

PERSONAL AND CONTACT DATA

Name: Zoltán Szabolcs CSABAI

Family status: married (Zsuzsanna Pap, 2007),
two sons (Máté Soma, 2011 and Milán Patrik, 2011)

Nationality: Hungarian

Date and place of birth: 28/04/1975, Nyíregyháza, Hungary

Work address: University of Pécs, Faculty of Sciences
Department of Hydrobiology
Ifjúság útja 6, H-7624 Pécs, Hungary

Home address: Új utca 6, H-7673 Cserkút, Hungary

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CURRICULUM VITAE

Education, degrees, and positions held:

- 2026** **Doctor of the Hungarian Academy of Sciences (az MTA doktora, DSc)**
– Hungarian Academy of Sciences
- 2003–present University of Pécs, Department of Hydrobiology (formerly Department of General and Applied Ecology), 2003 assistant lecturer, 2004–2008 assistant professor, 2008–2025 associate professor, 2009– head of department, 2025– full professor
- 2023–present HUN-REN Balaton Limnological Research Institute, Aquatic Invertebrates and Community Ecology Research Group, senior research fellow (part time)
- 2023–2024 Centre for Ecological Research, Institute of Aquatic Ecology, Aquatic Macroinvertebrate Research Group, senior research fellow (part time)
- 2020–2022 Masaryk University, Department of Botany and Zoology, Group of Hydrobiology, specialist (part time)
- 2017–present registered national expert in wildlife conservation
- 2010** **‘Dr. habil.’ in Biological Sciences** – University of Pécs
- 2003** **Ph.D. in Environmental Sciences (Aquatic Ecology)** – University of Debrecen, Juhász-Nagy Pál Doctoral School
- 2002–2003 University of Debrecen, Department of Soil Science and Microbiology, after Department of Agricultural Microbiology, Research assistant
- 2001–2002 University of Debrecen, Department of Ecology and Hydrobiology, Predoc
- 1998–2001 University of Debrecen, Ph.D. Student in Aquatic Ecology
- 1998** **M.Sc. in Biology (Ecology)** – UD
- 1993–1998 Lajos Kossuth University, later transformed to University of Debrecen, Biology (Ecology)
- 1989–1993 Lajos Kossuth Secondary School

Scientific experience, skills, and interest:

- 1996– Taxonomy, faunistics and ecology of aquatic beetles (mostly Dytiscidae and Hydrophilidae) focusing on the fauna of the Carpathian Basin, the Balkans, and the Mediterranean area.
- 1998– Aquatic macroinvertebrate biodiversity studies, occurrence data recording, and distribution mapping.

- 1998- General limnology, ecology of aquatic macroinvertebrate assemblages of marshy wetlands and ponds.
- 1999- Flight dispersal of aquatic insects (mostly beetles and bugs): monitoring seasonal and diel flight activity, measuring environmental background and evaluation of harmful anthropogenic factors.
- 2001– Nature conservation related expertise: surveys of nature conservation sites of national importance, assessment and monitoring of NATURA sites (especially aquatic and wetland habitats), environmental impact assessment. Conservation and monitoring of endangered aquatic insect species (*Cordulegaster heros*, *Graphoderus bilineatus*), life cycle, microdistribution, movement activity and dispersal.
- 2003– Research planning, uni- and multivariate statistics, statistical modelling.
- 2009– Stream ecology: stream insect community assembly, extreme events: droughts and flash floods, EU WFD biomonitoring and assessment
- 2016– Using DNA barcoding and metabarcoding techniques in taxonomy, biodiversity studies, phylogeography, community ecology and water quality assessment
- 2020– Citizen science: project development, user engagement, data quality, mobile app development

Language skills:

Hungarian	native
English	C2 (writing) / C1 (speaking) Hungarian State Language Exam, intermediate, 1992/1993 type „C”
Latin	University exam (inactive), 1995

Internet references:

ResearchGate profile: [Zoltan Csabai2](#)
 Full list of publications (MTMT database): [10003061](#)
 Publons/Researcher-ID profile: [E-8696-2012](#) (not fully up-to-date)
 Google Scholar profile: [QAVB0 kAAAAJ](#)
 ORCID profile: [0000-0003-1700-2574](#)
 Twitter(X) profile: [@zszaibai](#)
 BlueSky profile: [@csabaiz](#)
 University website: [link](#)

Publication activity:

- Scientific papers (incl. conference papers): **189**, Books: 3, Book chapters: 12
 - Popular science papers: 5, Edited periodicals/monographs: 16, Citable online datasets: 3
 - Oral presentations: 230, Poster presentations: 93
 - Online datasets: GBIF: 3, Figshare: 2

Citation metrics:

