

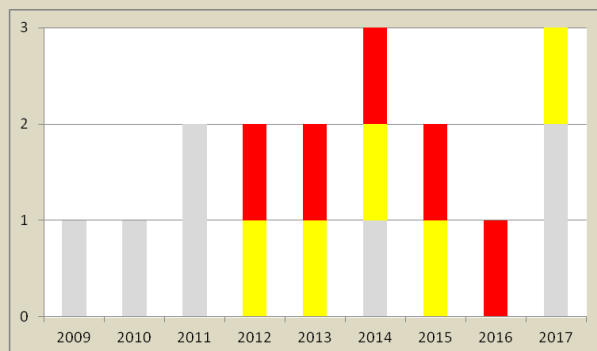
Residence: **Timișoara, Timiș, 300115 RO**
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 Personal web page: **http://www.lucianparvulescu.crayfish.ro**
 Researcher ID: **A-1278-2012**
 ORCID: **0000-0002-1528-1429**



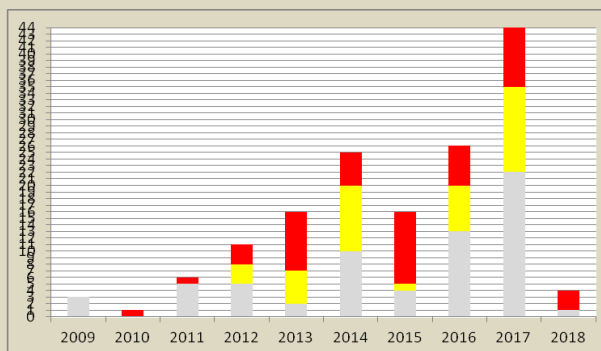
Lucian Pârvulescu

Personal informations	Birth: 11 May 1975	Nationality: Romanian
	Domicile: Vermeș, Caraș-Severin, 327425 RO	Marital status: single
Scientific title	Doctor In biology <i>Aquatic communities of the malacostraca (Crustacea: Malacostraca) from Anina Mountains</i> Professor Nicolae Tomescu, Babeș-Bolyai University	
Current position	Associate Professor Department of Biology-Chemistry West University of Timisoara, Faculty of Chemistry, Biology, Geography	
Scientometry	Hirsch index = 8	Habilitation score I = 241 (of 150) T = 425 (of 250) <small>according to OMERYS 6129 / 20 Dec 2016</small>
		ISI Web of Science™ papers = 17 Cumulated impact factor = 26.751 Average impact factor = 1.573 ISI Web of Science™ citations = 152
Interest	Freshwater ecology and biogeography	
Highlights	Crayfish; Danube basin; Distribution; Freshwater ecology; Invasive species; Spatial ecology	

Papers in ISI Web of Science™
2009 – 2016



Citations in ISI Web of Science™
2009 – 2016



Journal rank **Q1**, **Q2**, **Q3-Q4**

Feature papers

- Pârvulescu L, Zaharia C, Groza MI, Csillik O, Satmari A, Drăguț L (2016) Flash-flood potential: a proxy for crayfish habitat stability. *Ecohydrology* 9: 1507–1516
- Pârvulescu L, Pîrvu M, Moroșan LG, Zaharia C (2015) Plasticity in fecundity highlights the females' importance in the spiny-cheek crayfish invasion mechanism. *Zoology* 118: 424–432
- Pârvulescu L, Zaharia C, Satmari A, Drăguț L (2013) Is the distribution pattern of the stone crayfish in the Carpathians related to karstic refugia from Pleistocene glaciations?. *Freshwater Science* 32: 1410–1419

