

Curriculum Vitae – Bjarni K. Kristjánsson

Professor Department of Fish Biology and Aquaculture

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EDUCATION

Year	Degree	Educational Institution	Location
Higher Education:			
2008	PhD	Department of Zoology, University of Guelph	
2001	M.Sc.	Department of Zoology, University of Guelph	
1997	4th year project	Marine Biology – University of Iceland	
1994	B.S. Biology	University of Iceland	

Courses:

2004 Geometric Morphometrics a NorFa course. Kronlund, The University in Umeå, Sweden, 15-19. March.

1996 Biological divers course a NorFa course, held in Finland – CMAS** diving licence.

1995 – 2007 Various courses in relation to work in rescue teams.

1995 Rangers course

WORK EXPERIENCE

Year	Company / Institution	Location
Academic:		
2011	Professor, Hólar University College – Department of Aquaculture and Fish Biology	
2010	Head of the Department of Aquaculture and Fish Biology	
2017	Visiting Scientist, Uppsala University, Department of Animal Ecology	
2012	Affiliate Faculty Member, Department of Biology of Wildlife, University of Alaska, Fairbanks, USA	
2007 – 2011	Associate Professor Hólar University College – Department of Aquaculture and Fish Biology	
2008	Courtesy Professor, Oregon State University, Department of Fisheries and Wildlife	
2008	Guest scientist EAWAG, department of Aquatic Ecology, Switzerland	
2001 -2007	Specialist Hólar University College – Department of Aquaculture and Fish Biology	
1998 – 2001	Researcher Hólar University College – Department of Aquaculture and Fish Biology	
1995 – 1998	Research Assistant – University of Iceland, Department of Biology	

Awards:

2011 The Biology Society of Iceland – Award for a good start of a career.

Teaching:

2016 Hólar University College, The Icelandic Nature (6 ECTS – With Stefán Óli Steingrímsson), Introduction to aquaculture (6ECTS, 8 lectures), Eggs and larvae (6ECTS, 8 lectures),

2015 Hólar University College, The Icelandic Nature (6 ECTS – With Stefán Óli Steingrímsson), Introduction to aquaculture (6ECTS, 8 lectures), Eggs and larvae (6ECTS, 8 lectures), Arctic fishes (Salisbury University) a three week fieldcourse taught in Iceland

2014 Hólar University College, The Icelandic Nature (6 ECTS – With Stefán Óli Steingrímsson), Introduction to aquaculture (6ECTS, 8 lectures), Eggs and larvae (6ECTS, 8 lectures), Arctic fishes (Salisbury University) a three week fieldcourse taught in Iceland,

2013 Hólar University College, The Icelandic Nature (6 ECTS – With Stefán Óli Steingrímsson), Introduction to aquaculture (6ECTS, 8 lectures), Eggs and larvae (6ECTS, 8 lectures), University of Iceland, Fish Biology.

2012 Hólar University College, The Icelandic Nature (6 ECTS – With Stefán Óli Steingrímsson), Introduction to aquaculture (6ECTS, 8 lectures), Eggs and larvae (6ECTS, 8 lectures), building and maintaining hiking trails (2 ECTS – With Charles Goeman, and Kjartan Bollason, Arctic fishes (Salisbury University) a three week fieldcourse taught in Iceland

2011 Hólar University College, The Icelandic Nature (6 ECTS – With Stefán Óli Steingrímsson), Introduction to aquaculture (6ECTS, 8 lectures), Eggs and larvae (6ECTS, 8 lectures), building and maintaining hiking trails (2 ECTS – With Charles Goeman, and Kjartan Bollason, Arctic fishes (Salisbury University) a three week fieldcourse taught in Iceland

2010 Hólar University College, The Icelandic Nature (6 ECTS – With Stefán Óli Steingrímsson), Introduction to aquaculture (6ECTS, 8 lectures), Eggs and larvae (6ECTS, 8 lectures), Arctic fishes (Salisbury University) a three week fieldcourse taught in Iceland

2009 – Hólar University College, The Icelandic Nature (6 ECTS – With Stefán Óli Steingrímsson)

2008 – Hólar University College, The Icelandic Nature (6 ECTS – With Stefán Óli Steingrímsson), Oregon State University, Wildlife in Agricultural Ecosystems (undergraduate course) – 3 lectures, Fish Conservation (Graduate course) – 3 lectures, Fish Ecology – 4 lab hours (undergraduate course)

2007 – Hólar University College, The Icelandic Nature (6 ECTS – With Stefán Óli Steingrímsson), Developmental Biology of fishes and larviculture (10 ECTS M.S. Course), Biology of Fishes (6 ECTS), United Nation School of Fisheries, aquaculture specialization – 8 lectures on fish biology.