- Cumulative Impact Factor (IF): **398.0**
 - First/last author IF: 77,1
- Scimago Journal Ranking (SJR): Q1=**63** (from which D1=**35**), Q2=8, Q3=10, Q4=1
 - First/Last author SJR: Q1=18 (from which D1=5), Q2=6, Q3=9, Q4=1
- Cumulative number of independent citations (without common authors, MTMT): 2637
- Citations based on GoogleScholar: 4886, MTMT: 3938, ResearchGate: 3737, OpenAlex: 3118, Scopus: 2326.
- Numbers of independent citations for the 5 most highly cited publications (MTMT): 370, 181, 107, 99, 99

- Numbers of citations for the 5 most highly cited publications (Google Scholar): 645, 341, 238, 219, 186
- H-index based on MTMT database (based on independent citations): **22** ([link](#))
- H-index based on MTMT database (all citations): **29** ([link](#))
- H-index based on Google Scholar (all citations): 31 ([link](#))
- H-index based on ResearchGate (all citations): 25 ([link](#))
- H-index based on Scopus (all citations): 22 ([link](#))
- H-index based on OpenAlex: 24 ([link](#))
- g-index based on the list below (independent citations): **38**
- i10-index based on MTMT database (independent citations): 50
- i10-index based on MTMT database (all citations): 76
- i10-index based on Google Scholar (all citations): 98 ([link](#))
- i10-index based on OpenAlex: 52 ([link](#))
- Field-Weighted Citation Impact (FWCI, Scopus; all/ecology/eco-evo-tax): 2024: 3.83/2.78/2.59; 2023: 3.41/1.70/2.78; AVG: 2.03/2.24/ 2.38
- Average number of citations per publication based on Scopus: 28.3 (15/12/2025)
- ResearchGate reads: 94000+, RG interest: 5200+, Recommendations: 1550+ ([link](#))
- Scientometrics.org Researchers ranking using MTMT records (Hungary only): D2, 88% ([link](#), for 2020-2024, 15/12/2025, for Biology discipline)
- Scientometrics.org Researchers ranking using OpenAlex records (global): D2, 88% ([link](#), for 2020-2024, 15/12/2025, in Aquatic Sciences discipline) – D2, 83% ([link](#), for 2020-2024, 15/12/2025, in Eco-Evo-Tax discipline)
- Scientometrics.org Researchers ranking using SCOPUS records (global): D3, 77%, ([link](#), 2020-2024, 15/12/2025, for Biology discipline)
- Kardashian-index: 0.216 ([info](#), [calculator](#), 05/01/2025)
- Number of MDPI-published papers: 0 ([info](#), [info](#), [info](#), [info](#), [info](#), [info](#), [info](#))
- Number of Frontiers-in-published papers: 1
- Number of Hindawi-published papers: 0

Selected papers

- Szloboda A, Kovács Z, Barquin J, Singer G, **Csabai Z** 2026: From pixels to length: Body length estimation of aquatic macroinvertebrates from digital images for ecological applications. *MethodsX*, 103998, **IF=2.9 (2025)**, **SJR=Q1** JIF=Q2, JCI=Q2, DOI= [10.1016/j.mex.2026.103998](#)
- Vászárhelyi Z, Barta B, Biró M, **Csabai Z**, Földvári G,... Garamszegi LZ 2026: Environmental and socio-economic factors behind data provision in 17 citizen science projects. *People and Nature* (online early) **IF=5.8 (2025)**, **SJR=D1/Q1**, JIF=D1/Q1, JCI=D1/Q1, DOI: [10.1002/pan.3.70335](#)
- Hollingsworth P, Fantoni K, Koureas D, ..., Costa F, **Csabai Z**, Dankova G, Ekrem T,..., Grabowski M. 2026: Species Identification, Discovery and Biomonitoring: Strategic Priorities for the International Barcode of Life in Europe, set in a Global Context. *Bioscience* (online early) **IF= 9.5 (2025)**, **SJR=D1/Q1**, JIF=D1/Q1, JCI=D1/Q1, DOI: [10.1093/biosci/biag052](#)
- (183) Bozóki T, Szeles J, Várbiro G, Ficsor M, **Csabai Z**, Boda P 2026: More is not always better: Selective trait filtering governs assembly under emerging flow intermittency. *Ecology and Evolution* 16(4): e73365. **IF= 2.6 (2025)**, **SJR= Q1**, JIF=Q1, JCI=Q1, DOI: [10.1002/ece3.73365](#)
- Boóz B, Szivák I, Miliša M, Pařil P, Perneckner B, **Csabai Z**, Móra A 2026: Flow intermittence reshapes the occupancy-frequency distribution of stream chironomid assemblages. *Inland waters* 16(1): 2553571. **IF=1.7 (2025)**, **SJR=Q1**, SCIE=Q1, JCI=Q1, DOI= [10.1080/20442041.2025.2553571](#)
- Sinclair JS, Stubbington R, Welti EAR, Aroviita J, Baker NJ, Cañedo-Argüelles M, **Csabai Z**, Cunillera-Montcusí D, ... Haase P, 2025: Current protected areas provide limited benefits for European river biodiversity. *Nature Communications* **16**: 11146, **IF=18.1**, **SJR=Q1/D1**, JIF=Q1/D1, JCI=Q1/D1, DOI= [10.1038/s41467-025-67125-5](#)
- Fekete J, Várbiro G, Szeles J, Bozóki T, Perneckner B, **Csabai Z**, Boda P 2025: Prolonged flow intermittency undermines the habitat potential of forested landscapes for a stream-dwelling dragonfly. *Ecological Entomology* **50**(6): 1148–1158., **IF=1.8**, **SJR=Q1**, JIF=Q2, JCI=Q2, DOI= [10.1111/een.70007](#)

