian Lowland and Semi-Mountain Natural Lakes. *Journal of Environmental Protection*, 4,(6A), 29-37, doi:10.4236/jep.2013.46A004, Published Online June 2013 (<http://www.scirp.org/journal/jep>), ISSN Online: 2152-2219

101. Vidović, M., M. N. Rodić, M. U. Vidović, I. S. Trajković, S. Z. Jovanić. 2015. Assessment of the Trophic Status by Monitoring of Reservoir's Water Quality - Journal of Water Resource and Protection, 7, 1, Article ID:53165,12 DOI: [10.4236/jwarp.2015.71001](https://doi.org/10.4236/jwarp.2015.71001) (IF)
 102. Traykov, I. & A. Tosheva. Trophic state and macrophyte based assessment of the ecological status of selected reservoirs in Bulgaria. Bulgarian Journal of Agricultural Science, 21 (Supplement 1) 2015, 121–125 Agricultural Academy <https://www.agrojournal.org/21/01s-19.pdf> (IF)
 103. Dochin, K. 2023. Using phytoplankton as a tool for evaluating changes in the ecological status of two Bulgarian reservoirs (2020-2021). Bulgarian Journal of Agricultural Science 29(2):252-261 https://journal.agrojournal.org/page/en/details.php?article_id=4213 (IF)
- TODOROV M., ANTONOVA V., HUBENOV Z., IHTIMANSKA M., KENDEROV L., TRICHKOVA T., **VARADINOVA E.** AND DELTSHEV C. 2014. Distribution and actual status of stone crayfish populations *Austropotamobius torrentium* (Decapoda: Astacidae) in Natura 2000 protected areas in Bulgaria. Acta Zool. Bulg., 66 (2), 181-202
104. Kouba, A., A. Petrussek, P. Kozák. 2014. Continental-wide distribution of crayfish species in Europe: update and maps. - Knowledge and Management of Aquatic Ecosystems, 413, 05, ISSN (Electronic Edition): 1961-9502 <https://doi.org/10.1051/kmae/2014007> (IF)
 105. Chucholl, Ch., A. Schrimpf. 2015. The decline of endangered stone crayfish (*Austropotamobius torrentium*) in southern Germany is related to the spread of invasive alien species and land-use change – Aquatic conservation: marine and freshwater ecosystems, Aquatic Conserv: Mar. Freshw. Ecosyst. (2015) Published online in Wiley Online Library (wileyonlinelibrary.com). <https://doi.org/10.1002/aqc.2568> (IF)
 106. Slavevska-Stamenković, V., B. Rimčeska, E. Stojkoska, N. Stefanovska, J. Hinić, V. Kostov. 2016. The catalogue of freshwater decapoda (decapoda: potamonidae, astacidae, atyidae) from the republic of Macedonia in the collection of Macedonian museum of natural history. ПРИЛОЗИ, Одделение за природно-математички и биотехнички науки, МАНУ, том 37, бр. 2, стр. 173–183 (2016) CONTRIBUTIONS, Section of Natural, Mathematical and Biotechnical Sciences, MASA, Vol. 37, No. 2, pp. 173–183.
 107. Perdikaris, C., Konstantinidis, E., Georgiadis, C., Kouba, A. 2017. Freshwater crayfish distribution update and maps for Greece: Combining literature and citizen-science data. - Knowledge and Management of Aquatic Ecosystems. (418), 51, <https://doi.org/10.1051/kmae/2017042> (IF)
 108. Petrussek, A., P. Peška, D. Leštinab, P. Martin, D. Fischer, P. Kozák, P. Vlach. 2017. Mitochondrial DNA provides evidence of a double origin for the stone crayfish *Austropotamobius torrentium* in the Elbe basin, Limnologica - Ecology and Management of Inland Waters, 62, 77-83 <https://doi.org/10.1016/j.limno.2016.11.004> (IF)
 109. Policar, T., V. Bondarenko, O. Bezusyj, V. Stejskal, J. Kristan, O. Malinovskyi, A. Imentai, M. Blecha, Y. Pylypenko. 2017. Crayfish in central and southern Ukraine with special focus on populations of indigenous crayfish *Astacus pachypus* (Rathke, 1837) and their conservation needs, Aquatic Conservation: Marine and Freshwater Ecosystems ; doi:10.1002/aqc.2798 <https://doi.org/10.1002/aqc.2798> (IF)
 110. Costas, P., K. Evangelos, G. Christos, K. Antonín. 2017. Freshwater crayfish distribution update and maps for Greece: combining literature and citizen-science data. Knowledge and Management of Aquatic Ecosystems. 2017, 418, 51 <https://doi.org/10.1051/kmae/2017042> (IF)
 111. Bechev D., Kazandzhieva S. 2018. Distribution of freshwater Decapoda (Crustacea: Malacostraca) in Bulgaria. ZooNotes, Supplement 6: 1-31. - http://www.zoonotes.bio.uni-plovdiv.bg/Supplements/ZooNotes_Suppl%206_CrustaceaBG_PDFa.pdf
 112. Sucea, F.-N., Păunescu, E.-A., Roșca, D.-M., (...), Feczko, T.L., Iacobescu, I.D. 2022. Data on the distribution of a protected crayfish, *Austropotamobius torrentium*, in the Jiu Gorge National Park, Carpathian Mountains, Romania Bihorean Biologist, 16(1), pp. 21-26 https://biozoojournals.ro/bihbiol/cont/v16n1/bb_e221205_Sucea.pdf (IF)

113. Danilovic, M., Maguire, I., Füreder, L. 2022. Overlooked keystone species in conservation plans of fluvial ecosystems in Southeast Europe: a review of native freshwater crayfish species. *Knowledge and Management of Aquatic Ecosystems*, January (423), 21. <https://doi.org/10.1051/kmae/2022016> (IF)

KERAKOVA M., M. IHTIMANSKA, E. VARADINOVA. 2013. Application of trophic indices in ecological state assessment of riverine water bodies. *Agricultural Academy. Bulgarian Journal of Agricultural Science*, 19 (2), 277–281, ISSN 1310-0351

114. Rimcheska, B., Vidinova, Y. Diversity and structure of macroinvertebrate communities in permanent small streams and rivers in Eastern Balkans. *Hydrobiologia* 850, 3341–3357 (2023). <https://doi.org/10.1007/s10750-022-05004-6> (IF)

CHESHMEDJIEV S. & E. VARADINOVA 2013. Bottom macroinvertebrates. In: Belkinova D., G. Gecheva (Eds.), *Biological Analysis and Environmental Assessment of Surface Water Types in Bulgaria*. University Publishing House „Paisii Hilendarsky“, Plovdiv, 147-163

115. Kenderov, M. Pavlova, T. Trichkova, V. Tyufekchieva, Y. Vidinova, D. Kozuharov, I. Botev, Z. Hubenov, Y. Uzunov, S. Stoichev, M. Beshkova, H. Kalcheva, R. Kalchev. 2014. Trophic State and Trophic Structure in Three Bulgarian Reservoirs – *Acta Zool. Bulg.* 66 (2), 247-254 - <https://www.acta-zoologica-bulgarica.eu/downloads/acta-zoologica-bulgarica/2014/66-2-247-254.pdf> (IF)
116. Кендеров, Л., 2015. Хидробиология, В: Актуализиране на Плана за управление на поддържан резерват „Атанасовско езеро,“ финансира от Европейския фонд за регионално развитие на Европейския съюз и от държавния бюджет на Република България чрез Оперативна програма —Околна среда 2007-2013 г. | http://www.riosvbs.eu/images/files/PU_Atanassovsko_ezero.pdf
117. Georgieva, G., K. Radeva & Y. Uzunov .2017. New Data on Bottom Invertebrates of the Negovan Marshes and the Adjacent Lesnovska River.-*Acta Zoologica Bulgarica*, 69 (1) 89-94 <https://www.acta-zoologica-bulgarica.eu/downloads/acta-zoologica-bulgarica/2017/69-1-89-94.pdf> (IF)
118. Subeva, M., L. Kenderov, V. Evtimova, D. Dashinov, T. Teofilova, D. Stoianova, G. Georgieva, Y. Vidinova, Y. Uzunov. 2019. Assessment of Ecological Potential and the Benthic Macroinvertebrates of Eight Reservoirs in Bulgaria, *Ecologia Balkanica*,. 11, 1, 93-107, http://web.uni-plovdiv.bg/mollov/EB/2019_vol11_iss1/093-107_eb.18126.pdf (SJR)
119. Rimcheska, B., Vidinova, Y. 2023. Diversity and structure of macroinvertebrate communities in permanent small streams and rivers in Eastern Balkans. *Hydrobiologia*, 850, 3341–3357 <https://link.springer.com/article/10.1007/s10750-022-05004-6> (IF)

IHTIMANSKA M., E. VARADINOVA, S. KAZAKOV, R. HRISTOVA, S. NAUMOVA AND L. PEHLIVANOV 2014. Preliminary results about the distribution of macrozoobenthos along the Bulgarian stretch of the Danube River with respect to loading of nutrients, heavy metals and arsenic. – *Acta Zoologica Bulgarica*, (Supplementum 7): 165-171