Diplomas and Education	PhD Degree <i>Biology/Zoology</i> promotion 2007 – 2010	Babeş-Bolyai University Faculty of Biology and Geology	Cluj-Napoca
	MSc Degree <i>Development Biology and Genetics</i> promotion 2005 - 2007	West University of Timișoara Faculty of Chemistry, Biology, Geography	Timișoara
	BSc Degree promotion 2001 – 2005	West University of Timișoara Faculty of Chemistry, Biology, Geography	Timișoara
	Pedagogical Module promotion 2001 – 2005	West University of Timișoara DpPPD	Timișoara
	Baccalaureat Degree promotion 1989 - 1993	Nurse School	Arad
Work experience	Oct. 2017 - present	West University of Timișoara	Timișoara
	Associate Professor – full time, permanent position		
	Oct. 2011 - Sept. 2017t	West University of Timișoara	Timișoara
	Lecturer – full time, permanent position		
	Oct. 2006 – Sept. 2011	West University of Timișoara	Timișoara
	Assistant		
	2005 - 2006	West University of Timișoara	Timișoara
Assistant – part time			
1994 - 2001	Medical Dispensary, General Medicine	Com. Vermeș	
Nurse – full time			
Grants	Mechanism of alien crayfish invasion in the lower Danube		
	<p>Principal investigator: Dr. Lucian Pârvulescu Host institution: West University of Timisoara Duration: 2 years (2015-2017) Funding source: PN II HUMAN RESOURCES “Young Teams of Researchers” Project ID: PN-II-RU-TE-2014-4-0785 Total value: 549,162.00 lei (124,809.55 €) Scientific results: Pârvulescu et al (2015); Pârvulescu et al (2016); Lele & Pârvulescu (2017); Pârvulescu et al (2017)</p>		
The stone crayfish (<i>Austropotamobius torrentium</i>), distribution in Romanian habitats, ecology and genetics of the populations			
<p>Principal investigator: Dr. Iorgu Petrescu Host institution: “Grigore Antipa” National Museum of Natural History Duration: 3 years (2008-2011) Funding source: PN II IDEI “Exploratory Research Projects” Project ID: PN-II-ID-PCE-2008-2-1458 Total value: 545,448.00 lei Role in the Project: researcher responsible for the implementation and the coordination of data collection in the field, data processing and distribution ecology of the species</p>			

Scientific results: Pârvulescu & Hamchevici (2010); Pârvulescu et al (2011); Pârvulescu & Zaharia (2013); Pârvulescu et al (2013); Pârvulescu & Zaharia (2014); Copilaș-Ciocianu (2014); Pîrvu et al (2015)

Other contracts

Monitoring the conservation status of community invertebrate species in Romania

Project manager: Dr. Simona Mihăilescu
Host institution: Institute of Biology, Bucharest
Duration: 12 months (06.2014-06.2015)
Funding source: Operational Programme 'Environment', Priority axis 4
Project ID: SMIS-CSNR 17655
Total value: 3,100,000.00 lei
Role in the Project: **key expert**

Results: Invertebrates guide (2015)

Developing creativity and capacity for innovation through interdisciplinary approaches and facilitate insertion on the labor market

Project manager: Dr. Isvoran Adriana
Host institution: West University of Timisoara
Duration: 18 months (2014-2015)
Funding source: European Social Funds and Ministry of Labour, Family and Social Protection
Project ID: POSDRU/161/2.1/G/133468
Total value: 2,165,970.00 lei
Role in the Project: **expert** responsible by the practicum stages

Implementation of Natura 2000 Network in Romania

Project manager: Dr. Owen Mountford
Host institution: Ministry of Environment and Sustainable Development
Duration: 6 months (04 – 09. 2007)
Funding source: PHARE RO 2004/016-772.03.03.6.01
Project ID: EuropeAid/12/12160/D/SV/RO
Role in the Project: **non-key expert** responsible of data collection of the 92/43 EEC crustacean species in Romania

Rezults: *Austropotamobius torrentium* fact sheet (2008)

Research activity

ISI Web of Science™ publications (Core Collection®)

17. Pârvulescu L, Togor A, Lele SF, Scheu S, Șinca D, Panteleit J (2017) First established population of marbled crayfish (Decapoda, Cambaridae) in Romania. *BioInvasions Records* 6: 357–362

16. Lele SF, Pârvulescu L (2017) Experimental evidence of the successful invader *Orconectes limosus* outcompeting the native *Astacus leptodactylus* in acquiring shelter and food. *Biologia* 72: 877–885

15. Pacioglu O, Pârvulescu L (2017) The chalk hyporheic zone: a true ecotone?. *Hydrobiologia* 790: 1–12

14. Pârvulescu L, Zaharia C, Groza MI, Csillik O, Satmari A, Drăguț L (2016) Flash-flood potential: a proxy for crayfish habitat stability. *Ecohydrology* 9: 1507–1516

13. Pârvulescu L, Pîrvu M, Moroșan LG, Zaharia C (2015) Plasticity in fecundity highlights the females' importance in the spiny-cheek crayfish invasion mechanism. *Zoology* 118: 424–432

12. Pîrvu M, Zaharia C, Satmari A, Pârvulescu L (2015) Spatial ecology of *Hydropsyche incognita* (Trichoptera: Hydropsychidae) in the Carpathians. *European Journal of Entomology* 112: 106–113