- van Leeuwen CHA, **Csabai Z**, Szloboda A, Móra A, Declerck SAJ 2025: Length-dry mass relationships of aquatic insects: geographical and taxonomic variation in a digital database. *Freshwater Biology* **70**(7): e70056, **IF=2.6, SJR=D1/Q1, JIF=Q1, JCI=Q1, DOI= [10.1111/fwb.70056](https://doi.org/10.1111/fwb.70056)**
- (177) Yates AG, Brua RB, Culp JM, Aguiar FC, Ajayan AP, Aspin T, Bundschuh M, Calderón MR, **Csabai Z**, Dallas H, ... Wanderi EW 2025: Charting a course for freshwater biomonitoring: The grand challenges identified by the global scientific community. *Ecological Indicators* **176**: 113646, **IF=8.7, SJR=D1/Q1, JIF=Q1, JCI=D1/Q1, DOI= [10.1016/j.ecolind.2025.113646](https://doi.org/10.1016/j.ecolind.2025.113646)**
- Hárságyi D, Cunillera-Montcusí D, Ficsór M, Bonada N, Datry T, Künne A, Miliša M, Mimeau L, Pařil P, Pernecker B, Boda P, Móra A, **Csabai Z** 2025: Connectivity-driven assembly of Trichoptera metacommunities across river networks with different drying patterns. *Freshwater Biology* **70**(6): e70053, **IF=2.6, SJR=D1/Q1, SIF=Q2, JCI=Q2, DOI= [10.1111/fwb.70053](https://doi.org/10.1111/fwb.70053)**
- Chalmandrier L, Cunillera-Montcusí D, Lopez-Rojo N, Cañedo-Argüelles M, **Csabai Z**, Foulquier A, ... Muñoz F 2024: Natural disturbances and connectivity drive seasonal taxonomic and trait patterns of aquatic macroinvertebrate communities across Europe. *Global Ecology and Biogeography* **34**(5): e70047, **IF=6.5, SJR=D1/Q1, JIF=D1/Q1, JCI=D1/Q1, DOI= [10.1111/geb.70047](https://doi.org/10.1111/geb.70047)**
- Sebteoui K, **Csabai Z**, Stanković J, Baranov V, Jovanović B, Milošević D 2025: Downsizing plastics, upsizing impact: How microplastic particle size affects *Chironomus riparius* bioturbation activity. *Environmental Research* **270**: 121055, **IF=8.2, SJR=D1/Q1, JIF=D1/Q1, JCI=D1/Q1, DOI= [10.1016/j.envres.2025.121055](https://doi.org/10.1016/j.envres.2025.121055)**
- Hárságyi D, Berta BJ, Boóz B, Pap Z, Pernecker B, Szloboda A, Miliša M, Pařil P, **Csabai Z**, Móra A 2025: Occurrence data for stream-dwelling macroinvertebrates from Central Europe. *Data in brief* **58**: 111272, **IF=1.9, SJR=Q1, JIF=Q2, JCI=Q3, DOI= [10.1016/j.dib.2025.111272](https://doi.org/10.1016/j.dib.2025.111272)**
- Mimeau L, Künne A, Devers A, Branger F, Kralisch S, Lauvernet C, Vidal J-P, Bonada N, **Csabai Z**, Mykrä H, Pařil P, Polović L, Datry T 2025: Projections of streamflow intermittence under climate change in European drying river networks. *Hydrology and Earth System Sciences* **29**: 1615–1636. **IF=7.0, SJR=D1/Q1, JIF=D1/Q1, JCI=D1/Q1, DOI: [10.5194/hess-29-1615-2025](https://doi.org/10.5194/hess-29-1615-2025)** (preprint DOI: [10.5194/hess-2024-272](https://doi.org/10.5194/hess-2024-272))
- Escobar-Camacho D, Crabot J, Stubbington R, England J, Sarremejane R, Bonada N, Fernandez-Calero JM, Cañedo-Argüelles M, Rezende CF, Chanut P, **Csabai Z**, Encalada AC, Laini A, Mykrä H, Moya N, Pařil P, Rosero-Lopez D, Datry T 2025: River drying causes local losses and regional gains in aquatic invertebrate metacommunity diversity: A cross-continental comparison. *Global Change Biology* **31**(2): e70068, **IF=12.5, SJR=D1/Q1, JIF=D1/Q1, JCI=D1/Q1, DOI: [10.1111/geb.70068](https://doi.org/10.1111/geb.70068)**