120. Kalchev, R., T. Trichkova. 2014. The Danube and Black Sea Region – Unique Environment and Human Well-Being Under Conditions of Global Changes: Scientific Topics, Contributions and Results. - *Acta Zool. Bulg.*, Suppl. 7, 2014: 5-12 The 40th Anniversary Conference of the International Association for Danube Research (IAD) - <https://www.acta-zoologica-bulgarica.eu/downloads/acta-zoologica-bulgarica/2014/supplement-7-5-12.pdf> (IF)
121. Savić, A., Randelović, V., Dordević, M., Pešić, V. 2016. Assemblages of freshwater snails (Mollusca: Gastropoda) from the Nišava River, Serbia: Ecological factors defining their structure and spatial distribution. - *Acta Zoologica Bulgarica*, 68 (2): 235-242. <https://www.acta-zoologica-bulgarica.eu/downloads/acta-zoologica-bulgarica/2016/68-2-235-242.pdf> (IF)
122. Stoyanova, V., Kotsev, T., Kretschmar, R., Barmettler, K. "Concentration of Arsenic in the Soils of the Danube Floodplain between the Timok River and the Vit River". *Proceedings of 18th International Multidisciplinary*

- Scientific GeoConference SGEM, 2018, 18: 71-78, DOI: 10.5593/sgem2018/3.2/S13.010 <https://www.sgem.org/index.php/elibrary-research-areas?view=publication&task=show&id=950> (SJR)
123. Stoyanova, V., T. Kotsev, G. Zhelezov, M. Sima, E. Levei. 2019. Copper concentration in the soils of the Danube floodplain between the rivers Timok and Vit northwestern Bulgaria. - European Journal of Geography, Volume 10, 2:134-149, <https://www.eurogeojournal.eu/index.php/egj/article/view/182> (IF)
124. Schütze M. 2019. Modelling of Water Systems in a Convenient Way. – Ecologia Balkanica, Special Edition 2, 207-215. http://web.uni-plovdiv.bg/mollov/EB/2019_SE2/207-215_eb.19SE2S1.pdf (SJR)
125. Stoyanova, V., Kotsev, T., Kretschmar, R., Barmettler, K. "Concentration of Arsenic in the Soils of the Danube Floodplain between the Timok River and the Vit River". Proceedings of 18th International Multidisciplinary Scientific GeoConference SGEM, 2018, 18: 71-78, DOI: 10.5593/sgem2018/3.2/S13.010 (SJR)
126. Головатюк, Л. В., Михайлов, Р. А. 2021. Анализ пространственного распределения сообществ макрозообентоса в равнинной реке полупустынной зоны. Вестник Томского государственного университета. Биология, 53: 131-150, ISSN / eISSN: 1998-8591 / 2311-2077 http://journals.tsu.ru/biology/&journal_page=archive&id=2074&article_id=46733 (SJR)
127. Novakovic, B. & Stojanović, Z. & Paskas, N. & Vazić, T. & Timotić, I. & Popadić, D. (2023). Effects of pesticides to benthic invertebrate community in the Serbian Danube stretch using the SPEAR index. Conference: 44th conference of International Danube Research, 6-9 February 2023 At: Krems, Austria DOI: [10.5281/zenodo.8076294](https://doi.org/10.5281/zenodo.8076294)
128. Zaharia, L., Ţuchiu, E., Ioana-Toroimac, G., Moroşanu, GA., Negm, A., Pintilie, I. (2022). Variability of Nutrient Concentrations Along the Lower Danube River. In: Negm, A., Zaharia, L., Ioana-Toroimac, G. (eds) The Lower Danube River. Earth and Environmental Sciences Library. Springer, Cham. https://doi.org/10.1007/978-3-031-03865-5_6
- VIDINOVA Y., I. BOTEV, V. TYUFEKCHIEVA, T. NEDYALKOVA, I. YANEVA, B. ZADNEPOLSKI, E. VARADINOVA. 2008. Results of rapid hydrobiological monitoring of watersheds from the East- and West Aegean Sea River Basin Districts in Bulgaria- Acta Zool. Bulg., 2:233-242, ISSN: 0324-0770
129. Michailova, P., J. Ilkova & K. White. 2015. Implications of Genome Alterations in *Chironomus bernensis* Klötzli (Diptera) for Assessment of Trace Metal Pollution in Two Bulgarian Rivers - River Research and Applications - Article first published online: 15 JUL 2015 Copyright © 2015 John Wiley & Sons, Ltd., <https://doi.org/10.1002/rra.2927> (IF)
130. Dermendzhieva, D., G. Kostadinova, G. Petkov, R. Nastova and I. Dineva, 2018. Agroecological assessment of Sokolitsa river water affected by open coal mining activity in the largest energy complex in Bulgaria. Bulg. J. Agric. Sci., 24 (Suppl. 1): 169–179, <https://www.agrojournal.org/24/01s-24.pdf> (IF)
131. Trichkova, T., Todorov, M., Georgiev, D., Hubenov, Z. 2019. Species composition and distribution of mollusca (gastropoda and bivalvia) in the bulgarian sector of the danube river and the adjacent wetlands (Book Chapter) . Biodiversity of the Bulgarian-Romanian Section of the Lower Danube, pp. 29-71
- GEORGIEVA., G. , E. VARADINOVA, Y. UZUNOV., 2012. Distribution of non-indigenous tubificid worm *Branchiura sowerbyi* (Beddard, 1982) in Bulgaria". - J. BioSci. Biotech. 2012, SE/ONLINE: 105-113, ISSN: 1314-6246
132. Cebulska, K. & M. Krodkiewska 2017. A New Locality of Alien Oligochaete Species *Branchiura sowerbyi* in Upper Oder River in Poland. Polish J. of Ecology, 65(4):432-438 <https://doi.org/10.3161/15052249PJE2017.65.4.012> (IF)
133. Dumnicka, E. 2016. "Alien Naididae species (Annelida: Clitellata) and their role in aquatic habitats in Poland". Biologia, vol. 71, no. 1, 2016, pp. 16-23. <https://doi.org/10.1515/biolog-2016-0006> (IF)
134. Duggan, I. & K. Collier. 2019. Management of Non-indigenous Lacustrine Animals - Lake Restoration Handbook, Springer, 299-331 - https://link.springer.com/chapter/10.1007/978-3-319-93043-5_9

135. Vučković, N., Pozojević, I., Kerovec, M., Dorić, V. & Mihaljević, Z. 2019.: Notes and new data on the distribution of a non-native oligochaete: *Branchiura sowerbyi* (Beddard, 1892) in Croatia. *Nat. Croat.*, Vol. 28, No. 2., 455-462, <https://doi.org/10.20302/NC.2019.28.30> (SJR)
136. Zorina-Sakharova, KY., AV Lyashenko .2020. Macroinvertebrates-Invaders in the Kiliya Delta of the Danube River. 2024. 56, 3, 46-61. DOI: 10.1615/Hydrob J.v56.i3.40 (SJR)
137. Ivicheva, K.N., Filonenko, I.V. First Record of *Branchiura sowerbyi* Beddard, 1892 (Oligochaeta) in the Sheksna Reservoir (Upper Volga). 2023. *Russ J Biol Invasions* 14, 151–154. <https://doi.org/10.1134/S2075111723020042> (IF)
138. Perova, S.N. First Finding of *Branchiura sowerbyi* Beddard, 1892 (Oligochaeta, Tubificidae) in the Rybinsk Reservoir. *Russ J Biol Invasions* 13, 506–509 (2022). <https://doi.org/10.1134/S2075111722040087> (IF)
139. Taybi, A.F., Mabrouki, Y., T. van Haaren. 2023. Distribution of the alien Tubificid worm *Branchiura sowerbyi* (Beddard, 1892) in Morocco. *Arxius de Miscel·lània Zoològica* 21:253–260. DOI: [10.32800/amz.2023.21.0253](https://doi.org/10.32800/amz.2023.21.0253). (IF)

BORISOVA, P., VARADINOVA, E., KERAKOVA, M., KAZAKOV, S., STOICHEV, S., UZUNOV, Y., PEHLIVANOV, L. 2014. Seasonal changes in benthic communities of the Srebarna Lake (Northeast Bulgaria): habitat perspective - *Acta zoologica bulgarica*, 66 (2): 239-245 [ISSN: 0324-0770]

140. Ihtimanska, M.K., Ilkova, J.S., Michailova, P.V. 2018. Biodiversity of family Chironomidae (Diptera) in Srebarna Lake (North-East Bulgaria) and genome instability of some species from genus *Chironomus* Meigen, 1803. - *Ecologia Balkanica*, 10, 2, 41-53, (SJR)
141. Krodkiewska, M., Strzelec, M., Spyra, A., Lewin, I. 2019. The impact of environmental factors on benthos communities and freshwater gastropod diversity in urban sinkhole ponds in roadside and forest contexts. *Landscape Research*, 44, 4: 477-492 <https://doi.org/10.1080/01426397.2018.1441387> (IF)
142. Shukerova, S. & D. Kirin. 2019. Helminth Communities of Roach *Rutilus rutilus* (L., 1758) (Cypriniformes: Cyprinidae) from Srebarna Biosphere Reserve, Bulgaria - *Acta Zool. Bulg.*, 71 (2), 2019: 285-292 <https://www.acta-zoologica-bulgarica.eu/downloads/acta-zoologica-bulgarica/2019/71-2-285-292.pdf> (IF)

CHESHMEDJIEV, S., SOUFI, R., VIDINOVA, Y., TYUFEKCHIEVA, V., YANEVA, I., UZUNOV, Y., VARADINOVA, E. 2011. Multi-habitat sampling method for benthic macroinvertebrate communities in different river types in Bulgaria. *Water Research and Management*, 1, 3:55-58.

