**LIST OF SCIENTIFIC PUBLICATIONS**

**of associate professor Eliza Uzunova (Faculty of Biology, Sofia University)**

PRESENTED IN THE COMPETITION FOR THE OCCUPATION OF THE ACADEMIC POSITION "PROFESSOR" IN PROFESSIONAL DIRECTION 4.3.BIOLOGICAL SCIENCES (HYDROBIOLOGY - ICHTHYOLOGY AND AQUACULTURE)

**INDICATOR A. PhD thesis**

**Uzunova, E.** 2003 "Effect of heat shock on ploidy, survival, growth and maturation of the grayling (Salvelinus fontinalis Mitchill, 1814)". Faculty of Biology, SU "St. Kliment Ohridski". Dissertation work defended before the Specialized Scientific Council for Zoology and Ecology at the VAK, 2004.

**INDICATOR B 3. Habilitation work – monograph**

**Uzunova, Е.** 2022. „2022. Genus Cottus in Bulgaria - distribution, conservation status, protection. St. Kliment Ohridski University Press, Sofia, рр. 149 ISBN 978-954-07-5489-5

<https://unipress.bg/>

**INDICATOR D5. A published monograph that is not presented as a thesis**

Uzunova, E. 2020. Aquaculture. Salmonid fishes. St. Kliment Ohridski University Press, Sofia, pp. 339 ISBN 978-954-07-5014-9 <https://unipress.bg>

**INDICATOR D 7. Scientific publications in publications that are referenced and indexed in world-famous databases with scientific information (WEB OF SCIENCE and SCOPUS), outside of the habilitation thesis**

Г 7.1 **Uzunova, E**., Studenkov, S., Dashinov, D. 2019. First records of largemouth bass *Micropterus salmoides* (Lacépède, 1802) from Bulgaria (Balkan Peninsula). BIOINVASIONS RECORDS, vol. 8 (2)427–436. 6. <https://doi.org/10.3391/bir.2019.8.2.25> IF(Web of Science) -1.504; Scopus SJR - 0.490;

Г 7.2 Petkova, S., Kanev E., Dimitrova, I., Kisliakov, D., **Uzunova, E**. 2019. Fish pass functionality in relation to the dynamics of hydrological conditions in the upper course of the River Iskar (Case study). JOURNAL OF ECOLOGICAL ENGINEERING, vol. 20 (6): 66–72. [https://doi.org/10.12911/22998993/108918 IF (Web of Science) -1.353; SJR- 0.312;](https://doi.org/10.12911/22998993/108918%20%20IF%20(Web%20of%20Science)%20-1.353;%20SJR-%200.312;%20)

Г 7.3 **Uzunova, E**., Ignatov, K., Petrova, R. 2020. Comparison of age estimates from scales, fin rays and otoliths of the introduced Peipsi whitefish, *Coregonus maraenoides* (Actinopterygii: Salmoniformes: Salmonidae) collected from Iskar Reservoir (Danube River Basin). ACTA ICHTHYOLOGICA & PISCATORIA, vol. 50(1): 13–21. <https://doi.org/10.3750/AIEP/02521> IF(Web of Science)- 0.928 SJR- 0.359;

Г 7.4 **Uzunova, Е**., Ignatov, K., Dashinov, D., Tasheva-Terzieva, E., Trichkova, T. 2020. The Alien Peipsi whitefish *Coregonus maraenoides* Polyakov, 1874 (Actinopterygii: Salmoniformes) in Iskar Reservoir, Danube River basin, Bulgaria. ACTA ZOOLOGICA BULGARICA, vol. 72(1):103–112. IF(Web of Science)- 0,505; SJR-0.237

Г 7.5 Dashinov, D., Czerniejewski, P., Balshine, S., Synyshyn, C., Tasheva-Terzieva, E., Stefanov, T., Ivanova, P., Mandrak, N., **Uzunova, E**. 2020. Variation in external morphology between the native and invasive populations of the round goby, *Neogobius melanostomus* (Actinopterygii:Gobiidae). ZOOMORPHOLOGY, vol. 139(3) 361–371. <https://doi.org/10.1007/s00435-020-00480-7> IF(Web of Science) - 1,326; SJR - 0.517;

Г 7.6 Dashinov, D., **Uzunova, E.** 2020. Diet and feeding strategies of round goby, *Neogobius melanostomus*, (Pallas 1814) from the invasion front in the Danube River tributaries (Bulgaria): ontogenetic shift and seasonal variation. LIMNOLOGICA, vol. 83 <https://doi.org/10.1016/j.limno.2020.125796> IF(Web of Science)- 2,093; SJR – 0,601;

