

LISTA PUBLICAȚIILOR

A. Lucrări științifice indexate în Web of Science Core Collection:

1. ^[2.5] Kaczmarczyk-Ziemba, A., Halabowski, D., Rewicz, T., Krepski, T., **Berchi, G.M.**, Boda, P., Stoianova, D., Višinskienė, G. & Raupach M. J. (2026) Diversity and spatial distribution of *Wolbachia* infection and its association with mitochondrial DNA variation in the freshwater bug *Aphelocheirus aestivalis* (Insecta: Heteroptera). *Hydrobiologia*, early access. **Q1**
DOI: <https://doi.org/10.1007/s10750-026-06371-0>
2. ^[9.1] Jin, Z., Qiao, M., Fu, S., Li, H., Guo, B., Li, Z., Leng, Z., Pintar, M.R., Damgaard, J., Makepeace, B.L., Mazzucconi, S.A., **Berchi, G.M.**, Cianferoni, F., Polhemus D.A., Watanabe, K., Nakajima, J., Esemu, S., Liu, C., Zhang, B., Yang, H., Wang, S., Xue, H., Bu, W. & Ye, Z. (2026) Mosaic phenotypic evolution underlies the adaptive success of water-surface colonization in Gerromorpha. *PNAS*, 123 (12): e2534611123. **Q1**
DOI: <https://doi.org/10.1073/pnas.2534611123>
3. ^[4.5] Liu, C., Qiao, M., Fu, S., **Berchi, G.M.**, Damgaard, J., Millán, A., Guo, B., Jin, Z., Bu, W. & Ye, Z. (2026) Genomic signatures of rapid local selection and introgression drive adaptive phylogeography in the European river skater. *BMC Biology*, 24: 45. **Q1**
DOI: <https://doi.org/10.1186/s12915-026-02512-y>
4. ^[6.2] Copilaș-Ciocianu, D., Marin, I., Šidagytė-Copilas, E., **Berchi, G.M.**, Ahmadova, K., Mumladze, L., Palcu Rolier, D.V., Palatov, D. & Sands, A. (2025) Marine and inland biogeographical processes shaped Earth's singular brackish biodiversity hotspot. *Cladistics*, 41 (6): 624–636. **Q1**
DOI: <https://doi.org/10.1111/cla.70008>
5. ^[2.2] Kaczmarczyk-Ziemba, A., Halabowski, D., **Berchi, G.M.**, Rewicz, T., Boda, P., Krepski, T., Višinskienė, G., Stoianova, D., Tończyk, G., Momotko, A., Chylińska, J. & Raupach, M.J. (2025) Evidence for mitochondrial heteroplasmy in the freshwater bug *Aphelocheirus aestivalis* (Fabricius, 1794) (Insecta: Heteroptera): a challenge for future studies based on mtDNA markers. *Hydrobiologia*, 852: 927–940. **Q1**
DOI: <https://doi.org/10.1007/s10750-024-05737-6>
6. ^[0.8] **Berchi, G.M.**, Rădac, I.A., Boda, P. & Kment, P. (2024) Water boatmen (Heteroptera: Nepomorpha: Corixidae) of Romania. *Zootaxa*, 5555 (2): 227–252. **Q3**
DOI: <https://doi.org/10.11646/zootaxa.5555.2.4>
7. ^[2.1] Papp, C.R., Seiler, A., Moț, R., Sjölund, A., Hahn, E., Georgiadis, L.E., Navarro, C., de Bouville, J. & **Berchi, G.M.** (2024) Connecting people to connect landscapes. *Nature Conservation*, 57: 9–16. **Q2**
DOI: <https://doi.org/10.3897/natureconservation.57.138326>
8. ^[8.1] Jiménez-Mejías, P., Manzano, S., Gowda, V. (...) **Berchi, G.M.** et al. (2024) Protecting stable biological nomenclatural systems enables universal communication: A collective international appeal. *BioScience*, 74 (7): 467–472. **Q1**
DOI: <https://doi.org/10.1093/biosci/biae043>