143. Boyanov, B., D. A. Kirin, D. Kuzmanova, M. Nikolova. 2015. Physicochemical monitoring, Biodiversity and Biological monitoring of the Vit River, Bulgaria, *Elixir International Journal, Earth Science*, vol. 78 pp. 29269-29634; ISSN 2229-712X - <https://www.semanticscholar.org/paper/Physicochemical-monitoring%2C-Biodiversity-and-of-the-Boyanov-Kirin/daeba72285dbe908bf41bb376571e2d63f62a5aa>
144. Trajanovski, S., B. Gjoreska, S. Trajanovska, K. Zdraveski. 2015. Habitat change driving force for endemic/cosmopolitan ratio perturbation in the benthic fauna of ancient Lake Ohrid and its watershed.- Review, *PSI Hydrobiological Institute Ohrid*, 116-130; ISSN 1409-9373 43 1.
145. Dashinov, D., T. Stefanov, L. Kenderov. 2016. Ecological status of the rivers in "Centralen Balkan" National Park (Bulgaria) according to bottom macroinvertebrates. Seminar of Ecology – 2015 with international participation Proceedings, 23-24 April Sofia, Bulgaria https://www.researchgate.net/publication/322330489_Ecological_status_of_the_rivers_in_Centralen_Balkan_National_park_Bulgaria_according_bottom_macroinvertebrates#fullTextFileContent
146. Ivanov, P., M. Ihtimanska, D. Zaccagnino, S. Marcato, L. Pehlivanov. 2016. Development of macrozoobenthos community in the ephemeral Aldomirovsko marsh (Northwest Bulgaria) - Seminar of Ecology – 2015 with international participation Proceedings, 23-24 April Sofia, Bulgaria, 62 p. https://80fb544f-645e-4a86-bbd9-505bf8716413.filesusr.com/ugd/16129b_6323da09f85e4feaa5b74d544b7e343d.pdf

147. Trajanovski, S., B. Gjoreska, S. Trajanovska, K. Zdraveski, T. Loshkoska. 2016. IBI Index application in assessment of the ecological status of Lake Ohrid tributaries. *International Scientific Journal: Micro Macro & Mezzo Geo Information*, Vol. 6, GEO SEE, 108-120; ISSN 1857-9000.
148. Stoianova D., N. Simov. 2016. New records of Aquatic True Bugs (Hemiptera: Heteroptera: Nepomorpha) from Bulgaria. - *Acta Zoologica Bulgarica*, 68 (4), 2016: 497- 502; ISSN 0324-0770 <https://www.acta-zoologica-bulgarica.eu/downloads/acta-zoologica-bulgarica/2016/68-4-497-502.pdf> (IF)
149. Teofilova, T. M., P. G. Pandakov. 2016. Survey of aquatic coleopterans of Bulgarka Natural Park (Central Stara Planina Mts., Bulgaria). - *Acta Zoologica Bulgarica*, 68 (3), 2016: 343-350; ISSN 0324-0770 <https://www.acta-zoologica-bulgarica.eu/downloads/acta-zoologica-bulgarica/2016/68-3-343-350.pdf> (IF)
150. Dashinov, D. .2017. New data on the Chironomidae (diptera) fauna from the upper Iskar river catchment (Bulgaria) – spatial distribution and ecological notes - *Ecological Engineering and Environment Protection*, IX, 2017, Suppl.1, p. 16-21 <http://ecoleng.org/archive/2017/5/16-21.pdf>
151. Langourov, M., Simov, N., Bekchiev, R., Chobanov, D., Antonova V., Dedov, I. 2018 Inventory of Selected Groups of Invertebrates in Sedge and Reedbeds not Associated with Open Waters in Bulgaria. *Acta zoologica Bulgarica*, 70 (4), 487-500; ISSN 0324-0770 <https://www.acta-zoologica-bulgarica.eu/downloads/acta-zoologica-bulgarica/2018/70-4-487-500.pdf> (IF)
152. Stoianova, D. 2023. Effects of Different Types of Agricultural Land Use on the Occurrence of Common Aquatic Bugs (Nepomorpha, Heteroptera) in Habitats with Slow Flowing Water in Bulgaria, Southeast Europe. *Diversity*, 15(2), 292 <https://doi.org/10.3390/d15020292> (IF)
153. Kirin D., B. Boyanov, N. Ilieva. 2013. Biodiversity and heavy metal pollutions in freshwater ecosystems in border areas from Tunja River. - *Zaštita materijala*, 54 (2):153-160; ISSN 0351-9465 <http://idk.org.rs/wp-content/uploads/2013/12/9DIANA.pdf>
154. Reiss M., P. Chiffard. 2015. Hydromorphology and Biodiversity in Headwaters – An Eco- Faunistic Substrate Preference Assessment in Forest Springs of the German Subdued Mountains.- In: *Biodiversity in Ecosystems - Linking Structure and Function*, Chapter: 10, Publisher: InTech, Yueh-Hsin Lo, Juan A. Blanco, Shovonlal Roy (Eds), 223-258, DOI: 10.5772/59072 (IF)
155. Doichev, D.D., Santander, P.J., Koynova, T.V., Petkov, M.S., Natchev, N.D. 2020. Assessment of the ecological status of "Dalgachka" river in its section within the protected site "Ovcharovo", (NE Bulgaria). *Ecologia Balkanica* 12 (1), 76-84 http://web.uni-plovdiv.bg/mollov/EB/2020_vol12_iss1/076-084_eb.20117.pdf (SJR)
156. Novaković B. B., Teofilova T. M., Pandakov P. G., Živić I. M. 2020. "New distributional records of rare riffle beetles (Coleoptera: Elmidae) from the Balkan Peninsula". *Archives of Biological Sciences*, 72(1): 129-135. (SJR)
157. Dedov, I., M. Taseva, D. Georgiev. 2021. *Bythinella vidinovae*—a new species (Mollusca: Gastropoda: Bythinellidae) from the Pirin Mountains, south-western Bulgaria. *Archiv fur Molluskenkunde*, Volume 150, Issue 2, Pages 107 - 110. DOI: [10.1127/arch.moll/150/107-110](https://doi.org/10.1127/arch.moll/150/107-110) (IF)
158. Georgiev, D., I. Dedov, M. Taseva. 2022. First discovery of a *Devetakia* species (Gastropoda: Hydrobiidae) from the Rhodopes Mountains, Bulgaria. *Historia naturalis bulgarica* 44 (1): 5–8 ISSN 2603-3186 (online) | ISSN 0205-3640 (print). DOI: [10.48027/hnb.44.012](https://doi.org/10.48027/hnb.44.012) (SJR)
159. Getachew, M., Mulat, W., Mereta, S., Gebrie, G., Kelly-Quinn, M. 2022. Refining benthic macroinvertebrate kick sampling protocol for wadeable rivers and streams in Ethiopia. - *Environmental Monitoring and Assessment*, 194(3) DOI: [10.1007/s10661-021-09594-x](https://doi.org/10.1007/s10661-021-09594-x), (IF)
160. Ludányi M., Peeters ETHM, Kiss B., Gáspár Á., Roessink I., Magura T., Müller Z. 2022. The current status of *Pacifastacus leniusculus* (Dana, 1852) and their effect on aquatic macroinvertebrate communities in Hungarian watercourses. *Aquatic Invasions* 17. https://www.reabic.net/aquaticinvasions/2022/ACCEPTED/AI_2022_Ludanyi_et_al_correctedproof.pdf (IF)
161. Haubrock, P.J., Soto, I., Kurtul, I. et al. Are long-term biomonitoring efforts overlooking crayfish in European rivers?. *Environ Sci Eur* 36, 70 (2024). <https://doi.org/10.1186/s12302-024-00877-x> - (IF)

162. McKinley, K., A. D. Tsaousis, S. Rückert. 2024. Description and prevalence of gregarines infecting the amphipod *Gammarus pulex*, in the Water of Leith, Scotland, UK. *European Journal of Protistology* DOI: [10.1016/j.ejop.2024.126084](https://doi.org/10.1016/j.ejop.2024.126084) (IF).

163. Doychev D. 2023. Longitudinal recovery gradient of macroinvertebrates during different hydrological scenarios in a downstream river reach. *Journal of Limnology*, 82, DOI: [10.4081/jlimnol.2023.2125](https://doi.org/10.4081/jlimnol.2023.2125), (IF).

SOUFI, R., VARADINOVA, E., MCGARRIGLE, M., KELLY-QUINN, M. 2015. Comparison of the performance of a quality rating system in two contrasting ecoregions. *Acta Zoologica Bulgarica*, 2015, 67(4), pp. 529–540

164. Rimcheska, B. & Y. Vidinova. 2020. Ecological Status Assessment of Mountain and Semi-mountain Streams in the Aegean Watershed: Applicability of Biotic Indices BMWP and ASPT Based on Macroinvertebrates. *Acta Zool. Bulg.*, 72 (1), 2020: 49-60 <https://acta-zoologica-bulgarica.eu/older-articles/002326.pdf> (IF).

VIDINOVA Y., TYUFEKCHIEVA, V., VARADINOVA, E., STOICHEV, S., KENDEROV, L., DEDOV, I., UZUNOV, Y. 2016. Taxonomic list of benthic macroinvertebrate communities of inland standing water bodies in Bulgaria. *Acta zoologica bulgarica*, 68, 2, 2016, ISSN:0324-0770, 147-158.