- Bozókí, T. – Várбірó, G. – **Csabai, Z.** – Schmera, D. – Boda, P. 2024: Resistance not resilience traits structure macroinvertebrate communities in newly drying stream sections. – *Hydrobiologia* **851**: 3577–3590, **IF=2.5, SJR=Q1, DOI: [10.1007/s10750-024-05518-1](https://doi.org/10.1007/s10750-024-05518-1)**
- Dettner, K. – Kovács, Z. – Rewicz, T. – **Csabai Z.** 2024: Age-dependant variation of aedeagal morphology in *Agabus uliginosus* and the status of *A. lotti* (Coleoptera: Dytiscidae). – *ZooKeys* **1212**: 153–177. **IF=1.3, SJR=Q1, DOI: [10.3897/zookeys.1212.130039](https://doi.org/10.3897/zookeys.1212.130039)**
- Haubrock, P.J. – Soto, I. – Kourantidou, M. – ... – **Csabai, Z.** – ... – Cuthbert, R.N. 2024: Understanding the complex dynamics of zebra mussel invasions over several decades in European rivers: drivers, impacts, and predictions. – *Oikos* **2024**(4): e10283, **IF=3.0, SJR=Q1, JIF=Q2, JCI=Q2, DOI: [10.1111/oik.10283](https://doi.org/10.1111/oik.10283)**
- Páll-Gergely, B. – Krell, F-T. – ... – **Csabai, Z.*** – Móra, A.* 2024: Identification crisis: A fauna-wide estimate of biodiversity expertise shows massive decline in a Central European country. – *Biodiversity and Conservation* **33**: 3871–3903. **IF=3.1, SJR=Q1, DOI: [10.1007/s10531-024-02934-6](https://doi.org/10.1007/s10531-024-02934-6)** (*equally contributed)
- Sebteoui, K. – Milošević, D. – Stanković, J. – Baranov, V. – Jovanović, B. – Krause, S. – **Csabai, Z.** 2024: Beneath the surface: Decoding the impact of *Chironomus riparius* bioturbation on microplastic dispersion in sedimentary matrix. – *Science of the Total Environment* **919**: 170844, **IF=8.0 (2023), SJR=D1/Q1, DOI: [10.1016/j.scitotenv.2024.170844](https://doi.org/10.1016/j.scitotenv.2024.170844)**
- Sexton, A.N. – Beisel, J.N. – Staentzel, S. – ... – **Csabai, Z.** – ... – Jeliaskov, A. 2024: Inland navigation and land use interact to impact European freshwater biodiversity. – *Nature Ecology and Evolution* **8**: 1098–1108. **IF=14.5, SJR=D1/Q1, DOI: [10.1038/s41559-024-02414-8](https://doi.org/10.1038/s41559-024-02414-8)**
- Sinclair, J.S. – Stubbington, R. – Schäfer, R.B. – ... – **Csabai, Z.** – ... – Haase, P. 2024: Ecological but not biological traits of European riverine invertebrates respond consistently to anthropogenic impacts. – *Global Ecology and Biogeography* **33**(12): e13931, **IF=6.0, SJR=Q1/D1, DOI: [10.1111/geb.13931](https://doi.org/10.1111/geb.13931)**
- Sinclair, J.S. – Welti, E.A.R. – ... – **Csabai, Z.** – ... – Haase, P. 2024: Multi-decadal improvements in the ecological quality of European rivers are not consistently reflected in biodiversity metrics. – *Nature Ecology and Evolution* **8**: 430–441, **IF=14.5, SJR=D1/Q1, DOI: [10.1038/s41559-023-02305-4](https://doi.org/10.1038/s41559-023-02305-4)**