2006 – Contributing to a course for students in the Department of Rural Tourism – Hólar University College, on building and maintaining hiking trails.

2005 – Hólar University College, Fish Biology (6 ECTS), Introduction to Aquaculture (10 lectures), Environmental impact of Aquaculture (2 lectures), Tourist department (3 lectures), Methods in tourist research (10 lectures).

A reading course for M.S. students (10 ECTS), University of Iceland, Student: Þorvarður Hrafn Gíslason

Lecturing on issues of environmental impact of aquaculture, for the United Nations School of Fisheries (5 lectures).

Host of a field course for students from the University Guelph, Canada (3 weeks).

2004 – Hólar University College, The Icelandic Nature (20 lectures) Fiskeldi II, umhverfisfræði (20 lectures). Introduction to Aquaculture (10 lectures), Fish Biology (6 ECTS). Teaching in a course, for students in the Tourist Department – Hólar University College, on building and maintaining hiking trails.

The University of Akureyri, aquaculture, environmental impact (5 lectures), Ecology (4 practical)

2003 – Hólar University College, The Icelandic Nature (20 lectures) Aquaculture II, environmental impact of aquaculture (10 lectures). Teaching in a course, for students in the Tourist Department – Hólar University College, on building and maintaining hiking trails.

Teaching Environmental Impact of Aquaculture for the United Nations School of Fisheries (5 lectures).

Host of a field course for students from the University Guelph, Canada (3 weeks).

2002 – Hólar University College, The Icelandic Nature (20 lectures) course coordinator, Environmental impact of aquaculture – advanced course (6 ECTS).

2001 – Hólar University College, Fish Biology (6 ECTS) and The Icelandic Nature (20 lectures) course coordinator.

Host of a field course for students from the University Guelph, Canada (3 weeks).

2000 – Hólar University College, The Icelandic Nature (20 lectures) course coordinator.

1999 – Hólar University College, The Icelandic Nature (10 lectures)

1998 – University of Iceland, Teaching assistant Ecology (132 practical). Hólar Elementary school (8 lectures).

1997 – University of Iceland, Teaching assistant Ecology (48 practical) and Marine Ecology (50 practical)

1996 - University of Iceland, Teaching assistant Ecology (48 practical), Marine Ecology(8 practical) and Zoology (12 practical). Substitute teacher in Flensborg gymnasium Computers (8 lectures) Biology 103 (8 lectures)

1995 - University of Iceland, Teaching assistant Ecology (24 practical)

1994 – University of Iceland, Teaching assistant Ecology (24 practical) and a summer course in zoology (40 practical)

Courses for the general public:

2000 – 2005 Teaching students from Skagafjörður elementary schools on life in fresh water, 1 – 3 days each year.

2004 – Teaching environmental impact of aquaculture for workers in the industry. 3. February in Húsavík.

2004 – Teaching environmental impact of aquaculture for workers in the industry. 24. February í Skúlagarður in Kelduhverfi
2002 – Teaching environmental impact of aquaculture for workers in the industry. Reyðarfjörður 30. – 31. maí.
2001 – Building and maintaining hiking trails – a course organized by the Tourist Department of Hólar University College. Egilsstaðir.
2000 – Building and maintaining hiking trails – a course organized by the Tourist Department of Hólar University College. Hólar
1988 – 1991 – Evening classes in photography for Lækjarskóli Elementary school.