165. Ihtimanska, M., J. Ilkova, P. Michailova. 2018. Biodiversity of Family Chironomidae (Diptera) in Srebarna Lake (North-East Bulgaria) and Genome Instability of Some Species from Genus *Chironomus* Meigen, 1803. *Ecologia Balkanica*, 2018, Vol. 10, Issue 2 December 2018 pp. 41-53 http://web.uni-plovdiv.bg/mollov/EB/2018_vol10_iss2/041-053_eb.18109.pdf (SGR)

166. Stoianova, D. 2023. Effects of Different Types of Agricultural Land Use on the Occurrence of Common Aquatic Bugs (Nepomorpha, Heteroptera) in Habitats with Slow Flowing Water in Bulgaria, Southeast Europe. *Diversity*, 15(2), 292 <https://doi.org/10.3390/d15020292> (IF)

167. Zhushi E., F., Çadraku, H., Bytyçi, A., Kuçi, T., Desku, A., Ymeri, P., & Bytyçi, P. 2020. Correlation between physical and chemical parameters of water and biotic indices: The case study the White Drin River basin, Kosovo. *Journal of Water and Land Development*, 229–241. DOI: [10.24425/jwld.2020.134585](https://doi.org/10.24425/jwld.2020.134585) <http://yadda.icm.edu.pl/baztech/element/bwmeta1.element.baztech-b92db1d0-e42b-4144-b833-2de749586099> (SJR)

168. Gogaladze A., Son M. O., Lattuada M., Anistratenko V. V., Syomin V. L., Bianca Pavel A., Popa O. P., Popa L. O., ter Poorten J.-J., Biesmeijer J. C., Raes N., Wilke T., Sands A. F., Trichkova T., Hubenov Z. K., Vinarski M. V., Anistratenko O. Y., Alexenko T. L., Wesselingh F. P. 2021. Decline of unique Pontocaspian biodiversity in the Black Sea Basin: A review. *Ecology & Evolution* 11(19): 12923-12947 <https://onlinelibrary.wiley.com/doi/full/10.1002/ece3.8022> (IF)

169. Trichkova, T., Todorov, M., Kenderov, M., Hubenov, Z., Botev, I., Stefanov, T., Georgiev, D., Juraida, P. Invasive Alien Species of Benthic Macroinvertebrates and Fish in the Bulgarian Sector of the Danube River—Results of the Joint Danube Survey 4 (JDS4). *Water*, 14 (15):2299, DOI: [10.3390/w14152299](https://doi.org/10.3390/w14152299) (IF)

170. Karaman, G. S. 2022. First discovery of *Niphargus decui* g. Karaman & Sarbu 1995 (Crustacea, fam. Niphargidae) in Bulgaria, with remarks to its variability (contribution to the knowledge of the Amphipoda 328). *Agriculture and Forestry*, 68(4), 107-121, DOI: [10.17707/AgricultForest.68.4.09](https://doi.org/10.17707/AgricultForest.68.4.09) (SJR)

VARADINOVA E.D., L. Z. PECHLIVANOV, S. A. STOICHEV, Y. I. UZUNOV (2011) Recovering and Succession of the Species Diversity of Macrozoobenthos in Srebarna Biosphere Reserve (North-East Bulgaria) – *Acta Zool. Bulg.*, 63 (1): 85-95, ISSN: 0324-0770.

171. Vidović, M., M. N. Rodić, M. U. Vidović, I. S. Trajković, S. Z. Jovanić. 2015. Assessment of the Trophic Status by Monitoring of Reservoir's Water Quality - *Journal of Water Resource and Protection* Vol.07 No.01(2015), Article ID:53165,12 DOI: [10.4236/jwarp.2015.71001](https://doi.org/10.4236/jwarp.2015.71001)

172. Todorov, M., S. Grozeva, Z. Hubenov, L. Kenderov, T. Trichkova. 2016. Taxonomic status and distribution of medicinal leeches of the genus *Hirudo* L. (Hirudinea) in Bulgaria - *Acta Zool. Bulg.*, 68 (2), 2016: 171-182 <https://www.acta-zoologica-bulgarica.eu/downloads/acta-zoologica-bulgarica/2016/68-2-171-182.pdf> (IF)
173. Ihtimanska, M., J. Ilkova, P. Michailova. 2018. Biodiversity of Family Chironomidae (Diptera) in Srebarna Lake (North-East Bulgaria) and Genome Instability of Some Species from Genus *Chironomus* Meigen, 1803 – *Ecologia Balkanica*, 2018, 10, 2:41-53, http://web.uni-plovdiv.bg/mollov/EB/2018_vol10_iss2/041-053_eb.18109.pdf (SGR)
174. Stoianova, D. 2018. It is raining bugs: summer dispersal of aquatic bugs (Hemiptera, Heteroptera: Nepomorpha) in Srebarna Nature Reserve (Bulgaria). *Historia naturalis bulgarica* 27: 41–50, ISSN 0205-3640 (print) | ISSN 2603-3186 (online) <https://www.nmnh.com/historia-naturalis-bulgarica/pdfs/000422000272018.pdf>
175. Bechev D., Kazandzhieva S. 2018. Distribution of freshwater Decapoda (Crustacea: Malacostraca) in Bulgaria. *ZooNotes*, Supplement 6: 1-31. - http://www.zoonotes.bio.uni-plovdiv.bg/Supplements/ZooNotes_Suppl%206_CrustaceaBG_PDFa.pdf
176. Shukerova, S. & D. Kirin. 2019. Helminth Communities of Roach *Rutilus rutilus* (L., 1758) (Cypriniformes: Cyprinidae) from Srebarna Biosphere Reserve, Bulgaria - *Acta Zool. Bulg.*, 71 (2), 2019: 285-292 <https://www.acta-zoologica-bulgarica.eu/downloads/acta-zoologica-bulgarica/2019/71-2-285-292.pdf> (IF)
177. Trichkova, T., Todorov, M., Georgiev, D., Hubenov, Z. 2019. Species composition and distribution of mollusca (gastropoda and bivalvia) in the bulgarian sector of the danube river and the adjacent wetlands (Book Chapter) . *Biodiversity of the Bulgarian-Romanian Section of the Lower Danube*, pp. 29-71
178. Hubenov, Z. 2021. Species composition and distribution of the dipterans (Insecta: Diptera) in Bulgaria. Pensoft Publishers and National Museum of Natural History, Sofia, e-book in English, 276 pp <https://doi.org/10.3897/ab.e68616>

ИВАНОВА, Н., ГЕОРГИЕВ, В., ГУСЕВ, Ч., ЦОНЕВА, С., **ВАРАДИНОВА, Е.**, ФИКОВА, Р. 2017. Оценка на състоянието на екосистеми тип „вътрешни влажни зони“ В: Иванова, Н. (ред.). *Картиране и оценка на екосистемните услуги във вътрешни влажни зони в България*, 38-62, ИБЕИ БАН, София.

179. Ihtimanska, M.K., Ilkova, J.S., Michailova, P.V. 2018. Biodiversity of family Chironomidae (Diptera) in Srebarna Lake (North-East Bulgaria) and genome instability of some species from genus *Chironomus* Meigen, 1803. - *Ecologia Balkanica*, 10, 2:41-53, http://web.uni-plovdiv.bg/mollov/EB/2018_vol10_iss2/041-053_eb.18109.pdf (SGR)

VARADINOVA, E., L. PEHLIVANOV, G. MOSKOVA, Y. UZUNOV. 2009. Development and actual state of the macrozoobenthic fauna in the Srebarna Biosphere Reserve (North-East Bulgaria). – *Comptes rendus de l'Academie Bulgare des Sciences*, t. 62, № 2: 243-248.

180. Kazakov, S., Kerakova, M., Ihtimanska. 2014. Ecological Status of Shallow Lakes in the Bulgarian Danube River Floodplain According to the ECOFRAME Approach: Testing a System for Integrated Ecological Quality Assessment. *Acta Zool. Bulg. Suppl.* 7, 191-196 <https://www.acta-zoologica-bulgarica.eu/downloads/acta-zoologica-bulgarica/2014/supplement-7-191-196.pdf> (IF)
181. Todorov, M., S. Grozeva, Z. Hubenov, L. Kenderov, T. Trichkova. 2016. Taxonomic status and distribution of medicinal leeches of the genus *Hirudo* L. (Hirudinea) in Bulgaria - *Acta Zool. Bulg.*, 68 (2), 2016: 171-182 <https://www.acta-zoologica-bulgarica.eu/downloads/acta-zoologica-bulgarica/2016/68-2-171-182.pdf> (IF)
182. Pehlivanov, L., A. Apostolou¹ & G. Wolfram. 2017. Development of Bulgarian Fish Based Index for Ecological Classification and Monitoring of Natural Riparian Lakes (Type L5/L-EC-1). *Acta Zool. Bulg., Suppl.* 8, 2017: 153-162 <https://www.acta-zoologica-bulgarica.eu/downloads/acta-zoologica-bulgarica/2017/supplement-8-153-162.pdf> (IF)

183. Shukerova, S. & D. Kirin. 2019. Helminth Communities of Roach *Rutilus rutilus* (L., 1758) (Cypriniformes: Cyprinidae) from Srebarna Biosphere Reserve, Bulgaria. *Acta Zool. Bulg.*, 71 (2), 2019: 285-292 <https://www.acta-zoologica-bulgarica.eu/downloads/acta-zoologica-bulgarica/2019/71-2-285-292.pdf> (IF)

BORISOVA P, **VARADINOVA E**, UZUNOV, Y. 2013. Contemporary state of the bottom invertebrate communities of the Tundzha River basin (South-East Bulgaria). *Acta Zoologica Bulgarica* 65(1): 75-87