- Snåre, H. – García-Girón, J. – Alahuhta, J. – ... – **Csabai, Z.** – ... – Heino, J. 2024: The relationships between biotic uniqueness and abiotic uniqueness are context dependent across drainage basins worldwide. – *Landscape Ecology* **39**: 86. **IF=3.7, SJR=D1/Q1**, DOI: [10.1007/s10980-024-01883-3](https://doi.org/10.1007/s10980-024-01883-3)
- Soto, I. – Balzani, P. – Carneiro, L. – ... – **Csabai, Z.** – ... – Haubrock, P.J. 2024: Taming the terminological tempest in invasion science. – *Biological Reviews* **99**: 1357–1390. **IF=11.7, SJR=D1/Q1**, DOI: [10.1111/brv.13071](https://doi.org/10.1111/brv.13071)
- Szivák, I. – **Csabai, Z.** – Schmera, D. – Móra, A. 2024: The spatial extent and the dispersal strategy of species shape the occupancy frequency distribution of stream insect assemblages. – *Ecology and Evolution* **14**(7): e11663 **IF=2.3, SJR=Q1**, DOI: [10.1002/ece3.11663](https://doi.org/10.1002/ece3.11663)
- Toutain, M. – Soto, I. – Rasmussen, J.J. – **Csabai, Z.** – ... – Haubrock, P.J. 2024: Tracking long-term shifts in non-native freshwater macroinvertebrates across three European countries. – *Science of the Total Environment* **906**: 167402, **IF=8.0, SJR=D1/Q1**, DOI: [10.1016/j.scitotenv.2023.167402](https://doi.org/10.1016/j.scitotenv.2023.167402)
- Weltri, E.A.R. – Bowler, D.E. – Sinclair, J. – ... – **Csabai, Z.** – ... – Haase, P. 2024: Time series of freshwater macroinvertebrate abundances and site characteristics of European streams and rivers. – *Scientific Data* **11**: 601. **IF=6.9, SJR=D1/Q1, JIF=Q1, JCI=Q1**, DOI: [10.1038/s41597-024-03445-3](https://doi.org/10.1038/s41597-024-03445-3)
- **Csabai, Z.** – Čiamporová-Zaťovičová, Z. – Boda, P. – Čiampor, F. Jr. 2023: 50%, not great, not terrible - Pan-European gap-analysis shows the real status of the DNA barcode reference libraries in two aquatic invertebrate groups and points the way ahead. – *Science of the Total Environment* **863**: 160922, **IF= 8.1 (2023), SJR= D1/Q1**, DOI: [10.1016/j.scitotenv.2022.160922](https://doi.org/10.1016/j.scitotenv.2022.160922)
- Haase, P. – Bowler, D.E. – Baker, N.J. – Bonada, N. – **Csabai, Z.** – ... – Weltri, E.A.R. 2023: The recovery of European freshwater biodiversity has come to a halt. – *Nature* **620**(7974): 582–588. **IF= 50.5, SJR= D1/Q1**, DOI: [10.1038/s41586-023-06400-1](https://doi.org/10.1038/s41586-023-06400-1)
- Haubrock, P.J. – Carneiro, L. – Macedo, R.L. – ... – **Csabai, Z.** – ... – Ahmed, D.A. 2023: Advancing our understanding of biological invasions with long-term biomonitoring data. – *Biological Invasions* **25**: 3637–3649., **IF=2.8, SJR=Q1**, DOI: [10.1007/s10530-023-03141-0](https://doi.org/10.1007/s10530-023-03141-0)
- Truchy, A. – **Csabai, Z.** – Pernecker, B. – Mimeau, L. – Künne, A. – Bertin, W. – Pellizzaro, F. – Datry, T. 2023: Citizen scientists to advance the science and management of intermittent rivers and ephemeral streams. – *BioScience* **73**(7): 513–521. **IF=7.6, SJR=D1/Q1**, DOI: [10.1093/biosci/biad045](https://doi.org/10.1093/biosci/biad045)
- Ficsór, M. – **Csabai, Z.** 2023: Machine learning model ensemble based on multi-scale predictors confirms ecological segregation and accurately predicts the occurrence of net-spinning caddisfly larvae species groups (Trichoptera: Hydropsychidae) at catchment-scale. – *Ecological Indicators* **146**: 109769, **IF= 7.0, SJR= Q1**, DOI: [10.1016/j.ecolind.2022.109769](https://doi.org/10.1016/j.ecolind.2022.109769)
- Loskotová, B. – Straka, M. – Pernecker, B. – Dostálová, A. – **Csabai, Z.** – Polášek, M. – Pařil, P. 2023: Combined effect of stream drying and nutrient enrichment on macroinvertebrate community – experimental study from artificial stream mesocosms. – *Aquatic Sciences* **85**: 23 **IF= 2.0, SJR=Q1**, DOI: [10.1007/s00027-022-00924-w](https://doi.org/10.1007/s00027-022-00924-w)
- Haubrock, P.J. – Ahmed, D.A. – Cuthbert, R.N. – Stubbington, R. – ... – **Csabai, Z.** – ... – Haase, P. 2022: The invasion impacts and dynamics of a European-wide introduced species. – *Global Change Biology* **28**(15):4620–4632. **IF= 11.6, SJR= D1/Q1**, DOI: [10.1111/gcb.16207](https://doi.org/10.1111/gcb.16207)
- Stubbington, R. – Sarremejane, R. – Laini, A. – Cid, N. – **Csabai, Z.** – ... – Datry, T. 2022: Disentangling responses to natural stressor and human impact gradients in river ecosystems across Europe. – *Journal of Applied Ecology* **59**(2): 537–548. **IF= 5.7, SJR= D1/Q1**, DOI: [10.1111/1365-2664.14072](https://doi.org/10.1111/1365-2664.14072)
- Straka, M. – Polášek, M. – **Csabai, Z.** – – Pařil, P. 2021 Stream drying bioindication in Central Europe: A Biodrought index accuracy assessment. – *Ecological Indicators* **130**: 108045, **IF= 6.263, SJR= Q1**, DOI: [10.1016/j.ecolind.2021.108045](https://doi.org/10.1016/j.ecolind.2021.108045)
- Ficsór, M. – **Csabai, Z.** 2021: Longitudinal zonation of larval Hydropsyche (Trichoptera: Hydropsychidae) – abiotic environmental factors and biotic interactions behind the downstream sequence of Central European species. – *Hydrobiologia* **848**: 3371–3388. **IF= 2.822, SJR= Q1**, DOI: [10.1007/s10750-021-04602-0](https://doi.org/10.1007/s10750-021-04602-0)
- Turić, N. – Temunović, M. – Szivák, I. – Herczeg, R. – Vignjević, G. – **Csabai, Z.** 2021: Importance of floodplains for water beetle diversity: a crucial habitat for the endangered beetle *Graphoderus bilineatus* in Southeastern Europe. – *Biodiversity and Conservation* **30**: 1781–1801., **IF= 4.296, SJR= Q1**, DOI: [10.1007/s10531-021-02168-w](https://doi.org/10.1007/s10531-021-02168-w)
- Pernecker, B. – Czirok, A. – Mauchart, P. – Boda, P. – Móra, A. – **Csabai, Z.** 2021: No experimental evidence for vector-free, long-range, upstream dispersal of adult Asian clams [*Corbicula fluminea* (Müller, 1774)] – *Biological Invasions* **23**: 1393–1404., **IF= 3.605, SJR= Q1**, DOI: [10.1007/s10530-020-02446-8](https://doi.org/10.1007/s10530-020-02446-8)