Student supervision:

Graduate students

PhD:

2014 – Agnes Katharina Kreiling, PhD project, University of Iceland
2014 –2019 Samantha Victoria Beck, PhD project, University of Iceland, co-advisor with Camille Leblanc
2013 – Sigurður Halldór Árnason PhD project, University of Iceland
2011 – Daniel P. Govoni PhD project, University of Iceland, co-supervisor with Jón S. Ólafsson and Mark Wipfli
2009 – 2013 Antoine Millet PhD project, University of Iceland, Co-supervisor with Katja Räsänen. Defense 13. November 2013

M.Sc.

2018 Marlene Kundruhn M.Sc. project, University of Cologne Germany, co-supervisor with Jost Borcherding
2014 – 2016 Coralie Delarue, M.Sc. project (90 ECTS) Hólar University College, co-supervisor with Katja Räsänen
2013 – 2015 Jónína Herdís Ólafsdóttir, M.Sc. project (90 ECTS), Hólar University College, co-supervisor with Jón S. Ólafsson
2013 – Stefán Árnason, M.Sc. project (90 ECTS), Hólar University College (Did not graduate)
2013 – 2015. Jóhann Garðar Þorbjörnsson, M.Sc. project (90 ECTS), Hólar University College, co-supervisor with Jón S. Ólafsson
2013 – 2018. Doriane Combot, M.Sc. project (90 ECTS), Hólar University College
2012 – Romain Theyssset, M.Sc (60 ECTS). project, Hólar University College, co-supervisor with Camille Leblanc (Did not graduate)
2011 – 2012 Tamara Diethelm M.Sc. (30 ECTS),ETH, Switzerland, Co-supervisor with Katja Räsänen
2009 - 2011– Mathew Stephen Seymour M.S. Project (90 ECTS), Holar University College, ,Co-supervisor with Katja Räsänen
2009 – 2010 Andrea Koopmans, M.Sc. (30 ECTS) - Divergence in functional morphology: diet and gill raker structure in threespine stickleback (*Gasterosteus aculeatus*) in Lake Mývatn, Iceland – ETH, Switzerland, Co-supervisor with Katja Räsänen
2009 – 2010 Mike Senn, M.S. Project (60 ECTS), University of Zurich, Phenotypic divergence in reproductive traits of threespine stickleback inhabiting contrasting temperatures Co-supervisor with Katja Räsänen and Ulrich Reyer
2008 – 2011 Daniel P. Govoni M. S. Project (90 ECTS), Holar University College. Life in Springs, Co-supervisor with Jón S. Ólafsson
2006 – Rakel Júlía Sigursteinsdóttir M.S. project , Department of Biology University of Iceland, The connection between morphology and environment in Icelandic lacustrine threespine stickleback (*Gasterosteus aculeatus*). (Did not graduate)
2007 – 2009 Hlynur Reynisson, 4. year project (60 ECTS), Department of Biology, University of Iceland, Diversity in heart and gill size in dwarf charr in relation to ecological factors. Estimation of Graduation in January 2008. co-supervisor.

Committee member:

2013 – Ragnhildur Guðmundsdóttir, PhD project
2007 – 2011 Etienne Kornobis PhD project
2010 -2012 Alexandrou Andreou – M.S. project
2008 – Daniel Ribeiro Fernandes – M.S. project (Did not graduate)

B.S. students

2016 Audrey Pace, 30 ECTS research project for foreign students, Department of Biology University of Iceland.
2013 Jóhann Garðar Þorbjörnsson, 12 ECTS project, Department of Biology University of Iceland.
2006-2007 Hrönn Egilsdóttir, 12 ECTS project, Department of Biology University of Iceland. Dwarf charr around Jökuslá á Fjöllum.

2004-2005 Ingimundur Stefánsson, B.Sc. project Sitting of Marine Aquaculture facilities in Iceland and the Province of British Columbia, Canada: A comparison of guidelines – Co-supervision, University of British Columbia

2004 –2005 Sindri Traustason, 10 ECTS project, Department of Biology University of Iceland. Diversity of stickleback in Belgjarskogur North of lake Mývatn.

2002- 2003 Rakel Júlía Sigursteinsdóttir, 12 ECTS project, Department of Biology University of Iceland. The ecology of a newly discovered population of dwarfed Arctic charr, *Salvelinus alpinus*.

2001 – 2002 Rán Sturlaugsdóttir, 10 ECTS project, Department of Biology University of Iceland. Diversity of threespine stickleback, *Gasterosteus aculeatus* L., in habitats with different stability.