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11. Copilaş-Ciocianu D, Grabowski M, **Pârvulescu L**, Petrusek A (2014) Zoogeography of epigean freshwater Amphipoda (Crustacea) in Romania: fragmented distributions and wide altitudinal variability. *Zootaxa* 3893: 243–260
 10. Schrimpf A, Theissinger K, Dahlem J, Maguire I, **Pârvulescu L**, Schulz HK, Schulz R (2014) Phylogeography of noble crayfish (*Astacus astacus*) reveals multiple refugia. *Freshwater Biology* 59: 761–776
 9. **Pârvulescu L**, Zaharia C (2014) Distribution and ecological preferences of noble crayfish in the Carpathian Danube basin: biogeographical insights into the species history. *Hydrobiologia* 726: 53–63
 8. **Pârvulescu L**, Zaharia C, Satmari A, Drăguţ L (2013) Is the distribution pattern of the stone crayfish in the Carpathians related to karstic refugia from Pleistocene glaciations?. *Freshwater Science* 32: 1410–1419
 7. **Pârvulescu L**, Zaharia C (2013) Current limitations of the stone crayfish distribution in Romania: Implications for its conservation status. *Limnologica* 43: 143–150
 6. Schrimpf A, **Pârvulescu L**, Copilaş-Ciocianu D, Petrusek A, Schulz R (2012) Crayfish plague pathogen detected in the Danube Delta – a potential threat to freshwater biodiversity in southeastern Europe. *Aquatic Invasions* 7: 503–510
 5. **Pârvulescu L**, Schrimpf A, Kozubíková E, Cabanillas Resino S, Vrålstad T, Petrusek A, Schulz R (2012) Invasive crayfish and crayfish plague on the move: first detection of the plague agent *Aphanomyces astaci* in the Romanian Danube. *Diseases of Aquatic Organisms* 98: 85–94
 4. Schrimpf A, Schulz HK, Theissinger K, **Pârvulescu L**, Schulz R (2011) The first large-scale genetic analysis of the vulnerable noble crayfish *Astacus astacus* reveals low haplotype diversity of Central European populations. *Knowledge and Management of Aquatic Ecosystems* 401, 35
 3. **Pârvulescu L**, Pacioglu O, Hamchevici C (2011) The assessment of the habitat and water quality requirements of the stone crayfish (*Austropotamobius torrentium*) and noble crayfish (*Astacus astacus*) species in the rivers from the Anina Mountains (SW Romania). *Knowledge and Management of Aquatic Ecosystems* 401, 03
 2. **Pârvulescu L**, Hamchevici C (2010) The relation between water quality and the distribution of *Gammarus balcanicus* Schaferna 1922 (Amphipoda: Gammaridae) in the Anina Mountains. *Carpathian Journal of Earth and Environmental Sciences* 5(2): 161–168
 1. **Pârvulescu L**, Paloş C, Molnar P (2009) First record of the spiny-cheek crayfish *Orconectes limosus* (Rafinesque, 1817) (Crustacea: Decapoda: Cambaridae) in Romania. *North-Western Journal of Zoology* 5: 426–428

JCR® rank ■ Q1, ■ Q2, ■ Q3-Q4

Other International Databases scientific papers (BDI):