- Boda, P. – Bozók, T. – Móra, A. – Krasznai-K, E.A. – Várbíró, G. – **Csabai, Z.** 2021: Restoration mediated alteration induce substantial structural changes, but negligible shifts in functional and phylogenetic diversity of a non-target community: a case study from a soda pan. – *Hydrobiologia* **848**: 857–871. **IF= 2.822, SJR= Q1**, DOI: [10.1007/s10750-020-04494-6](https://doi.org/10.1007/s10750-020-04494-6)
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- Pernecker, B. – Mauchart, P. – **Csabai, Z.** 2020: What to do if streams go dry? Behaviour of Balkan Goldenring (*Cordulegaster heros*, Odonata) larvae in a simulated drought experiment in SW Hungary. – *Ecological Entomology* **45**(6): 1457–1465, **IF= 2.465, SJR= Q1**, DOI: [10.1111/een.12931](https://doi.org/10.1111/een.12931)
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Grants and funding:

(PI principal investigator, P participant)

Research grants: H2020 Research Grant ‘DRYvER’ (869226, PI, WP-leader, DRN-leader), European Union/Hungarian Government Operational Programs (PI=2, P=3), Hungarian Research Fund (PI=1, P=4), Hungarian Environmental Fund (PI=1, P=3) & small-scale research projects funded by National Park Directorates, Ministries, Non-profit organizations and companies (PI=38, P=10).

Networking grants: EU COST ACTION (2 times: “SMIRES” CA15113, 2016-2020 and “DNAqua.NET” CA15219, 2016-2020), Campus Hungary Scholarship (2 times), Erasmus+ teacher mobility grants (5 times), Hungarian conference

organization grant (2 times), University of Pécs “Short Visits to partner University” grant (4 times).

Personal grants: János Bolyai Scholarship (for 3 years), University of Debrecen Pre-doc grant, PHD grant.

Professional society and association memberships: 2011–2014 Hungarian Biodiversity Research Society, 2007–2009 Society for Conservation Biology (SBC), 2004–2010 International Association for Ecology (INTECOL), 2000–2021 Hungarian Ecological Society (MÖTE), 1999–2006 Hungarian Hydrological Society (Limnology), 1999–present Balfour-Browne Club, 1997–2018 Hungarian Entomological Society, 1996–2001 Biology Students Association in Debrecen (DeBiHal, founder, 1996–1998 Chair).

Reviews for: Hydrobiologia, Science of the Total Environment, Fundamental and Applied Limnology, Peer J, Journal of Insect Conservation, Wetlands, Ecological Indicators, Physiology and Behavior, Zootaxa, Aquatic Insects, Journal of Odonatology, The European Journal of Zoology, Biologia, North-Western Journal of Zoology, Journal of Thermal Biology, Annales Zoologici Fennici, Annales de la Société entomologique de France, Természetvédelmi közlemények, Hidrológiai Közlöny, Acta Biologica Debrecina Supplementum Oecologica Hungarica, Munis Entomology and Zoology, Turkish Journal of Zoology, Acta Musei Moraviae, Silva Gabreta, Travaux du Muséum National d'Histoire Naturelle Grigore Antipa