184. Rimcheska, B. V. Slavevska-Stamenković, Halil Ibrahimi, Stoe Smiljkov, Milica Ristovska, Momir Paunović. 2015. First Record of the Genus *Helicopsyche* von Siebold, 1856 (Trichoptera: Helicopsychidae) from the Republic of Macedonia. *Acta Zool. Bulg.*, 67 (3), 2015: 443-446 <https://www.acta-zoologica-bulgarica.eu/downloads/acta-zoologica-bulgarica/2015/67-3-443-446.pdf> (IF)
185. Manenti, R., Bianchi, B. 2014. Distribution of the triclad *Polycelis felina* (Planariidae) in Aezkoja mountains: Effect of stream biotic features. *Acta Zool. Bulg.* 66 (2). 271-275 <https://www.acta-zoologica-bulgarica.eu/downloads/acta-zoologica-bulgarica/2014/66-2-271-275.pdf> (IF)
186. Bulánková, E., J. Špaček, P., Beracko, I. Kokavec. 2019. Distribution and ecological preferences of the species of the family Athericidae in three hydrobiological ecoregions of Central Europe. *Biologia*, 2019, 74 (9) 1149–1161 | <https://doi.org/10.2478/s11756-019-00244-9> (IF)
187. Hubenov, Z. 2021. Species composition and distribution of the dipterans (Insecta: Diptera) in Bulgaria. — Pensoft and National Museum of Natural History, Sofia, 276 pp. [doi:10.3897/ab.e68616](https://doi.org/10.3897/ab.e68616)
188. Stoianova, D. 2023. Effects of Different Types of Agricultural Land Use on the Occurrence of Common Aquatic Bugs (Nepomorpha, Heteroptera) in Habitats with Slow Flowing Water in Bulgaria, Southeast Europe. *Diversity*, 15(2), 292 (IF)

PAVLOVA M., PEHLIVANOV L., KAZAKOV S., **VARADINOVA E.**, VIDINOVA Y., TYUFEKCHIEVA & UZUNOV Y. 2012. Changes in the aquatic communities in the Rhodopes Mountain landslide lakes (South Bulgaria) for the last 40 years. I. Taxonomic composition of macrozoobenthos, zooplankton and fish communities. *Acta zoologica bulgarica*, Supplementum 4 : 187-195

189. Hubenov, Z. 2021. Species composition and distribution of the dipterans (Insecta: Diptera) in Bulgaria. Pensoft and National Museum of Natural History, Sofia, 276 pp. [doi:10.3897/ab.e68616](https://doi.org/10.3897/ab.e68616)

KERAKOVA, M., Y. UZUNOV, **E. VARADINOVA**. 2017. Comparison of Trophic Structure of the Benthic Macroinvertebrates in Three Bulgarian Riverine Water Bodies – Turkish Journal of Zoology, 41(2):267-277 - <http://journals.tubitak.gov.tr/zoology/issues/zoo-17-41-2/zoo-41-2-8-1510-62.pdf>

190. Nnoli, H., R. Kyerematen, S. Adu-Acheampong, J. Hynes. 2019. Change in aquatic insect abundance: Evidence of climate and land-use change within the Pawmpawm River in Southern Ghana. *Gogent Environmental Science*, 5, 1:1594511, <https://doi.org/10.1080/23311843.2019.1594511> (SJR)

GECHIEVA, G., **E. VARADINOVA**, D. BELKINOVA, S. MIHOV, G. GYUZELEV & Y. G. HRISTEVA (2017) Ecological Status Assessment of a Hypersaline Lake: a Case Study of Atanasovsko Lake, Bulgaria, *Acta zoologica bulgarica*, Suppl., 8:145-151

191. Chassovnikarova, T.G., Stojanova, A. 2017. Second international conference on zoology and zoonoses: An overview of topics and contributions. - *Acta Zool. Bulg.* 69: 3-8 - <http://www.acta-zoologica-bulgarica.eu/downloads/acta-zoologica-bulgarica/2017/supplement-8-3-8.pdf> (IF)

192. Romero, I. Pachés, M. , Martínez-Guijarro, R. 2019. Selection of an indicator to assess a highly modified saline ecosystem - Science of the Total Environment, 693:133656, <https://doi.org/10.1016/j.scitotenv.2019.133656> (IF)
193. Ghazilou Amir, Kor Kamalodin, Ershadifar Hamid, Kouchaknejad Emad, Oladi Mahshid. 2020. Environmental correlates of plankton assemblages in a hypersaline lagoon (Lipar Lagoon, northern Gulf of Oman) Environmental science, 17 , 4 ;107-120 - https://www.researchgate.net/publication/338342990_Environmental_correlates_of_plankton_assemblages_in_a_hypersaline_lagoon_Lipar_Lagoon_northern_Gulf_of_Oman/references
194. Melese H, Debella HJ. Comparative study on seasonal variations in physico-chemical characteristics of four soda lakes of Ethiopia (Arenguade, Beseka, Chitu and Shala). Heliyon. 2023 May 18;9(5):e16308. doi: 10.1016/j.heliyon.2023.e16308. (IF)

VARADINOVA, E. & M. KERAKOVA, 2018. Trophic structure of the riverine macroinvertebrates in type-specific reference conditions. Acta Zoologica Bulgarica Suppl. 12: 101–108.

195. Rimcheska, B., Vidinova, Y. 2023. Diversity and structure of macroinvertebrate communities in permanent small streams and rivers in Eastern Balkans. Hydrobiologia 850, 3341–3357. <https://doi.org/10.1007/s10750-022-05004-6> (IF)
196. Edegbene, A.O., Akamagwuna, F.C., Arimoro, F.O. et al. 2022. Effects of urban-agricultural land-use on Afrotropical macroinvertebrate functional feeding groups in selected rivers in the Niger Delta Region, Nigeria. Hydrobiologia. <https://doi.org/10.1007/s10750-022-05034-0> (IF)

DAMYANOVA, S., VARADINOVA, E. 2018. Ecological status assessment of Batova River (Bulgaria). Ecologia Balkanica, 2018, 10(2), pp. 149–154

197. Doichev, D.D., Santander, P.J., Koynova, T.V., Petkov, M.S., Natchev, N.D. 2020. Assessment of the ecological status of "Dalgachka" river in its section within the protected site "Ovcharovo", (NE Bulgaria). Ecologia Balkanica 12 (1), 76-84 http://web.uni-plovdiv.bg/mollov/EB/2020_vol12_iss1/076-084_eb.20117.pdf (SJR)
198. Gartsyanova, K.; Genchev, S.; Kitev, A. Assessment of Water Quality as a Key Component in the Water–Energy–Food Nexus. Hydrology 2024, 11, 36. <https://doi.org/10.3390/hydrology11030036> (IF)

STOIANOVA, D., V. EVTIMOVA, L. KENDEROV, E. VARADINOVA, M. KERAKOVA, M. IHTIMANSKA, T. STEFANOV, R. SOUFI, V. TYUFEKCHIEVA, Y. VIDINOVA & N. SIMOV. 2018. New Localities and Habitat Suitability Modeling for the Riverine Water Bug *Aphelocheirus aestivalis* (Fabricius, 1794), Heteroptera: Aphelocheiridae, in Northern and Eastern Bulgaria. – Acta zoologica bulgarica, 70, 3:415-431, ISSN 0324-0770

199. Kaczmarczyk-Ziemia, A. Rapid development of 56 novel microsatellite markers for the benthic freshwater bug *Aphelocheirus aestivalis* using Illumina paired-end sequencing data and M13-tailed primers. Molecular Biology Reports, 2020, 47, 9995–10003. DOI: [10.1007/s11033-020-05974-7](https://doi.org/10.1007/s11033-020-05974-7) - <https://pubmed.ncbi.nlm.nih.gov/33247800/> (IF)
200. Roca-Cusachs, M., Goula, M., Múrria, C., Fortuño, P., Jiménez, L., Sellarès, N., Ordeix, M., Prat, N. 2019. "New evidences on the presence of *Aphelocheirus aestivalis* in the Iberian Peninsula, its ecology and description of two northeastern Iberian populations". Limnetica, 39(1): 155-167- DOI: 10.23818/limn.39.11 <https://www.webofscience.com/wos/woscc/full-record/WOS:000509685900012> (IF)
201. Minchin, D., & Boelens, R. (2020). The hemipteran *Aphelocheirus aestivalis* (Fabricius, 1794) (Insecta: Hemiptera) from Lough Derg. The Irish Naturalists' Journal, 37(1), 43–46. <https://www.jstor.org/stable/48655161>
202. Dzavi, J., Menbohan, S.F., Mboye, B.R., Pianta, L.T., Tchizé, A.G.N., Nouazi, A.L.T., à Ngon, E.B.B., Takem, G.E. 2021. "Preliminary Study on Water Quality and Heteropterans Diversity in a Semi-Urban Stream (Central

Region of Cameroon)". Indonesian Journal of Social and Environmental Issues (IJSEI), 2(2):86-97 <https://doi.org/10.47540/ijsei.v2i2.191>

- UZUNOV Y., B.B. GEORGIEV, **E. VARADINOVA**, N. IVANOVA, L. PEHLIVANOV, V. VASILEV (Eds.). 2012. Ecosystems of the Biosphere Reserve Srebarna Lake. Sofia, Professor Marin Drinov Academic Publishing House, 218 pp.
203. Bechev D., Kazandzhieva S. 2018. Distribution of freshwater Decapoda (Crustacea: Malacostraca) in Bulgaria. ZooNotes, Supplement 6: 1-31. - http://www.zoonotes.bio.uni-plovdiv.bg/Supplements/ZooNotes_Suppl%206_CrustaceaBG_PDFa.pdf
204. Gecheva, G., D. Belkinova, Y. Hristeva, R. Mladenov, P. Stoyanov. 2019. Phytoplankton and Macrophytes in Bulgarian Standing Water Bodies. – Ecologia Balkanica, Specia edition 2, 45-61, http://web.uni-plovdiv.bg/mollov/EB/2019_SE2/045-061Eb.19SE213.pdf (**SJR**)

SAKELARIEVA L. & **E. VARADINOVA**. 2013. Water Quality and Ecological State Assessment of the Blagoevgradska Bistritsa River (South-West Bulgaria) Based on acrozoobenthos collected by Two Standardized Sampling Methods. Biotechnol. & Biotechnol. Equipment, 27 (3), 3787 – 3790, ISSN 1310-2818.