Examiner

2019 – Calum Campell, PhD, University of Glasgow, The effects of climate change on phenotypic plasticity in Arctic charr

2010 – Gintaré Medelyté – Influence of afforestation on invertebrate communities in Icelandic streams

2014 – Viðar Engilbertsson

Research:

1998 – manager on research of ecology and evolution at Hólar University College. I've planned and organized fieldwork, sample collection, sample processing in the laboratory, data analysis, the writing of papers and grant applications. I've been a contact person and assisted foreign collaborators on their research fieldwork in Iceland. Have been in charge of the work of permanent employees, summer assistants and graduate students. 1998 – 2002 the main focus of this research has been on threespine stickleback but since 2001 the focus has turned to the Arctic charr and since 2008 both on Arctic charr and stickleback

2000 – Project manager on research on Icelandic groundwater amphipods.

2001 - 2011 Operation manager for collaborative studies on muscle development in Arctic charr. Project leader Dr Ian Johnston University of St. Andrews, Scotland.

2002 – 2004 Operation manager of the Icelandic partnership of the Aquaflow Project funded by the EU. Attended meetings, and collected information on Aquaculture in Europe. Translation of abstracts and publishing of those on the internet.

1997 – 1998 Research assistant for Dr. Jörundur Svavarsson research project "depth size related patterns of isopods in the deep-sea"

1995 –1997 Research assistant for Dr. Agnar Ingólfsson study on the ecology of juvenile lumpfish.

1993 – 1994 – Summer assistant for Dr. Agnar Ingólfsson study on the ecology of drifting seaweed.

Administration:

2007 –2015 Representing Hólar University College faculty on the Board of governors Hólar University College. I've been assigned to working groups in relation to faculty matters and accreditation, as well as on sub-committee handling the hiring of a new rector in 2012

2010 – Head of the department of Aquaculture and Fish Biology

2010 – Director of division of graduate studies at Hólar University College.

2009 – Director of Academic Affairs at Hólar University College

2012 - Editor of Holar University College Reflective Analysis

2012 – A member of the Ministries of education, Science and Culture on introducing the Bologna system

2011 – A member of a steering committee on introduction of information systems, The Network of Public Universities in Iceland

2011– A member of a steering committee on collaboration in teaching, The Network of Public Universities in Iceland

2011 – 2016 Foreman of the Ministries of Environment committee on introduced species

2011 – 2015 Vice-foreman of the Ministries of Environment committee on genetically modified species

2009-2013 On the Board of the Biology Society of Iceland

2007 – Editor of Holar University College accreditation application

2007 - 2014 A member of Holar University College Academic affairs committee

2007 – 2012 A member of Holar University College quality committee. The committee has organized and worked on application for accreditation.

2007 – A member of collaboration committee between the Department of aquaculture and fish biology and the department of biology at the University of Iceland. The department has designed and organizes a joint B.S. degree in aquatic sciences, as well as collaboration on M.S. studies.

2006 –2008 Representing Holar University College in a committee, created by the Icelandic universities, on the adoption of the Bologna process.

2004 – Chair of the curriculum committee at the department of aquaculture and fish biology. In 2004 the committee worked on developing B.S. degree in aquaculture. The committee has worked on collaboration between Holar and the University of Akureyri towards joint degrees. The committee has worked on the revision of course descriptions, for them to fulfill the requirements set by the Bologna process. The committee developed a M.S. program in Aquatic sciences in 2007.

2002 – Representing Holar in the AquaTnet project funded by the EU. The aim of the project is to improve collaboration in aquaculture teaching in Europe and develop teaching based on the Bologna process.

1998 – 2007 Director of Holar Aquarium

2004 – Acting head of the aquaculture and fish biology department – For three months..

2004 – 2006 Representing The Icelandic Association of Natural scientists (A union) in a collaboration committee of Holar University college and the employee unions, working on local contracts and other staff related issues.

2003 – 2010 Staff Representative of The Icelandic Association of Natural scientists at Holar College

1994 – 1997 Student representative at the department of biology University of Iceland.