11. **Pârvulescu L** (2012) Distribution and ecological preferences of the stone crayfish *Austropotamobius torrentium* (Schrank, 1803) (Decapoda: Astacidae) in the north-west Romania. *Travaux du Museum National d'Histoire Naturelle "Grigore Antipa"* 55: 41–50
 10. Copilaş-Ciocianu D, **Pârvulescu L** (2012) Faunistic overview upon the aquatic malacostracans (Crustacea, Malacostraca) of Cefa Nature Park (Crişana, Romania). *Transylvanian Review of Systematical and Ecological Research* 13: 99–106
 9. Eftenoiu CC, Petrovici M, **Pârvulescu L** (2011) Assessment on the Ephemeroptera distribution (Insecta) in relation with aquatic parameters in different rivers from Aninei Mountains (SW Romania). *AAEL Bioflux* 4(1): 27–39
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8. Copilaş-Ciocianu D, **Pârvulescu L** (2011) New record of the Amur sleeper *Perccottus glenii* Dybowski, 1877 (Pisces: Odontobutidae), the first record in the Romanian Mureş River Basin. *Bihorean Biologist* 5(1): 73–74
7. **Pârvulescu L**, Petrescu I (2010) The distribution of stone crayfish *Austropotamobius torrentium* (Schrank, 1803) (Crustacea: Decapoda: Astacidae) in the south-west Romanian mountain and sub-mountain area. *Travaux du Museum National d'Histoire Naturelle "Grigore Antipa"* 53: 103–113
6. Boboescu I, **Pârvulescu L**, Deju R (2010) Water mites (Acari, Hydrachnidia) from the Vânători Neamţ Nature Park (Romania). *Studii și Cercetări Științifice Universitatea Bacau Seria Biologie* 19: 92–99
5. **Pârvulescu L** (2010) Comparative biometric study of crayfish populations in the Anina Mountains (SW Romania) hydrographic basins. *Studia Universitatis Babeş–Bolyai Biologia* 55(1): 3–15
4. Dumbravă-Dodoacă M, Ogrin MF, Pützschler JA, **Pârvulescu L** (2010) The distribution of caddisfly fauna (Insecta: Trichoptera) in Aninei Mountains (Southwestern Romania). *Analele Universității din Oradea Fascicula Biologie* 17(1): 95–99
3. **Pârvulescu L** (2009) The epigeal freshwater malacostracans (Crustacea: Malacostraca) of the rivers in the Anina Mountains (SW Romania). *Studia Universitatis Babeş–Bolyai Biologia* 54(2): 3–17
2. **Pârvulescu L** (2008) The aquatic malacostracean fauna (Crustacea: Malacostraca) from the Mehedinți Plateau Rivers. *Studia Universitatis Babeş–Bolyai Biologia* 53(2): 17–24
1. **Pârvulescu L** (2007) The nesting of Common Teal *Anas crecca* L., 1758 (Aves: Anseriformes: Anatidae) in Romania. *Travaux du Museum National d'Histoire Naturelle "Grigore Antipa"* 50: 283–287
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Public presentations

- 2016, 5-8 September – **International Association of Astacology (IAA) 21th Symposium**, Madrid, Spain. Oral presentation:
- The future of endangered *Austropotamobius torrentium* (Schrank 1803) in the light of protected areas and habitat fragmentation: a case study from the Carpathians
- Co-author:
- Adaptive response to early dominance of an acute invader? A case study of native crayfish populations recovery in the Lower Danube. The poster has received the "Outstanding Student Poster Award", presented by IAA President, Lennart Edsman
- 2015, 7-10 October – **the 5-th Aquatic Biodiversity International Conference**, Sibiu, România, organised by the "Lucian Blaga" University of Sibiu, Romania. Oral presentations:
- Shelter choice prevents crayfish populations drift in streams
- Co-author:
- Assessing the crayfish ability to use anaerobic metabolism under microrefugia conditions
- 2015, 9-12 April – **European Crayfish conference: Research and Management**, Landau, organised by the Koblenz-Landau University, Germany. Member of the Scientific Committee of the conference. Oral presentations:
- Females - the key of success in spiny-cheek crayfish invasion
- Co-author:
- Insights into the stone crayfish history revealed by Romanian populations: a revision of the species' biogeography
 - Crayfish distribution reflect freshwater habitat's stability
 - Narrow-clawed crayfish in the Danube Delta (Romania) and River Dniester (Republic of Moldova) may carry relic crayfish plague genotypes of older outbreaks
- 2014, 14-15 May – **the 6-th Studiuin Oecologicum student conference**, Sibiu, organised by
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the "Lucian Blaga" University of Sibiu, Romania. Scientific committee member, co-author of oral presentations:

- Females – the key of success in spiny-cheek crayfish invasion

2013, 8-11 October – the **4-th Aquatic Biodiversity International Conference**, Sibiu, organised by the "Lucian Blaga" University of Sibiu, Romania. Oral presentations:

- Distribution and ecological preferences of noble crayfish in the Carpathian Danube basin: Biogeographical insights into the species history

Co-author of oral presentations:

- Spatial ecology of *Hydropsyche incognita* (Trichoptera, Hydropsychidae) suggests eastward expansion in the Carpathians
- Proposal of management measures concerning the control of the spiny-cheek crayfish (Decapoda: *Orconectes limosus* Rafinesque, 1817) potential invasion in the lower Romanian Danube watershed

2012, 27-29 November – the **Fifth Edition of Acvapeda Conference**, Szarvas, Hungary. Invited lecturer:

- Current implications in distribution problems of crayfish in Romania

2012, 21-23 November – the **Annual Zoological Congress of "Grigore Antipa" Museum**, Bucharest, organized by the "Grigore Antipa" National History Museum. Oral presentation:

- Distribution pattern of the stone crayfish in Romania is driven by karst – a consequence of the Pleistocene glaciations?