Г 7.7 Margaritova, B., **Uzunova, E**. 2020. Length–Weight relationships and condition factors of three sturgeon species (Acipenseridae) from the Danube River. ECOLOGIA BALKANICA, vol. 12 (2): 197–201. IF(Scopus) – 0.2; SJR - 0.144;

Г 7.8 **Uzunova, E**., Kenderov, L., Stefanov, T. 2021. Fish species recorded in the coastal area of the South Bay, Livingston Island, South Shetlands. ACTA ZOOLOGICA BULGARICA, vol. 73 (1), р. 71–76. IF (Web of Science)- 0,448; SJR - 0,213

Г 7.9 Dashinov, D., **Uzunova, E.** 2021. Reproductive biology of pioneer round gobies (Neogobius melanostomus Pallas, 1814) at the edge of their invasion front in three small rivers (Lower Danube Basin, Bulgaria). JOURNAL OF VERTEBRATE BIOLOGY, vol. 70 (4), 21026.1-12. <https://doi.org/10.25225/jvb.21026> IF(Web of Science)-1,46; SJR-0,38;

Г 7.10 Margaritova, В., 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, vol. 55(35-36): 2279–2297. <https://doi.org/10.1080/00222933.2021.2005838> IF(Web of Science)- 1,016; SJR-0,435; IF - 1,016**;**

Г 7.11 **Uzunova, E**., Kanev, K. 2022. Non-native brook trout *Salvelinus fontinalis* in Bulgaria: an established population in the Palakariya River (Balkan Peninsula, Iskar River basin). ECOLOGIA BALKANICA, Vol. 14 (1): 47–56. IF(Scopus) – 0.2; SJR - 0.137 (2021);

Г 7.12 **Uzunova, E**., Dashinov, D. 2022. Trophic niche overlap between non-indigenous round goby *Neogobius melanostomus* and native fishes in tributaries of the Lower Danube River (Bulgaria). FISHERIES & AQUATIC LIFE (Archives of Polish Fisheries), Vol. 30:1–13. <https://doi.org/10.2478/aopf-2022-0001>) SJR- 0,313

Г 7.13 **Uzunova, E.,** J. Markov, A. Ivanova, S. Delcheva & Hubenova T. 2023. Economy and diversity of aquaculture production in Bulgaria: status and trends. BULGARIAN JOURNAL OF AGRICULTURAL SCIENCE, Vol. (*in press*) IF(Scopus) - 0,793 (2021); SJR = 0,25 (2021);

**Publications with more than 30 co-authors, not included in the lists of publications of Assoc. Dr. Eliza Uzunova for fulfilling the criteria of ZRAS, but considered in the scientific contributions**

Г 0.14 Copp, G.H., L. Vilizzi, H. Wei, S. Li, M. Piria, A.J. Al-Faisal, D. Almeida, U. Atique, Zainab Al-Wazzan, R. Bakiu, T. Bašić, T.D. Bui, J. Canning-Clode, N. Castro, Chaichana R., Çoker, T., Dashinov, D., Ekmekçi, F.G., Erős, T., Ferincz Á., Ferreira, T., Giannetto, D., Gilles, A.S. Jr, Głowacki Ł,Goulletquer P., Interesova E., Iqbal, S., Jakubčinová, K, Kanongdate, K, Kim J-E, Kopecký O,Kostov V, Koutsikos, N, Kozic, S, Kristan, P., Kurita, Y., Lee, H-G, Leuven, RSEW, Lipinskaya, T., Lukas, J., Marchini, A., González Martínez, A.I., Masson, L., Memedemin, D., Moghaddas, S.D., Monteiro, J., Mumladze, L., Naddafi, R., Năvodaru, I., Olsson, K.H., Onikur,a N., Paganelli P., Pavia, R.T. Jr., Perdikaris, C., Pickholz, R., Pietraszewski, D., Povž, M., Preda, C., Ristovska, M., Rosíková, K., Santos J.M., Semenchenko V., Senanan W., Simonović, P., Smeti, E., Števove, B., Švolíková, K., Ta, KAT, Tarkan, A.S., Top, N., Tricarico, E., **Uzunova, E**., Vardakas, L., Verreyken, H., Zięba, G., Mendoza, R. 2021. Speaking their language – development of a multilingual decision-support tool for communicating invasive species risks to decision makers and stakeholders. ENVIRONMENTAL MODELLING AND SOFTWARE. 135: 104900 <https://doi.org/10.1016/j.envsoft.2020.104900> (Q1)