1995 – 1997 Student representative in the curriculum committee department of biology University of Iceland

1995 – 1996 Student representative in the curriculum committee department of natural sciences University of Iceland

1995 – 1996 – Student representative at the department of natural sciences University of Iceland.

Conference organization:

2009 and 2011 – Organizing committee of the bi-annual conference of the Biological Society of Iceland.

2010 – Organizing committee of the Frospect workshop, 4. - 6. August 2010

2009 – Organizing committee of the Anniversary conference of the Biology Society of Iceland

2008 –2009 Scientific committee of 6th International Charr symposium, Scotland

2005-2006 5th International Charr symposium, Reykjavik, 2-5 August 2006

2004 Ecology, Ethology, Evolution and Conservation Biology of Fishes – International Conference, Sauðárkrókur, Iceland, 17-21 August 2004

Editorial work:

2009 – Associate editor Environmental Biology of Fishes

2011 – 2014 Associate editor Icelandic Agricultural Science

Other job experience:

1994 – A member of Hjálparsveit Skáta í Kópavogi (The rescue team of Kópavogur), Björgunarsveitinni Gretti, Hofsó (A rescue team of Hofsó) and of a local operation management committee of the rescue teams. A member of Landsstjórn Björgunarsveita that oversees all search and rescue operation of rescue teams in Iceland.

1999 – 2003 Work on projects for The Department of Rural Tourism of Holar University College in relation to development of hiking trails and hiking maps.

1997 Nature warden in Herðubreiðarlindir nature reserve and Askja natural monument

PUBLICATIONS

Year	Title	Publisher	Location
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Thesis:

2008. Fine scale phenotypic diversity of Arctic charr (*Salvelinus alpinus*) in relation to ecological characters. PhD. Thesis, Department of Zoology, University of Guelph, Canada.

2001. Divergence of Icelandic threespine stickleback, *Gasterosteus aculeatus*, to two substrate types in lakes and a recently formed lagoon. M.Sc. Thesis, Zoology Department, University of Guelph.

1997. Ecology of juvenile lumpfish *Cyclopterus lumpus* L. (in Icelandic, with English summary). B. Sc. Honours Research Thesis (Advanced Study), University of Iceland. 80 pp.

1994. Diet of lumpfish *Cyclopterus lumpus* L. in drifting seaweed (in Icelandic). B. Sc. Thesis Research Project, University of Iceland. 25 pp.

Editorial work:

2010

Arnar Pálsson, Bjarni K. Kristjánsson, Hafþís Hanna Ægisdóttir, Snæbjörn Pálsson og Steindór J. Erlingsson (ritstjórar) Arfleifð Darwins: Þróunarfræði, náttúra og menning, Hið Íslenska Bókmenntafélag

Publications:

2018

Beck, S.V., K. Räsänen, E.P. Ahi, B. K. Kristjánsson, S. Skúlason, Z.O. Jónsson and C.A. Leblanc, 2018. Gene expression in the phenotypically plastic Arctic charr (*Salvelinus alpinus*): A focus on growth and ossification at early stages of development. *Evolution and Development* 2018;1-15. DOI: 10.1111/ede.12275. early view

Bjarni K. Kristjánsson and Camille A.L. Leblanc, 2018. Variation in the magnitude of morphological and dietary differences between individuals among populations of small benthic Arctic charr in relation to ecological factors. *Ecology and evolution*. DOI:10.1002/ece3.3761

Govoni, Daniel P., Bjarni K. Kristjánsson, and Jón S. Ólafsson, 2018. Spring type influences invertebrate communities at cold spring sources. *Hydrobiologia*. 808:315-325 DOI 10.1007/s10750-017-3434-6

Kreiling, Agnes-Katharina, Jón S. Ólafsson, Bjarni K. Kristjánsson, 2018 Chironomidae fauna of springs in Iceland – assessing the ecological relevance behind Tuxen’s spring classification, *Journal of Limnology*. doi: 10.4081/jlimnol.2018.1754

Jóhannes Guðbrandsson, Sigríður Rut Franzdóttir, Bjarni K. Kristjánsson, Ehsan Pashay Ahi, Valerie Helene Maier, Kalina Hristova Kapralova, Sigurður Sveinn Snorrason, Zophonías Oddur Jónsson and Arnar Pálsson, 2018, Differential gene expression during early development in recently evolved and sympatric Arctic charr morphs. *PeerJ* 6:e4345; DOI 10.7717/peerj.4345