Short stays abroad: 2024: Ionian Islands: Kefalonia, Lefkada, Zakynthos, fieldwork (3 weeks), 2019: Cyprus University of Technology (CUT), Cyprus (4+1 weeks, DNAqua-Net STSM), 2018: Malta College for Arts, Science and Technology (MCAST), Malta (2 weeks, joint field work), 2017: University of Łódź, Department of Invertebrate Zoology and Hydrobiology, Łódź, Poland (5 days, Erasmus+), 2016: University of South-Bohemia, Department of Ecosystem Biology, České Budějovice, Czech Republic (5 days, Erasmus+), 2016: Masaryk University, Department of Botany and Zoology, Brno, Czech Republic (5 days), 2015: University of South-Bohemia, Department of Ecosystem Biology, České Budějovice, Czech Republic (3 days), 2015: Masaryk University, Department of Botany and Zoology, Brno, Czech Republic (5 days, Erasmus+), 2014: University of South-Bohemia, Department of Ecosystem Biology, České Budějovice, Czech Republic (1 month), 2013: Masaryk University, Department of Botany and Zoology, Brno, Czech Republic (5 days), 2012: Masaryk University, Department of Botany and Zoology, Brno, Czech Republic (5 days), 2011: Babes-Bolyai University, Cluj-Napoca, Romania (3 days), 2010: Kerkira, Greece (2 weeks, field work), 2008: University of Oulu, Oulu, Finland (1 month, including field work), 2008: Natural History Museum of Crete and Thalassocosmos (HCMR), Crete, Greece (3 weeks, field work), 2007: University of Oulu, Oulu, Finland (3 weeks, incl. field work), 2007: Hydrobiological Station of Hellenic Centre for Marine Research, Rodos, Greece (2 weeks, field work).

Conferences, meetings, workshops attended:

Oral presentations: **223**, from which 63/160 as speaker/co-author, 64 at international events

Poster presentations: **93**, from which 24/69 as presenter/co-author, 32 at international events

International conferences and meetings:

- Symposium for European Freshwater Sciences (7–12th SEFS), 7 times between 2011–2023 in Girona, Münster, Geneva, Olomouc, Zagreb, Dublin (online), Newcastle (not in person).

- Central European Symposium for Aquatic Macroinvertebrate Research (1–4th CESAMIR), 2014–2024, 4 times in Szarvas (2014), Pécs (2016), Łódź (2018), Stará Lesná (2024)
- European Congress of Entomology (9th ECE), 2010, Budapest (Local organizer of Aquatic Insects Symposium)
- Congress of International Association of Theoretical and Applied Limnology (29–30–32th SIL), 3 times between 2004–2013 in Lahti, Montreal, Budapest
- COST Action MC & WG meetings & workshops, 2016–2019, 16 times in Bruxelles, Lyon, Essen, Évora, Sarajevo, Braga, Pécs, Budva, Nis, Limassol, Nitra, Bratislava, Tirana
- and many further international events, e.g. Symposium Internationale Entomofaunisticum Europae Centralis (SIEEC), International Colloquium on Amphipoda (ICA), International Symposium on Chironomidae (ISC), International Symposium on Trichoptera (IST), Fresh Blood for Fresh Water (FBFW), European Congress of Conservation Biology (ECCB), BESAG Temporary Streams Workshop, International Symposium of Ecologists of Montenegro (ISEM)

National conferences and meetings:

- Annual meeting of Hungarian Hydrobiologists (41st–66th Hidrobiológus napok), 19 times between 1999–2025 in Tihany.
- Hungarian Aquatic Macroinvertebrate Research Conference (1st–17th MaViGe), 17 times between 2004–2025 in Debrecen, Pécs, Göd, Tihany, Nyíregyháza, Villány, Sümeg, Jósvalfő, Gyula, Szalafő, Szarvas, Csapod, Pécs, Debrecen, Agárd, Tihany, Debrecen (1st–12th Chair of the organizing committee)
- Hungarian Ecological Congress (5–7, 9th MÖK), 4 times between 2000–2012 in Debrecen, Gödöllő, Budapest, Keszthely
- Hungarian Biodiversity Day (5–11th Biodiverzitás nap), 7 times between 2009–2013 in Mindszentkál, Nagymákfa, Bátorliget, Esztergom, Bősárkány, Kiskunhalas, Cserkút (local organizer).
- and many further national events, e.g. Student conferences in Biology and in Environmental Sciences as reviewer and session chair, Hungarian Conference on Conservation Biology (HCCB, 3 times, 1 invited lecture), Conference on Tisza River Research, Synzoological Symposium (3 times, 1 plenary lecture).

Awards:

- 2024: „Hámori József Publikációs díj” (Best paper award 2023, UP/FS)
- 2023: The European Union Prize for Citizen Science – ‘Honorary mention’ – DRYRivERS citizen science project and mobile application.
- 2022: „Most influential talk” award (63rd Annual Meeting of Hungarian Hydrobiologists („Hidrobiológus napok”, *Ficsór* and *Csabai*)
- 2021: „Most influential talk” award (62nd Annual Meeting of Hungarian Hydrobiologists („Hidrobiológus napok”, *Csabai* et al.)
- 2017: „Best poster prize” award (10th Symposium for European Freshwater Sciences, Olomouc, Czech Republic, *Pernecké* et al.)
- 2013: „2nd poster prize” (8th Symposium for European Freshwater Science, Münster, Germany, *Mauchart* et al.)