Г 0.15 Vilizzi, L., Copp, G.H., Hill, J.E., Adamovich, B., Aislabie, L., Akin, D., Al-Faisal, A.J., Almeida, D., Azmai, M.N.A., Bakiu, R., Bellati, A., Bernier, R., Bies, J.M., Bilge, G., Branco, P., Bui, T.D., Canning-Clode, J., Cardoso Ramos, H.A., Castellanos-Galindo, G.A., Castro, N., Chaichana, R., Chainho, P., Chan, J., Cunico, A.M., Curd, A., Dangchana, P., Dashinov, D., Davison, P.I., de Camargo, M.P., Dodd, J.A., Durland Donahou, A.L., Edsman, L., Ekmekçi, F.G., Elphinstone-Davis, J., Erős, T., Evangelista, C., Fenwick, G., Ferincz, Á., Ferreira, T., Feunteun, E., Filiz, H., Forneck, S.C., Gajduchenko, H.S., Gama Monteiro, J., Gestoso, I., Giannetto, D., Gilles, A.S., Jr, Gizzi, F., Glamuzina, B., Glamuzina, L., Goldsmit, J., Gollasch, S., Goulletquer, P., Grabowska, J., Harmer, R., Haubrock, P.J., He, D., Hean, J.W., Herczeg, G., Howland, K.L., İlhan, A., Interesova, E., Jakubčinová, K., Jelmert, A., Johnsen, S.I., Kakareko, T., Kanongdate, K., Killi, N., Kim, J.-E., Kırankaya, Ş.G., Kňazovická, D., Kopecký, O., Kostov, V., Koutsikos, N., Kozic, S., Kuljanishvili, T., Kumar, B., Kumar, L., Kurita, Y., Kurtul, I., Lazzaro, L., Lee, L., Lehtiniemi, M., Leonardi, G., Leuven, R.S.E.W., Li, S., Lipinskaya, T., Liu, F., Lloyd, L., Lorenzoni, M., Luna, S.A., Lyons, T.J., Magellan, K., Malmstrøm, M., Marchini, A., Marr, S.M., Masson, G., Masson, L., McKenzie, C.H., Memedemin, D., Mendoza, R., Minchin, D., Miossec, L., Moghaddas, S.D., Moshobane, M.C., Mumladze, L., Naddafi, R., Najafi-Majd, E., Năstase, A., Năvodaru, I., Neal, J.W., Nienhuis, S., Nimtim, M., Nolan, E.T., Occhipinti-Ambrogi, A., Ojaveer, H., Olenin, S., Olsson, K., Onikura, N., O'Shaughnessy, K., Paganelli, D., Parretti, P., Patoka, J., Pavia, R.T.B., Jr, Pellitteri-Rosa, D., Pelletier-Rousseau, M., Peralta, E.M., Perdikaris, C., Pietraszewski, D., Piria, M., Pitois, S., Pompei, L., Poulet, N., Preda, C., Puntila-Dodd, R., Qashqaei, A.T., Radočaj, T., Rahmani, H., Raj, S., Reeves, D., Ristovska, M., Rizevsky, V., Robertson, D.R., Robertson, P., Ruykys, L., Saba, A.O., Santos, J.M., Sarı, H.M., Segurado, P., Semenchenko, V., Senanan, W., Simard, N., Simonović, P., Skóra, M.E., Slovák Švolíková, K., Smeti, E., Šmídová, T., Špelić, I., Srėbalienė, G., Stasolla, G., Stebbing, P., Števove, B., Suresh, V.R., Szajbert, B., Ta, K.A.T., Tarkan, A.S., Tempesti, J., Therriault, T.W., Tidbury, H.J., Top-Karakuş, N., Tricarico, E., Troca, D.F.A., Tsiamis, K., Tuckett, Q.M., Tutman, P., Uyan, U., **Uzunova, E**., Vardakas, L., Velle, G., Verreycken, H., Vintsek, L., Wei, H., Weiperth, A., Weyl, O.L.F., Winter, E.R., Włodarczyk, R., Wood, L.E., Yang, R., Yapıcı, S., Yeo, S.S.B., Yoğurtçuoğlu, B., Yunnie, A.L.E., Zhu, Y., Zięba, G., Žitňanová, K., Clarke, S. 2021. A global-scale screening of non-native aquatic organisms to identify potentially invasive species under current and future climate conditions. SCIENCE OF THE TOTAL ENVIRONMENT, 788, art. no. 147868, <https://doi.org/10.1016/j.scitotenv.2021.147868> (Q1)