205. Mutlu, E., B. Kutlu, T. Demir, T. Yanik. 2018. Assessment of metal concentrations and physicochemical parameters in the waters of Lake Tecer. Kastamonu Univ., Orman Fakültesi Dergisi, 2018, 18 (1): 1-10, Kastamonu Univ., Journal of Forestry Faculty. [Doi: 10.17475/kastorman.302185](https://doi.org/10.17475/kastorman.302185)
206. Procopiuck, M., Rosa, A., Bollmann, H.A., de Moura, E.N. 2020. Socially evaluated impacts on a technologically transformed urban river. - Environmental Impact Assessment Review 84, 106442, <https://doi.org/10.1016/j.eiar.2020.106442> (**IF**)
207. Croijmans, L., J F De Jong, & H H T Prins. 2021. Oxygen is a better predictor of macroinvertebrate richness than temperature – a systematic review. Environ. Res. Lett. 16 023002 [DOI 10.1088/1748-9326/ab9b42](https://doi.org/10.1088/1748-9326/ab9b42) (**SJR**)

CHESHMEDJIEV, S., G. GECHEVA, D. BELKINOVA, **E. VARADINOVA**, I. DIMITROVA-DYULGEROVA, R. MLADENOV, R. SOUFI, M. PAVLOVA, L. PEHLIVANOV. 2013. Assessment of ecological status and preliminary results of reference conditions in alpine glacial lakes (Bulgaria) – a contribution to the implementation of the Water Framework Directive. – J. Biotechnol. & Biotechnol. Equipm. 27 (1): 3522-3528 [DOI: 10.5504/BBEQ.2012.0102]

208. Stoyneva-Gärtner, M. P., Descy, J.-P., Latli, A., Uzunov, B. A., Pavlova, V. T., Bratanova, Z., Babica, P., Maršálek, B., Meriluoto, J., & Spoof, L. 2017. Assessment of cyanoprokaryote blooms and of cyanotoxins in Bulgaria in a 15-years period (2000-2015). Advances in Oceanography and Limnology, 8(1). <https://doi.org/10.4081/aiol.2017.6320> (**SJR**)
209. Brunton, D.F., Sokoloff, P.C., Aymerich, P. 2020. The taxonomy, status and origin of *Isoetes ×brochonii* and *I. creussensis* (Isoetaceae), two Pyrenean endemic taxa. - Botany Letters, pp. 1-18, <https://doi.org/10.1080/23818107.2020.1790034> (**IF**)
210. Taş, B. & Şişman H. E. 2020. Assessment of algal diversity and hydrobiological preliminary results in a high-mountain lake (Karagöl Lake, Giresun Mountains, Turkey). Review of Hydrobiology, 13, 1-2, 11-38. (PDF) Impacts of a Garbage Disposal Facility on the Water Quality of Çavuşlu Stream in Giresun, Turkey: A Health Risk Assessment Study by a Validated ICP-MS Assay - <http://www.reviewofhydrobiology.org/page/journal.asp?v=13&i=1>
211. Gogaladze A., Son M. O., Lattuada M., Anistratenko V. V., Syomin V. L., Bianca Pavel A., Popa O. P., Popa L. O., ter Poorten J.-J., Biesmeijer J. C., Raes N., Wilke T., Sands A. F., Trichkova T., Hubenov Z. K., Vinarski M. V., Anistratenko O. Y., Alexenko T. L., Wesselingh F. P. 2021. Decline of unique Pontocaspian biodiversity

- in the Black Sea Basin: A review. *Ecology & Evolution* 11(19): 12923-12947. <https://doi.org/10.1002/ece3.8022> (IF)
212. Bai, X., Jiang, Z., Fang, Y., Zhu, L., Feng, J. 2022. Effects of Environmental Concentrations of Total Phosphorus on the Plankton Community Structure and Function in a Microcosm Study. *International Journal of Environmental Research and Public Health*. 19(14),8412, DOI: 10.3390/ijerph19148412 (SJR)
213. Chunchukova, M., D. Kirin. 2020. Ecological studies of eurasian minnow for evaluation of the condition of glacial lake Bezbug in Pirin mountain, Bulgaria. *International May Conference on Strategic Management – IMCSM20* September 25 - 27, 2020, Bor, Serbia 458 Volume XVI, Issue (1) (2020) 458-464 - <https://drive.google.com/file/d/1xn1m0GaZ8bFU-es0sii7iRnYwE0uMYFr/view?pli=1>
- VARADINOVA ED, KERA KOVA MY, IHTIMANSKA MK, SOUFI RA. 2019. TROPHIC STRUCTURE OF MACROZOOBENTHOS AND ASSESSMENT OF ECOLOGICAL STATUS OF LAKES AND RESERVOIRS IN BULGARIA. ACTA ZOOL BULG 71(1): 113-120.**
214. Wakhid, Rauf A, Krisanti., M, Sumertajaya IM, Maryana N. 2020. Aquatic insect assemblages in four urban lakes of Bogor, West Java, Indonesia. *Biodiversitas* 21:3047-3056. <https://pdfs.semanticscholar.org/ad6e/5fa34d37b43cf8a7c4f0f72a7312c9c42749.pdf> (SJR)
- KERA KOVA, M., & E. VARADINOVA. 2020. Influence of the river bottom substrate and sediment organic component on the macrozoobenthos functional feeding groups, *Comptes rendus de l'Académie bulgare des Sciences*, 73:1, 66-72, ISSN:ISSN:1310-1331.
215. Kladarić, L., Čuk, R., Dukić, I., Popijač, A. & Marinović Ruždjak, A. 2021: Can Ephemeroptera, Plecoptera, Trichoptera (EPT) assemblage reflect nitrogen and phosphorus load in the riverine ecosystem? *Nat. Croat.*, Vol. 30, No. 1, 217–230 DOI: 10.20302/NC.2021.30.13 (SJR)
216. Zhang, X.; Li, Weiming. Li W.; Zhang, Kun, Xiong, Weiwei; Chen, Shengsheng; Liu, Zijian. 2022. Spatiotemporal distribution of macroinvertebrate functional feeding groups in Qiaobian River, a tributary of Yangtze River in Yichang. *Shengtai Xuebao*. 42 (7), 2559 – 2570 https://www.ecologica.cn/html/2022/7/stxb202107061806.htm#outline_anchor_2 (SJR)
- UZUNOV, Y., L. PEHLIVANOV, B. GEORGIEV & E. VARADINOVA (EDS), 2013. MESTA RIVER: BIOLOGICAL QUALITY ELEMENTS AND ECOLOGICAL STATUS. PROF MARIN DRINOV ACAD PUB HOUSE, SOFIA, 136.
217. Rimcheska, B., Vidinova, Y. Diversity and structure of macroinvertebrate communities in permanent small streams and rivers in Eastern Balkans. *Hydrobiologia* 850, 3341–3357 (2023). <https://doi.org/10.1007/s10750-022-05004-6> (IF)
- VARADINOVA, E., KERA KOVA, M., AND UZUNOV, Y.I., The trophic structure of the macrozoobenthos, in Mesta River: Biological Quality Elements & Ecological Status, In: Uzunov Y., L. Pehlivanov, B. B. Georgiev, E. Varadinova (Editors) 2013. Mesta River: Biological Quality Elements and Ecological Status. Sofia, Professor Marin Drinov Academic Publishing House, vi+136, pp 97–123.**
218. Semenchenko, V.P. and M. D. Moroz. 2021. Species and Trophic Structure of Macrozoobenthos Community in Different Types of Littoral Zones in a Mesotrophic Lake. *Contemporary Problems of Ecology*, 14, No. 1, pp. 20–26. © Pleiades Publishing, Ltd., 2021 ISSN 1995-4255 <https://link.springer.com/article/10.1134/S1995425521010066> (IF)