Co-author of oral presentation:

- Phylogeography of the *Gammarus balcanicus* species complex (Crustacea: Amphipoda) in the Carpathian Arc suggests persistent effects of Tertiary sea level changes

2012, 26-31 August – **International Association of Astacology (IAA) 19th Symposium**, Innsbruck, Austria. Oral presentation:

- Distribution pattern of the stone crayfish in Romania is driven by karst – a consequence of the Pleistocene glaciations?

Co-author of oral presentations:

- Crayfish plague pathogen detected in the Danube Delta – a potential threat to freshwater biodiversity in southeastern Europe

First large-scale genetic analysis of the vulnerable noble crayfish *Astacus astacus* in Europe

2011, 23-25 November – the **Annual Zoological Congress of "Grigore Antipa" Museum**, Bucharest, organized by the "Grigore Antipa" National History Museum.

- Current threats of indigenous crayfish species in Romania

2010, 18-20 November – the Congress **Ecology and ecosystems protection**, 9th edition, organized by the „Vasile Alecsandri” University Bacău, Faculty of Sciences.

- An overview of the actual status in *Orconectes limosus* (Decapoda: Cambaridae) invasion in Romania
- Current threats of indigenous crayfish species in Romania

2010, 26-29 October – the European Congress **Crayfish: food, flagships and ecosystem services**, organized by the Laboratoire d'Ecologie, Evolution, Symbiose in Poitiers, France. Posters presented:

- The assessment of the habitat and water quality requirements of the stone crayfish (*Austropotamobius torrentium*) and noble crayfish (*Astacus astacus*) species in the rivers from the Anina Mountains (SW Romania)
- The status of threatened species *Austropotamobius torrentium* (Schrank, 1803) in Romania

Paper published *in extenso* in conference special issue: Pârvulescu et al. (2011)

2009, 12-13 November – the **Annual Zoological Congress of "Grigore Antipa" Museum**, Bucharest, organized by the "Grigore Antipa" National History Museum.

- Abnormal colors and shapes of the body and the appendages of *Austropotamobius torrentium* (Schrank, 1803) in Romania
- Stone crayfish *Austropotamobius torrentium* (Schrank, 1803) in the SW of Romania mountain and submountain area

2009, May – the **Academic Days Symposium**, Timișoara, organized by Romanian Academy, Timișoara branch.

- Traditional laundry, a real threat for Stone crayfish. Căndeni – case study
- Non-indigenous crayfish species (NICS), *Orconectes limosus* in Romania

2008, December – the **Second Annual Meeting of the Monitoring**, Cluj-Napoca, organized by Ornithological Romanian Society.

- Timișoara și păsările ei (Timișoara and its birds), joint projects with City Hall

2008, October – the workshop **Methods for evaluation and monitoring of water quality in Romania**, Cluj-Napoca, organized by the Faculty of Biology and Geology, Department of Ecology and Taxonomy, Babeș-Bolyai University.

2007 – National Seminar and Symposium 2000 Closing of the Twining Project, organized by the **Regional Environmental Protection Agency** Timișoara 23-25 October 2007, giving Pilot Handbook sheets of the 25 pilot sheets of documents habitats and species within the project „Implementation and enforcement of the environmental Aquis focussed on Nature protection in West region” PHARE RO 2004/IB/EN-03

2006, 4-6 December – the **Annual Communication Session and Works to the National Museum of Natural History “Grigore Antipa”**.

- Recent observations on Common Teal (*Anas crecca*, Aves: Anatinae) nesting in Romania

2003. – the **fifth Scientific Session "Ecology and protection of ecosystems"**, Bacău.