Guðmundsdóttir, R, E. Kornobis, BK, Kristjánsson, S. Pálsson, 2018, Genetic analysis of ciliates living on the groundwater amphipod *Crangonyx islandicus* (Amphipoda: Crangonyctidae). *Acta Zoologica*, 99:188-198, DOI: 10.1111/azo.12204

Bjarni K. Kristjánsson, Camille A.L. Leblanc, Skúli Skúlason, Sigurður S. Snorrason, and David L.G. Noakes, 2018. Phenotypic plasticity in the morphology of small benthic Icelandic Arctic charr (*Salvelinus alpinus*). *Ecology of Freshwater Fish*. 27:636-645

Þorbjörnsson, Jóhann Garðar, Jónína Herdís Ólafsdóttir, and Bjarni K. Kristjánsson 2018. Diver-operated manual suction pump sampler: a reliable method for sampling benthos on rock substrates. *Aquatic Biology* 27:87-92

2016

Johansson, M.P., F. Ermold, B.K. Kristjánsson, and A. Laurila 2016. Divergence of gastropod life history in contrasting thermal environments in a geothermal lake. *Journal of Evolutionary Biology* 29:2043-2053

Leblanc, C. A, B.K. Kristjánsson and S. Skúlason, 2016. The importance of egg size and egg energy density for early size patterns and performance of Arctic charr *Salvelinus alpinus*. *Aquaculture Research* 47:1100-1111.

Lucek, K., B.K. Kristjánsson, S. Skúlason and O. Seehausen. 2016. Ecosystem size matters: the dimensionality of intralacustrine diversification in Icelandic stickleback is predicted by lake size. *Ecology and Evolution* 6:5256-5272.

2015

Johannes Gudbrandsson, Ehsan, Ahi, Sigridur Franzdottir, Kalina Kapralova, Bjarni Kristjansson, Sophie Steinhauser, Valerie Maier, Isak Johannesson, Sigurdur Snorrason, Zophonias Jonsson, Arnar Palsson, 2015. The developmental transcriptome of contrasting Arctic charr (*Salvelinus alpinus*) morphs. *F1000Research*. 4:136

Kapralova, K. H., Jónsson, Z. O., Pálsson, A., Franzdóttir, S. R., le Deuff, S., Kristjánsson, B. K. and Snorrason, S. S. Bones in motion: Ontogeny of craniofacial development in sympatric arctic charr morphs. *Dev. Dyn.* doi: 10.1002/dvdy.24302

Skúli Skúlason and Bjarni K. Kristjánsson, in (Tomislav Vladić, Erik Petersson eds), *Evolutionary Biology of the Atlantic Salmon*, CRC press

2014

Bjarni K. Kristjánsson, Sigurður S. Snorrason, Camille Leblanc, David L. G. Noakes og Skúli Skúlason 2014. Lífið á jaðrinum: Dvergbleikja (*Salvelinus alpinus*) í íslenskum lindarbúsvæðum. Náttúrufræðingurinn 84:123-131

Lucek, K., A Sivasundar, BK Kristjánsson, S Skúlason, O Seehausen 2014 Quick divergence but slow convergence during ecotype formation in lake and stream stickleback pairs of variable age, *Journal of evolutionary biology*, 27:1878-1892

Ólafsdóttir, GÁ , A Andreou, K Magellan, BK Kristjánsson 2014 Divergence in social foraging among morphs of the three-spined stickleback, *Gasterosteus aculeatus* *Biological Journal of the Linnean Society*, online first

Quintela, M., MP Johansson, BK Kristjánsson, R Barreiro, A. Laurila 2014. AFLPs and Mitochondrial Haplotypes Reveal Local Adaptation to Extreme Thermal Environments in a Freshwater Gastropod, *PLoS one*, 9:e101821

2013

Millet, A., B. K. Kristjánsson, Á. Einarsson, K. Räsänen, 2013. Spatial phenotypic and genetic structure of threespine stickleback (*Gasterosteus aculeatus*) in a heterogeneous natural system, Lake Mývatn, Iceland. *Ecology and Evolution* 3:3219-3232