- UZUNOV Y., **VARADINOVA E.** YANEVA I., STOICHEV S., VIDINOVA Y. & KUMANSKI K. 2011. Long-term changes of the bottom Invertebrate fauna of the Mesta River in Southwestern Bulgaria. *Annuaire de l'Université de Sofia „St. Kliment Ohridski”, Faculte de Biologie* 99 (1 – Zoology): 33-52.
219. Hubenov, Z. 2021. Species composition and distribution of the dipterans (Insecta: Diptera) in Bulgaria. Pensoft Publishers and National Museum of Natural History, Sofia, e-book in English, 276 pp <https://doi.org/10.3897/ab.e68616>
- VARADINOVA E.**, KERAKOVA M., ALEXANDROVA M., SOUFI R., STOICHEV S., VIDINOVA Y., TYUFEKCHIEVA V. & UZUNOV Y. 2013. Bottom Invertebrate communities (the macrozoobenthos): Key biological quality element for ecological classification of the Mesta River basin. In: Uzunov Y., Pehlivanov L., Georgiev B. & Varadinova E. (Eds.). *Mesta River: Biological quality elements and ecological status*. Sofia, Professor Marin Drinov Academic Publishing House. pp 61-96.
220. Todorov, M., S. Grozeva, Z. Hubenov, L. Kenderov, T. Trichkova. 2016. Taxonomic status and distribution of medicinal leeches of the genus *Hirudo* L. (Hirudinea) in Bulgaria - *Acta Zool. Bulg.*, 68 (2), 2016: 171-182 <https://www.acta-zoologica-bulgarica.eu/downloads/acta-zoologica-bulgarica/2016/68-2-171-182.pdf> (IF)
221. Stoianova D., N. Simov. 2016. New records of Aquatic True Bugs (Hemiptera: Heteroptera: Nepomorpha) from Bulgaria. - *Acta Zool. Bulg.*, 68 (4), 2016: 497- 502; ISSN 0324-0770 <https://www.acta-zoologica-bulgarica.eu/downloads/acta-zoologica-bulgarica/2016/68-4-497-502.pdf> (IF)
222. Hubenov, Z. 2021. Species composition and distribution of the dipterans (Insecta: Diptera) in Bulgaria. Pensoft Publishers and National Museum of Natural History, Sofia, e-book in English, 276 pp <https://doi.org/10.3897/ab.e68616>
- PARK, J., L. SAKELARIEVA, **E. VARADINOVA**, V. EVTIMOVA, Y. VIDINOVA, V. TYUFEKCHIEVA, G. GEORGIEVA, M. IHTIMANSKA, M. TODOROV (2023) Taxonomic Composition and Dominant Structure of the Macrozoobenthos in the Maritsa River and Some Tributaries, South Bulgaria. *Acta zoologica bulgarica*, Suppl. 16. 2023, 63-74.
223. Stoianova, D. 2023. Effects of Different Types of Agricultural Land Use on the Occurrence of Common Aquatic Bugs (Nepomorpha, Heteroptera) in Habitats with Slow Flowing Water in Bulgaria, Southeast Europe. *Diversity*, 15(2), 292 (IF)
- VARADINOVA, E.**, L. SAKELARIEVA, J. PARK, M. IVANOV, V. TYUFEKCHIEVA. 2022. Characterisation of Macroinvertebrate Communities in Maritsa River (South Bulgaria) - Relation to Different Environmental Factors and Ecological Status Assessment. *Diversity* 2022, 14(10), 833. <https://doi.org/10.3390/d14100833>
224. Kılçık, F. & S. T. Özkan. 2023. Macrozoobenthic Fauna of Demre Stream (Antalya, Türkiye) Demre Çayı (Antalya) Makrozoobentik Faunası. - *Acta Aquatica Turcica* – DOI: 10.22392/actaquatr.1295334
225. Tszedel, M., A. Kruk, G. Tończyk, 2024. The role of macroinvertebrate taxonomic resolution in bioassessment of urban streams: A case study from the City of Lodz, Poland, *Ecohydrology & Hydrobiology*, ISSN 1642-3593, <https://doi.org/10.1016/j.ecohyd.2024.01.009>. (IF)
- RIMCHESKA, B., Y. VIDINOVA, **E. VARADINOVA**. 2022. Trophic Structure of Macrozoobenthos in Permanent Streams in the Eastern Balkans, *Diversity*, 14(12), 1121, <https://doi.org/10.3390/d14121121>

226. El Yaagoubi S, El Alami M, Harrak R, Azmizem A, Ikssi M, Aoulad Mansour MR. Assessment of functional feeding groups (FFG) structure of aquatic insects in North- western Rif - Morocco. *Biodivers Data J.* 2023 Jun 14;11:e104218. PMID: 37362316; PMCID: PMC10285496. DOI: [10.3897/BDJ.11.e104218](https://doi.org/10.3897/BDJ.11.e104218) (IF)

GECHEVA, G, D. BELKINOVA, **E. VARADINOVA**. 2020. Phytoplankton, Macrophytes and Macroinvertebrates in Reservoirs: Response to Eutrophication, *Ecologia Balkanica*, 12,2 :153-164

227. Dochin, K. 2023. Using phytoplankton as a tool for evaluating changes in the ecological status of two Bulgarian reservoirs (2020-2021). *Bulgarian Journal of Agricultural Science* 29(2):252-261 https://journal.agrojournal.org/page/en/details.php?article_id=4213 (SJR)
228. Etisa, D., D. Kifle, T. Fetahi. 2024. Phytoplankton functional dynamics in relation to some physicochemical parameters in Lake Kuriftu (Oromia, Ethiopia), *Algal Research*, 79, 103462, ISSN 2211-9264, <https://doi.org/10.1016/j.algal.2024.103462>. (IF)

ЗИДАРОВА Р., М. СТОЙНЕВА, Б. УЗУНОВ, М. КЕРАКОВА, **Е. ВАРАДИНОВА**. 2011. Ново находище на *Hildenbrandia rivularis* (Liebm.) J. Ag. (Rhodophyta) в България - VII Национална конференция по ботаника, 29-30 септември 2011, София, 261-264

229. Jakubas-Krzak, E., Gąbka, M., Panek, P., W. A. Kowalski, W., Lisek, D., Smoczyk, M., & Rybak, A. S. (2023). The red alga *Hildenbrandia rivularis* is a weak indicator of the good ecological status of riverine habitats. *Ecological Indicators*, 147, 1–18. <https://doi.org/10.1016/j.ecolind.2023.109918> (IF)

HAASE P., D.E. BOWLER, N.J. BAKER, N. BONADA, S. DOMISCH, J.R.G. MARQUEZ, J. HEINO, D. HERING, S.C. JÄHNIG, A. SCHMIDT-KLOIBER, R. STUBBINGTON, F. ALTERMATT, M. ÁLVAREZ-CABRIA, G. AMATULLI, D. ANGELER, G. ARCHAMBAUD-SUARD, I. ARRATE JORRÍN, T. ASPIN, I. AZPIROZ, I. BAÑARES, J. BARQUÍN ORTIZ, C.L. BODIN, L. BONACINA, R. BOTTARIN, M. CANEDO-ARGUELLES, Z. CSABAI, T. DATRY, E. DE EYTO, A. DOHET, G. DÖRFLINGER, E. DROHAN, K.A. EIKLAND, J. ENGLAND, T.E. ERIKSEN, V. EVTIMOVA, M.J. FEIO, M. FERRÉOL, M. FLOURY, M. FORCELLINI, M. EURIE FORIO, R. FORNAROLI, N. FRIBERG, J.-F. FRUGET, G. GEORGIEVA, P. GOETHALS, M.A.S. GRAÇA, W. GRAF, A. HOUSE, K.-L. HUTTUNEN, T.C. JENSEN, R.K. JOHNSON, J.I. JONES, J. KIESEL, L. KUGLEROVÁ, A. LARRANAGA, P. LEITNER, L. L'HOSTE, M.-H. LIZÉE, A.W. LORENZ, A. MAIRE, J.A. MANZANOS ARNAIZ, B.G. MCKIE, A. MILLÁN, D. MONTEITH, T. MUOTKA, J.F. MURPHY, D. OZOLINS, R. PAAVOLA, P. PARIL, F.J. PEÑAS, F. PILOTTO, M. POLÁŠEK, J. JESSEN RASMUSSEN, M. RUBIO, D. SÁNCHEZ-FERNÁNDEZ, L. SANDIN, R.B. SCHÄFER, A. SCOTTI, L.Q. SHEN, A. SKUJA, S. STOLL, M. STRAKA, H. TIMM, V.G. TYUFEKCHIEVA, I. TZIORTZIS, Y. UZUNOV, G:H. VAN DER LEE, R. VANNEVEL, **E. VARADINOVA**, G. VARBIRO, G. VELLE, P.F.M. VERDONSCHOT, R.C.M. VERDONSCHOT, Y. VIDINOVA, P. WIBERG-LARSEN, E.A.R. WELTI (2023). The recovery of European freshwater biodiversity has come to a halt. *Nature* (2023). <https://doi.org/10.1038/s41586-023-06400-1>, <https://www.nature.com/articles/s41586-023-06400-1>

230. Bosson, J.B., Huss, M., Cauvy-Fraunié, S. Cauvy-Fraunié, Sophie, Clement, Jean-Christophe, Costes, G., Fischer, Mauro, Poulenard, Jérôme, Arthaud, F. 2023. Future emergence of new ecosystems caused by glacial retreat. *Nature* 620, 562–569 <https://doi.org/10.1038/s41586-023-06302-2> (IF)