- Preliminary studies on diversity of amphipods fauna (*Crustacea: Amphipoda*) in Vânători-Neamț Natural Park

Books

Author books:

5. Pârvulescu L (2018) *Peștii, amfibienii și reptilele din Timișoara*. Editura Universității de Vest, Timișoara: 86 p (**ISBN 978-973-125-602-3**)

4. Pârvulescu L (2010) *Crayfish field guide of Romania*. Editura Bioflux, Cluj-Napoca: 28 p (**ISBN 978-606-8191-08-9**)

3. Uruioc S, Albușescu M, Pârvulescu L (2010) *Din lumea mineralelor și fosilelor*. Editura Eurobit, Timișoara: 62 p (**ISBN 978-973-620-665-8**)

2. Pârvulescu L (2009) *Ghid ilustrat pentru identificarea speciilor de raci din România*, Editura Universității din Oradea, Oradea: 28 p (**ISBN 978-606-759-969-8**)

1. Stănescu D, Pârvulescu L (2008) *Timișoara și păsările ei*, Editura Tempus, Timișoara: 110 p (**ISBN 978-973-1958-04-0**)

Book chapters:

3. Pârvulescu L (2015) Crustacea *In*: Iorgu IȘ (Ed.) *Ghid sintetic pentru monitorizarea speciilor de nevertebrate de interes comunitar din România*, Editura, București: 159 p (**ISBN 978-606-92462-3-8**)

2. Pârvulescu L (2009) O nouă specie de rac pentru România: racul dungat (*Orconectes limosus*) (Crustacea: Decapoda) *In*: Rakosy L, Momeu L (Ed.) *Neobiota din România*, Presa Universitară Clujeană: 110-113 (**ISBN 978-973-610-923-2**)

1. Pârvulescu L (2007) *Austropotamobius torrentium, Alcedo atthis, Charadrius morinellus, Dryocopus martius, Lanius collurio, Pelecanus onocrotalus* *In*: Combroux I, Thiry E, Țoia T

(Ed.) *Caiet de habitate și specii - Fișe pilot*, Editura Balcanic Timișoara, România: 47-49; 105-107; 109-111; 121-123; 125-127; 129-131 (ISBN 978-973-85742-6-7)

Courses:

2. **Pârvulescu L (2012)** *Sistematica și biologia nevertebratelor celomate. Ghid practic*. Editura Bioflux, Cluj-Napoca: 86 p (e-ISBN 978-606-8191-31-7)

1. **Pârvulescu L (2010)** *Sistematica și biologia nevertebratelor acelomate. Ghid practic*. Editura Bioflux, Cluj-Napoca: 76 p (e-ISBN 978-606-8191-01-0)

**Scientific
recognition**

Most cited publications (WoS Core Collection®):

1. Invasive crayfish and crayfish plague on the move: first detection of the plague agent *Aphanomyces astaci* in the Romanian Danube. **Times Cited: 20** (self citations excluded)
2. Crayfish plague pathogen detected in the Danube Delta - a potential threat to freshwater biodiversity in southeastern Europe. **Times Cited: 18** (self citations excluded)
3. First record of the spiny-cheek crayfish *Orconectes limosus* (Rafinesque, 1817) (Crustacea: Decapoda: Cambaridae) in Romania. **Times Cited: 11** (self citations excluded)

Relevant citations:

Schrimpf A, Theissinger K, Dahlem J, Maguire I, Pârvulescu L, Schulz HK, Schulz R (2014) In: Fang, F, Ji Y, Zhao Q, Wang Y, Gao W, Chu K, Sun H (2015) Phylogeography of the Chinese endemic freshwater crab *Sinopotamon acutum* (Brachyura, Potamidae). *Zoologica Scripta* 44: 653–666

Pârvulescu L, Zaharia C, Satmari A, Draguț L (2013) In: Copilaș-Ciocianu D, Petrušek A (2015) The south-western Carpathians as an ancient centre of diversity of freshwater gammarid amphipods: insights from the *Gammarus fossarum* species complex. *Molecular Ecology* 24: 3980–3992

Pârvulescu L, Pacioglu O, Hamchevici C (2011) In: Lagrue C, Podgorniak T, Lecerf A, Bollache L (2014) An invasive species may be better than none: invasive signal and native noble crayfish have similar community effects. *Freshwater Biology* 59: 1982–1995

Pârvulescu L, Hamchevici C (2010) In: Mamos T, Wattier R, Majda A, Sket B, Grabowski M (2014), Morphological vs. molecular delineation of taxa across montane regions in Europe: the case study of *Gammarus balcanicus* Schäferna, (Crustacea: Amphipoda). *Journal of Zoological Systematics and Evolutionary Research* 52: 237–248

Schrimpf A, Pârvulescu L, Copilaș-Ciocianu D, Petrušek A, Schulz R (2012) In: Svoboda J, Strand DA, Vrålstad T, Grandjean F, Edsman L, Kozák P, Kouba A, Fristad RF, Koca SB, Petrušek A (2014) The crayfish plague pathogen can infect freshwater-inhabiting crabs. *Freshwater Biology* 59: 918–929