9. ^[1.8] **Berchi, G.M.**, Copilaş-Ciocianu, D., Kment, P. & Mumladze, L. (2023) Water bugs (Heteroptera: Gerromorpha, Nepomorpha) of the Caucasus ecoregion. *European Zoological Journal*, 90 (1): 167–192. **Q2**
DOI: <https://doi.org/10.1080/24750263.2023.2174190>
10. ^[10.7] Ye, Z., Yuan, J., Damgaard, J., **Berchi, G.M.**, Cianferoni, F., Pintar, M.R., Olosutean, H., Zhu, X., Jiang, K., Yang, X., Fu, S. & Bu, W. (2022) Climate warming since the Holocene accelerates west–east communication for the Eurasian temperate water strider species *Aquarius paludum*. *Molecular Biology and Evolution*, 39 (5): msac089. **Q1**
DOI: <https://doi.org/10.1093/molbev/msac089>
11. ^[1.6] Papp, C.R., Dostál, I., Hlaváč, V., **Berchi, G.M.** & Romportl, D. (2022) Rapid linear transport infrastructure development in the Carpathians: a major threat to the integrity of ecological connectivity for large carnivores. *Nature Conservation*, 47: 35–63. **Q3**
DOI: <https://doi.org/10.3897/natureconservation.47.71807>
12. ^[2.319] Copilaş-Ciocianu, D., **Berchi, G.M.** & Mumladze, L. (2020) First survey of shallow-water Amphipoda along the Georgian Black Sea coast reveals new faunistic records and the unexpected Atlantic invader *Melita nitida*. *Mediterranean Marine Science*, 21 (2): 460–463. **Q2**
DOI: <http://dx.doi.org/10.12681/mms.22844>
13. ^[0.990] **Berchi, G.M.**, Cianferoni, F., Csabai, Z., Damgaard, J., Olosutean, H., Ilie, D.M., Boda, P. & Kment, P. (2018) Water striders (Heteroptera: Gerromorpha: Gerridae) of Romania with an update on the distribution of *Gerris gibbifer* and *G. maculatus* in southeastern Europe. *Zootaxa*, 4433 (3): 491–519. **Q3**
DOI: <https://doi.org/10.11646/zootaxa.4433.3.6>
14. ^[3.727] **Berchi, G.M.**, Copilaş-Ciocianu, D., Kment, P., Buzzetti, F.M., Petrusek, A., Rákósy, L., Cianferoni, F. & Damgaard, J. (2018) Molecular phylogeny and biogeography of the West-Palaearctic *Velia* (Heteroptera: Gerromorpha: Veliidae). *Systematic Entomology*, 43 (2): 262–276. **Q1**
DOI: <https://doi.org/10.1111/syen.12273>
15. ^[0.931] Csabai, Z., Soós, N., **Berchi, G.M.**, Cianferoni, F., Boda, P. & Mora, A. (2017) Aquatic and semiaquatic Heteroptera (Nepomorpha and Gerromorpha) fauna of Greek holiday islands (Rhodes, Crete and Corfu) with first records of three species from Europe and Greece. *Zootaxa*, 4231 (1): 51–69. **Q3**
DOI: <https://doi.org/10.11646/zootaxa.4231.1.3>
16. ^[0.972] Kment, P., Jindra, Z. & **Berchi, G.M.** (2016) Review of West-Palaearctic Hebridae with description of a new species and redescription of *Hebrus fulvinervis* (Hemiptera: Heteroptera). *Zootaxa*, 4147 (3): 201–239. **Q3**
DOI: <https://doi.org/10.11646/zootaxa.4147.3.1>
17. ^[0.699] **Berchi, G.M.**, Kment, P., Copilaş-Ciocianu, D., Rákósy, L. & Damgaard, J. (2016) Water treaders of Romania and adjacent countries and their phylogenetic relationships (Hemiptera: Heteroptera: Mesoveliidae). *Annales Zoologici*, 66 (2): 193–212. **Q3**
DOI: <https://doi.org/10.3161/00034541ANZ2016.66.2.004>
18. ^[0.994] **Berchi, G.M.** & Kment, P. (2015) Review of the family Veliidae in Romania (Hemiptera: Heteroptera: Gerromorpha). *Zootaxa*, 3963 (1): 74–88. **Q2**
DOI: <https://doi.org/10.11646/zootaxa.3963.1.5>

19. ^[1.06] **Berchi, G.M.** (2013) Checklist and distribution of the family Notonectidae in Romania, with the first record of *Notonecta maculata* Fabricius, 1794 (Hemiptera: Heteroptera: Nepomorpha). *Zootaxa*, 3682 (1): 121–132. **Q2**
DOI: <https://doi.org/10.11646/zootaxa.3682.1.5>
20. ^[0.747] **Berchi, G.M.** (2011) First record of *Anisops sardeus* (Hemiptera: Heteroptera: Notonectidae) in Romania. *North-Western Journal of Zoology*, 7 (2): 339–341. **Q3**

^[IF] JCR Impact Factor
JCR JIF Quartile: **Q1**, **Q2**, **Q3** / **Q4**

B. Lucrări științifice indexate în alte Baze de Date Internaționale (BDI):

21. **Berchi, G.M.** & Chimișliu, C. (2015) Aquatic and semiaquatic bugs (Heteroptera: Nepomorpha, Gerromorpha) preserved in the Oltenia Museum Craiova. *Oltenia. Studii și comunicări. Științele Naturii*, 31 (1): 83–86.
22. **Berchi, G.M.**, Kment, P. & Petrovici, M. (2012) First record of the backswimmer *Notonecta meridionalis* (Hemiptera: Heteroptera: Notonectidae) in Romania. *Travaux du Museum National d'Histoire Naturelle Grigore Antipa*, 55 (2): 217–220.
23. **Berchi, G.M.**, Petrovici, M. & Ilie, D.M. (2011) Aquatic and semiaquatic true bugs (Heteroptera: Nepomorpha) of Cefa Nature Park (North-western Romania). *Analele Universității din Oradea - Fascicula Biologie*, 18 (1): 29–33.

C. Alte publicații:

24. **Berchi, G.M.**, Jones, D., Moț, R., Muntean, L. & Papp, C.R. (Eds.) (2022) *IENE 2022 International Conference “Connecting people, connecting landscapes” (September, 19–23) – Abstract Book*. Editura AcademicPres – Universitatea de Științe Agricole și Medicină Veterinară, Cluj–Napoca, România, 187 pp.
25. Cosmoiu, D. & **Berchi, G.M.** (2017) Hydropower and permit problems in the Țarcu Mountains, pp. 31–33. In: Jeffries, B. (Ed.), *Preventing Paper Parks: How to make the EU Nature Laws work*. WWF – World Wide Fund For Nature, Brussels, Belgium, 67 pp.
26. Nistorescu, M., Doba, A., Țîbîrnac, M., Nagy, A.A., Cosmoiu, D., **Berchi, G.M.** & Ilinca, C. (2016) *Ghid de bune practici în vederea planificării și implementării investițiilor din sectorul Microhidrocentrale*. Asociația „Grupul Milvus”, București, România, 78 pp.

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