- 2012: „Best poster” (9th Hungarian Ecological Congress, Keszthely, Hungary *Bereczki et al.*),
- 2009: „Best poster” (51st Annual meeting of Hungarian Hydrobiologists, Tihany, Hungary, *Mauchart et al.*)
- 2007: „Best publication of the year 2006” (University of Pécs)
- 2007: „Best teacher of the year 2006” (University of Pécs, Environmental Sciences)

Other scientific activities:

- 1998–2016 *Acta Biologica Debrecina Supplementum Oecologica Hungarica*, editor of selected issues, member of the editorial board.
- 2003–present: Founder and chair, later member of the organizing committee of the "*Hungarian Aquatic Macroinvertebrates Research Conferences (MaViGe)*".
- 2005–present: Supervisor in Pál Juhász-Nagy Doctoral School of University of Debrecen
- 2006–2013 Member of the IT Committee of the Faculty of Science of UP
- 2007–present Supervisor in and regular member (2011–) of the Council of the Biology and Sportbiology Doctoral School of the University of Pécs
- 2010–2013 and 2015–2018: Member of the Council of the Faculty of Sciences of UP
- 2013–present: Founder, chair, later member of the scientific committee of the “*Central European Symposium for Aquatic Macroinvertebrate Research (CESAMIR)*” conference series.
- 2016–2023: Member of the Benchmarking Committee of the Faculty of Sciences of UP

Teaching activity and theses supervised (more detailed information can be found below)

- Courses taught:** Various set of courses in Systematics, Ecology, Limnology, Biostatistics for BSc and MSc students and Biostatistics, Challenges in Scientific Communication, Citizen Science, and Advances in Synbiology for PhD Students.
- Education management activity:** Head of Limnology MS degree programme, Author of various teaching materials, Regular member of the Council of Biology and Sport Biology Doctoral School at University of Pécs, Participation in accreditation processes of BS and MS programmes (Biology, Environmental Sciences, Limnology), Member of the benchmarking committee.
- Ph.D. theses supervised:** Pál Boda (2010), Ákos Molnár (2015, as consultant), Ildikó Szivák (2013), Réka Boda (2015), Péter Mauchart (2019), Márk Ficsór (2024), Tamás Bozóki (2024), Bálint Pernecker (2025), Bernadett Boóz (2025), Khouloud Sebteoui (2025), Dorottya Hárságyi (2025), Ongoing: Anita Szloboda (expected 2026), Martin Drenovác (expected 2027), Athina Papatheodoulou (expected 2027), Zsolt Kovács, (expected 2028).
- Participation in doctoral degree processes:** Mónika Tóth (2012 DE), Róbert Herczeg (2013 PTE), Attila Trunk (2014 PTE), Ádám Egri (2014 ELTE), Miklós Blahó (2016 ELTE), Horváth Adrienn (2018 PTE), Dénes Száz (2019 ELTE), Alexandra Farkas (2019 ELTE), Dávid Szép (2020 PTE).
- M.Sc. thesis (co-)supervised:** Anna Király (2002), Kornél Szilágyi (2003), Tibor Varju (2003), Pál Boda (2005), Ákos Molnár (2005), Enikő Kovács (2006, co-supervisor), András Gulyás (2007), Péter Ács (2007), Zoltán Kálmán (2009), András Kálmán (2010), Tamás Zoltán Kovács (2010), Réka Boda (2010), Barna Páll-Gergely (2011), Péter Mauchart (2012), Bálint Pernecker (2014), Bernadett Reitzi (2014), Eszter Drávecz (2014), Alexandra Hencz (2016), Enikő Karádi (2018), Ádám Mészáros (2019), Estera Garajova (2019), Hedvig Kriszta Csapó (2019), Zsolt Kovács (2024), Patrik Kis (2024).
- B.Sc. thesis (co-)supervised:** Orsolya Horváth (2010), Dániel Szappanos (2010), Péter Mauchart (2010), Nikoletta Méhes (2010), Bálint Pernecker (2011), Bernadett

Reitzi (2012), Adrienn Dimák (2015), Fanni Rátky (2015), Anita Zsiga (2015), Zsófia Varga (2016), Eszter Sebestyén (2017), Estera Garajova (2017), Hanna Pankaczi (2022), Johanna Várkonyi (2025).

Student congress thesis supervised: 22 theses: 1st award: 5, 2nd award: 3, 3rd award: 2 in national turns.

Hobbies: cooking, movies, gigs, outing and travelling with my family.

Motto: Researcher by curiosity, metalhead by heart, foodie by choice

17 July 2026, Pécs, Hungary