Pârvulescu L, Schrimpf A, Kozubíková E, Cabanillas Resino S, Vrålstad T, Petrušek A, Schulz R (2012) In: Svoboda J, Strand DA, Vrålstad T, Grandjean F, Edsman L, Kozák P, Kouba A, Fristad RF, Koca SB, Petrušek A (2014) The crayfish plague pathogen can infect freshwater-inhabiting crabs. *Freshwater Biology* 59: 918–929

Pârvulescu L, Schrimpf A, Kozubíková E, Cabanillas Resino S, Vrålstad T, Petrušek A, Schulz R (2012) In: Strand DA, Jussila J, Johnsen SI, Viljamaa-Dirks S, Edsman L, Wiik-Nielsen J, Viljugrein H, Engdahl F, Vrålstad T (2014) Detection of crayfish plague spores in large freshwater systems. *Journal of Applied Ecology* 51: 544–553

Schrimpf A, Pârvulescu L, Copilaș-Ciocianu D, Petrušek A, Schulz R (2012) In: Filipová L, Petrušek A, Matasová K, Delaunay C, Grandjean F (2013) Prevalence of the crayfish plague pathogen *Aphanomyces astaci* in populations of the signal crayfish *Pacifastacus leniusculus* in France: evaluating the threat to native crayfish. *PLoS ONE* 8: e70157E

Pârvulescu L, Schrimpf A, Kozubíková E, Cabanillas Resino S, Vrålstad T, Petrušek A,

Schulz R (2012) In: Filipová L, Petrusek A, Matasová K, Delaunay C, Grandjean F (2013) Prevalence of the crayfish plague pathogen *Aphanomyces astaci* in populations of the signal crayfish *Pacifastacus leniusculus* in France: evaluating the threat to native crayfish. *PLoS ONE* 8: e70157E

Pârvulescu L, Schrimpf A, Kozubíková E, Cabanillas Resino S, Vrålstad T, Petrusek A, Schulz R (2012) In: Strauss A, White A, Boots M (2012) Invading with biological weapons: the importance of disease-mediated invasions. *Functional Ecology* 26: 1249–1261

For the complete list of citations, visit <http://www.lucianparvulescu.crayfish.ro/research.html>

Journal reviewer:

Aquatic Invasions, North-Western Journal of Zoology, Hydrobiologia, BioInvasions Records, Environmental Sciences Group, Travaux du Museum National d'Histoire Naturelle "Grigore Antipa", Freshwater Crayfish, Crustaceana, Knowledge and Management of Aquatic Ecosystems, Journal of Ecology and the Natural Environment, AACL Bioflux

Journal associate-Editor:

AACL Bioflux, Annals of West University of Timișoara, Series of Biology

From 2016, member of the National Research Council (CNCS), acknowledged by [O.M. 5817/24.11.2016](#), President of *Biology and ecology* workgroup of the Romanian National Authority for Scientific Research and Innovation, CNCS-UEFISCDI.

From 2016, member of the Scientific Council of West University of Timisoara.

In 2017, expert for the UEFISCDI PCE-2016 competition (Exploratory Research Projects).

Prizes and Awards

- September 2016 – paper *Pârvulescu et al (2015)* **Research Outcome Prize** given by National Research Council
 - May 2016 – *Recognition Award* for **Bologna teacher**, given by ANOSR (National Alliance of Student Organisations in Romania)
 - December 2015 – paper *Pîrvu et al (2015)* **Research Outcome Prize** given by National Research Council
 - December 2014 – papers *Pârvulescu et al (2013)*, *Pârvulescu & Zaharia (2014)*, *Schrimpf et al (2014)* **Research Outcome Prize** given by National Research Council
 - October 2013 – paper *Pârvulescu & Zaharia (2013)* **Research Outcome Prize** given by National Research Council
 - October 2012 – „10 most cited KMAE papers” with *Pârvulescu et al (2011)*
 - April 2012 – paper *Pârvulescu et al (2012)* **Research Outcome Prize** given by National Research Council
 - September 2009 – *Excellence Award* for **best debut**, given by the Rector of the West University of Timisoara
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Other professional interests

January 2009 **Regensburg University** Germany
Laboratory of molecular biology

- CO1 extraction and amplification using PCR, DNA sequencing for comparing stone crayfish samples from Anina Mts.