231. Vaughan, I. P. 2023. European river recovery might have run out of steam. *Nature* 620(7974) DOI: [10.1038/d41586-023-02488-7](https://doi.org/10.1038/d41586-023-02488-7) (IF)
232. Chakravarti, A., Patel, D.J. Atypical bacterial Argonautes regulate antiphage defense. *Cell Res* 33, 655–656 (2023). <https://doi.org/10.1038/s41422-023-00862-8> (IF)
233. Toutain M, Soto I, Rasmussen JJ, Csabai Z, Várbiro G, Murphy JF, Balzani P, Kouba A, Renault D, Haubrock PJ. 2023. Tracking long-term shifts in non-native freshwater macroinvertebrates across three European countries. *Sci Total Environ.* 26, 167402. doi: [10.1016/j.scitotenv.2023.167402](https://doi.org/10.1016/j.scitotenv.2023.167402). (IF)
234. Markert, N., B. Guhl, Ch. K. Feld. 2024. Water quality deterioration remains a major stressor for macroinvertebrate, diatom and fish communities in German rivers, *Science of The Total Environment*, 907, 167994, ISSN 0048-9697, <https://doi.org/10.1016/j.scitotenv.2023.167994>. (IF).
235. Qu, Y., V. Keller, N. Bachiller-Jareno, M. Eastman, F. Edwards, M. D. Jürgens, J. P. Sumpter, A. C. Johnson. 2023. Significant improvement in freshwater invertebrate biodiversity in all types of English rivers over the past 30 years, *Science of The Total Environment*, 905, 167144, ISSN 0048-9697, <https://doi.org/10.1016/j.scitotenv.2023.167144>. (IF)
236. Larsen S., Joyce F., Vaughan I. P., Durance I., Walter J. A., Ormerod S. J. 2023. Climatic effects on the synchrony and stability of temperate headwater invertebrates over four decades. *Global Change Biology*, 00, e17017. <https://onlinelibrary.wiley.com/doi/full/10.1111/gcb.17017> (IF)
237. de Guzman I., Elozegi A., von Schiller D., González J.M., Paz L.E., Gauzens B., Brose U., Antón A., Olarte N., Montoya J.M., Larrañaga A. 2023. Treated and highly diluted, but wastewater still impacts diversity and energy fluxes of freshwater food webs. *Journal of Environmental Management*, 345:118510 <https://doi.org/10.1016/j.jenvman.2023.118510> (IF)
238. Sandström S., Lannergård E.E., Futter M.N., Djodjic F. 2024. Water quality in a large complex catchment: Significant effects of land use and soil type but limited ability to detect trends. *Journal of Environmental Management*, 349:119500 DOI: [10.1016/j.jenvman.2023.119500](https://doi.org/10.1016/j.jenvman.2023.119500) (IF)
239. Maznikova VN, Ormerod SJ, Gómez-Serrano MÁ. "Birds as bioindicators of river pollution and beyond: specific and general lessons from an apex predator". *Ecological Indicators*. 2024 Jan 1;158:111366 <https://doi.org/10.1016/j.ecolind.2023.111366> (IF)
240. Liang R., Maltby L. 2024. Spatial variation in the recovery potential of freshwater macroinvertebrate assemblages: Moving towards spatially defined assemblage vulnerability to chemicals. *The Science of The Total Environment*, 909:168402 <https://doi.org/10.1016/j.scitotenv.2023.168402> (IF)
241. Zhang, Y., Huang, D., Jin, X. et al. 2024. Long-term wetland biomonitoring highlights the differential impact of land use on macroinvertebrate diversity in Dongting Lake in China. *Commun Earth Environ* 5, 32 (2024). <https://doi.org/10.1038/s43247-024-01203-2> (IF)
242. Majaneva, M., Sundt-Hansen, L.E., Brandsegg, H. et al. 2024. Comparing methods and indices for biodiversity and status assessment in a hydropower-regulated river. *Hydrobiologia* (2024). <https://doi.org/10.1007/s10750-023-05448-4> (IF)
243. Edegbene, A. O., † N. Yilmaz & F. Akamagwuna. 2024. Biomonitoring freshwater ecosystems health in a changing world: the significance of socio-ecological approaches *Front. Ecol. Evol.*, 17 January 2024 Sec. Population, Community, and Ecosystem Dynamics Vol. 11; <https://doi.org/10.3389/fevo.2023.1342732> (IF)
244. Adjei, U. P., C. Carvell, N. J. B. Isaac, F. Mancini, R. B. O'Hara. 2024. Integrating data from different taxonomic resolutions to better estimate community alpha diversity. *Ecography*, 12 February 2024, <https://doi.org/10.1111/ecog.07182> (IF)
245. Khaliq, I., E. Chollet Ramampandra, Ch. Vorburger, A. Narwani, N. Schuwirth, 2024. The effect of water temperature changes on biological water quality assessment, *Ecological Indicators*, 159, 111652, ISSN 1470-160X, <https://doi.org/10.1016/j.ecolind.2024.111652>. (IF)
246. Ek, K., E. Spegel, J. Stage. 2024. Economic evaluation of the removal of hydropower dams, *Environmental and Sustainability Indicators*, 22, 100370, ISSN 2665-9727, <https://doi.org/10.1016/j.indic.2024.100370>. (IF)

247. He, F., Jens-Christian Svenning, Xing Chen, Klement Tockner, Tobias Kuemmerle, Elizabeth le Roux, Marcos Moleón, Jörn Gessner, Sonja C. Jähnig. 2024. Freshwater megafauna shape ecosystems and facilitate restoration. *Biological reviews* <https://doi.org/10.1111/brv.13062> (IF)
248. van Doorn, M., Anatol Helfenstein, Gerard H. Ros, Gerard B.M. Heuvelink, Debby A.M.D. van Rotterdam-Los, Sven E. Verweij, Wim de Vries. 2024. High-resolution digital soil mapping of amorphous iron- and aluminium-(hydr)oxides to guide sustainable phosphorus and carbon management, *Geoderma*, 443, 116838, ISSN 0016-7061, <https://doi.org/10.1016/j.geoderma.2024.116838> (IF)
249. von Gönner, J., J. Gröning, V. Grescho, L. Neuer, B. Gottfried, V. G. Hänsch, E. Molsberger-Lange, E. Wilharm, M. Liess, A. Bonn. 2024. Citizen science shows that small agricultural streams in Germany are in a poor ecological status, *Science of The Total Environment*, 171183, ISSN 0048-9697, <https://doi.org/10.1016/j.scitotenv.2024.171183>. (IF)
250. Tszydel, M., A. Kruk, G. Tończyk. 2024. The role of macroinvertebrate taxonomic resolution in bioassessment of urban streams: A case study from the City of Lodz, Poland. *Ecohydrology & Hydrobiology*. DOI: 10.1016/j.ecohyd.2024.01.009 (IF)
251. Prokisch, J.; Törös, G.; Nguyen, D.H.H.; Neji, C.; Ferroudj, A.; Sári, D.; Muthu, A.; Brevik, E.C.; El-Ramady, H. 2024. Nano-Food Farming: Toward Sustainable Applications of Proteins, Mushrooms, Nano-Nutrients, and Nanofibers. *Agronomy*, 14, 606. <https://doi.org/10.3390/agronomy14030606> (IF)
252. Li, J.; Chiu, M.-C.; Lin, X.; Liu, C.; Tian, Z.; Cai, Q.; Resh, V.H. 2024. Environmental Factors Shape the Differences in Biodiversity-Area Relationships in Riverine Macroinvertebrates of Two Rivers in the Tibetan Plateau in China. *Water* 2024, 16, 882. <https://doi.org/10.3390/w16060882> (IF)
253. O'Connor, L.M.J., F. Cosentino, M. B. J. Harfoot, L. Maiorano, Ch. Mancino, L. J. Pollock. 2024. Vulnerability of terrestrial vertebrate food webs to anthropogenic threats in Europe. *Global Change Biology*. <https://doi.org/10.1111/gcb.17253>. (IF)
254. Johnson, T.F., A. P. Beckerman, D. Z. Childs, T. J. Webb, K. L. Evans, C. A. Griffiths, P. Capdevila, C. F. Clements, M. Besson, R. D. Gregory, G. H. Thomas, E. Delmas & R. P. Freckleton. 2024. Revealing uncertainty in the status of biodiversity change. *Nature*. <https://doi.org/10.1038/s41586-024-07236-z>
255. Lvova, I. (2024). Constitutional law matters of sustainable development under martial law: The case of Ukraine: [Konstytucyjne i prawne zagadnienia zrównoważonego rozwoju w warunkach wojny. Przypadek Ukrainy]. *Studia Prawnicze / The Legal Studies*, (2(228)), 31–44. <https://doi.org/10.37232/sp.2023i>
256. Cao Y., Langdon P. G., Shen S., Li H., Pan D. 2024. "Using functional traits of chironomids to determine habitat changes in subtropical wetlands". *Ecological Indicators*, 159, 111656, DOI:10.1016/j.ecolind.2024.111656 (IF)
257. Haubrock, P.J., Soto, I., Kurtul, I. et al. Are long-term biomonitoring efforts overlooking crayfish in European rivers?. *Environ Sci Eur* 36, 70 (2024). <https://doi.org/10.1186/s12302-024-00877-x> (IF)
258. Fryirs, K. 2024. Leveraging understandings of biogeomorphic river recovery to reframe river management philosophy and communication strategies. *River Research and Applications*. Special issue. <https://doi.org/10.1002/rra.4272> (IF)
259. Wu, X., Zhou, Q., Zeng, H. et al. 2024. Lake microbiome composition determines community adaptability to warming perturbations. *Ecol Process* 13, 33. <https://doi.org/10.1186/s13717-024-00516-6> (SJR)
260. Blackman R. C., Luca C., François K., Florian A. 2024. Measuring the state of aquatic environments using eDNA—upscaling spatial resolution of biotic indices. *Phil. Trans. R. Soc.*, B379:20230121, <https://doi.org/10.1098/rstb.2023.0121> (IF)
261. Wilkes, M., M. Mungee, M. Naura, V. A. Bell, L. E. Brown. 2024. Predicting nature recovery for river restoration planning and ecological assessment: A case study from England, *River Research and application*. 1991–2042, <https://doi.org/10.1002/rra.4282> (IF)