Г 0.16 Vilizzi, L., Piria, M., Pietraszewski, D., Kopecký, O., Špelić, I., Radočaj, T., Šprem, N., Ta, K.A.T., Tarkan, A.S., Weiperth, A., Yoğurtçuoğlu, B., Candan, O., Herczeg, G., Killi, N., Lemić, D., Szajbert, B., Almeida, D., Al-Wazzan, Z., Atique, U., Bakiu, R., Chaichana, R., Dashinov, D., Ferincz, Á., Flieller, G., Gilles, A.S., Jr, Goulletquer, P., Interesova, E., Iqbal, S., Koyama, A., Kristan, P., Li, S., Lukas, J., Moghaddas, S.D., Monteiro, J.G., Mumladze, L., Olsson, K.H., Paganelli, D., Perdikaris, C., Pickholtz, R., Preda, C., Ristovska, M., Švolíková, K.S., Števove, B., **Uzunova, E**., Vardakas, L., Verreycken, H., Wei, H., Zięba, G. 2022. Development and application of a multilingual electronic decision-support tool for risk screening non-native terrestrial animals under current and future climate conditions. NEOBIOTA, vol. 76, pp. 211-236. <https://doi.org/10.3897/neobiota.76.84268> (Q1-2021)

**INDICATOR D8. Published book chapter or collective monograph (whole books are also included)**

Г 8.1 **Uzunova, E.** 2011. Acclimatization of new species of hydrobionts in Bralgaria. In: The Fisheries and Aquaculture Entrepreneur's Handbook. (Edited by Prof. N. Boyadzhiev). Ed. Intelentranst, Sofia. p. 22 – 26. ISBN 978-954-2910-12-1

Г 8.2 **Uzunova, E.,** 2011. Impact of aquaculture on the environment - forms of impact and measures to reduce negative consequences. In: The Fisheries and Aquaculture Entrepreneur's Handbook. (Edited by Prof. N. Boyadzhiev). Ed. Intelentranst, Sofia. p. 220-224. ISBN 978-954-2910-12-1

Г 8.3 **Uzunova, E**., R. Tsonev, 2017. Impacts of hydropower on the environment. p. 24-40. In: Assessment of the complex impact of the HPPs on the ecosystems and the ecological state of the rivers. Sofia: REC-Bulgaria. 102 p. (In Bulgarian) ISBN 978-954-9867-10-7

Г 8.4 **Uzunova, E.,** D. Kislyakov, R. Tsonev. 2017. Measures to mitigate the impacts of hydropower. pp. 45-52. In: Assessment of the complex impact of the HPPs on the ecosystems and the ecological state of the rivers. Sofia: REC-Bulgaria. 102 p. (In Bulgarian) ISBN 978-954-9867-10-7

Г 8.5 Vassilev, V., D. Todorov, **E. Uzunova**, D. Kislyakov, K. Rangelov, R. Tsonev, V. Uzunov, R. Kukova, V. Ivanova, K. Bacheva, M. Marinov, M. Angelov, E Argirova, V. Miceva, Yu. Petkov, M. Babukchieva, D. Nikolova, B. Gladkova and D. Hristova. Proposal for a methodology for determining eligibility for the construction of hydropower plants. p. 62-79. In: Assessment of the complex impact of the HPPs on the ecosystems and the ecological state of the rivers. Sofia: REC-Bulgaria. 102 pp. (In Bulgarian) ISBN 978-954-9867-10-7

Г 8.6 Uzunova, E., L. Rashkova, I. Hristov. 2017. Approaches to restoring river continuity. Fish passes: Biological bases, monitoring and legal framework. WWF Bulgaria, Sofia, 98 pp. ISBN: 978-954- 8552-09-7

Г 8.7 Trichkova, T., Y. Koshev, B. Nikolov, M. Todorov, R. Tomov, **E. Uzunova**, S. Lukanov, Z. Hubenov, D. Georgiev, T. Stefanov 2020. Short guide of invasive alien animal species from significance for the European Union and Bulgaria. Editor: T. Trichkova. 46 pp.ISBN: 978-954-9746-51-8

**INDICATOR E 19. Published university textbook or textbook that is used in the school network**

Е 20.1 **Uzunova, E.,** Pavlova, P., Dashinov, D. A practical guide to exercises in ichthyology: microinvasive methods for field and laboratory fish studies. 111 pp. St. Kliment Ohridski University Press, Sofia ISBN 978-954-07-5099-6

**25.11.2022 г.**