Coordinator: Dr. Christoph Schubart

July - December 2007 **National Agency for Environment Protection** Timișoara

Species fact sheets **Editor** of *Austropotamobius torrentium*, *Pelecanus onocrotalus*, *Charadrius morinellus*, *Dryocopus martius*, *Alcedo atthis* and *Lanius collurio*. Handbook of the 25 pilot sheets of habitats and species within the project "Implementation and enforcement of

the environmental Aquis focussed on Nature protection in West region"
PHARE RO 2004/IB/EN-03

2004, 2005 **West University of Timisoara** Timișoara
Contribution to the research project of the Biology Department, Faculty of Chemistry,
Biology and Geography:
Conservation of the Natural Wet Habitat "The Bogs of Satchinez" LIFE-Natura
Project, LIFE 02NAT/RO/8573 (01. 08. 2002).

Responsibilities:

- Aquatic crustaceans collecting and identification

material included in the book:

STĂNESCU, D., 2005, *Mlaștinile de la Satchinez – flora și fauna ariei protejate*, Artpress,
Timișoara, pp. 66-69 (ISBN 973-7836-49-9)

Volunteer	September 2008	Vânători Neamț Natural Park Administration	Vânători Neamț
	May-August 2008	Cheile Nerei-Beușnița National Park Administration	Oravița
	July 2007	Semenic-Cheile Carașului National Park Administration	Reșița
	July 2007	Cheile Bicazului-Hășmaș National Park Administration	Izvorul Mureșului
	August 2007	Cheile Nerei-Beușnița National Park Administration	Oravița
	August 2007	Porțile de Fier Natural Park Administration	Orșova
	August 2007	Călimani National Park Administration	Vatra Dornei
	2003, 2004	Vânători-Neamț Natural Park Administration	Agapia
	2003, 2004	Retezat National Park Administration	Deva
	2005, 2006	Apuseni Natural Park Administration	Oradea

Volunteer Biologist assessing the quality of aquatic habitats by physic-chemical analyses. Faunistic
research in malacostracans (Crustacea: Malacostraca), finished with an Activity Report

Specific photos for Park Archive

May-June 2006, 2007, 2008 **Romanian Ornithological Society** Cluj

Volunteer Biologist in the program

"Common bird monitoring"

Responsibilities:

- Bird monitoring from Vermeș wild area.
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Afiliations Member in **Ponto-Caspian Invasive Species Experts Group PCISEG**, since 2011
Founding member and former president of **BIO-TEAM** Association, since 2008
Member of **International Association of Astacology IAA**, since 2008
Member of **Limnological Society**, since 2003
Contributor to IUCN Red List database (<http://www.iucnredlist.org>)
Contributor to Natura 2000 Romania database (<http://n2k.nationalparks.ro>)

Expositions First place in the 18-th of May 2012 photography contest *Mammals of Mures Floodplain Natural Park*, with photo *Muscardinus avellanarius*

Administrator and webmaster of database Crayfish of Romania (<http://crayfish.ro>)

Webmaster of Biology Department website (www.biologie.uvt.ro)

Webmaster of Chemistry, Biology, Geography Faculty website (www.biologie.uvt.ro)

Administrator and webmaster of BIO-TEAM Association website (<http://bio-team.ro>)

Participation with 6 digital photos in the book **Rakanczai J. (2009): Peisajul născut din ape. Valorile naturale ale zonei Arad-Békés** (The landscape born from water. Arad-Békés area's natural values) (ISBN 978-963-7195-39-6)

Participation with 14 digital photos in the book **Cenușă E. (2009): Specii și habitate de interes comunitar din siturile Natura 2000 – jud. Suceava** (Species and habitats of Community interest in Natura 2000 sites - Suceava County) (ISBN 978-973-8914-33-9)

Between 10 and 31 October 2007 I participated with 22 photographic images: species of Birds listed by the Habitats Directive, Symposium „Natura 2000 in Romania” Bucharest, Timișoara, Cluj Napoca, Craiova and Iași

Language skills English – good

writing	reading	speaking
good	very good	intermediate

Other skills Photographic skills:

- cameras: Nikon D300; Nikon D80
- optics: Sigma EX 50-500mm f4-6.3 HSM; Sigma EX 150mm f2.8 Macro HSM
- software: *Nikon Capture NX*

Computer skills: *Adobe Photoshop, Corel Draw, Inkscape, Statistica, SPSS, PAST, Canoco, HTML, Office* – for Windows

Driving licence: B category

Writing research projects, field trips ability, good organiser, seriousness, experience of teaching and communication.

Timișoara, January 2018

Lucian Pârvulescu

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