Seymour, M., R. Holderegger, K. Räsänen and B.K. Kristjánsson, 2013. Connectivity in a pond system influences migration and genetic structure in threespine stickleback, *Ecology and Evolution*, 3:492-502

Woods, P.J., S. Skúlason, S. S. Snorrason, B. K. Kristjánsson, F. Ingimarsson, H. Malmquist, 2013. Variability in the functional role of Arctic charr *Salvelinus alpinus* as it relates to lake ecosystem characteristics. *Environmental Biology of Fishes*, online publication

Karvonen, A., B. K. Kristjánsson, S. Skúlason, M. Lanki, C. Rellstab and J. Jokela, 2013. Water temperature, not fish morph, determines parasite infections of sympatric Icelandic threespine sticklebacks (*Gasterosteus aculeatus*). *Ecology and Evolution*, online publication

2012

Kristjánsson, B.K., S. Skúlason, S. S. Snorrason and D.L.G. Noakes, 2012, Fine scale parallel patterns in diversity of small benthic Arctic charr (*Salvelinus alpinus*) in relation to the ecology of lava/ groundwater habitats, *Ecology and Evolution* 2:1099-1112

Woods, P.J., S. Skúlason, S. S. Snorrason, B. K. Kristjánsson, H. Malmquist, and T. P. Quinn 2012. Intraspecific diversity in Arctic charr, *Salvelinus alpinus*, in Iceland: I. Detection using mixture models. *Evolutionary Ecology Research*. 14:973-992

Woods, P.J., S. Skúlason, S. S. Snorrason, B. K. Kristjánsson, H. Malmquist, and T. P. Quinn 2012. Intraspecific diversity in Arctic charr, *Salvelinus alpinus*, in Iceland: II. What environmental factors influence resource polymorphism in lakes? *Evolutionary Ecology Research*, 14:993-1013

Kimmel Charles B., William A. Cresko, Patrick C. Phillips, Bonnie Ullmann, Mark Currey, Frank von Hippel, Bjarni K. Kristjánsson, Ofer Gelmond, and Katrina McGuigan, 2012. Independent axes of genetic variation and parallel evolutionary divergence of opercle bone shape in threespine stickleback *Evolution* 66:419-434, doi: 10.1111/j.1558-5646.2011.01441.

Kornobis, Etienne , Snæbjörn Pálsson, Dmitry A. Sidorov, John R. Holsinger, Bjarni K. Kristjánsson, 2012, Corrigendum to "Molecular taxonomy and phylogenetic affinities of two groundwater amphipods, *Crangonyx islandicus* and *Crymostygius thingvallensis*, endemic to Iceland", *Molecular Phylogenetics and Evolution*, 62:579-580

Kotrschal A., K. Räsänen, B. Kristjánsson, M. Senn and N. Kolm. 2012. Extreme brain size dimorphism in sticklebacks: a consequence of the cognitive challenges of sex and parenting? *PLoS One*. 7:1-4

Johnston I. A. B. K. Kristjánsson, C. G.P. Paxton, V. L.A. Vieira, D. J. Macqueen and M.A. Bell 2012 Universal scaling rules predict evolutionary patterns of myogenesis in species with indeterminate growth, *Proceedings of the Royal Society B*. 279:2255-2261

2011

Kristjánsson B. K., H.J. Malmquist, F. Ingimarsson, Th. Antonsson, S. S. Snorrason and S. Skúlason 2011. Relationship between lake ecology and morphological characters in Icelandic Arctic charr, *Salvelinus alpinus*. *Biological Journal of the Linnean Society* 103:761-771.

Kristjánsson B. 2011 Þegar við leitum, hverjar eru líkurnar á því að við finnum hinn týnda? *Björgun* 11:14-17

Kapralova K, H., M B Morrissey, B K Kristjánsson, G Á Ólafsdóttir, S S Snorrason and M M Ferguson, 2011 Evolution of adaptive diversity and genetic connectivity in Arctic charr (*Salvelinus alpinus*) in Iceland *Heredity* 106:472-487

Kornobis, Etienne , Snæbjörn Pálsson, Dmitry A. Sidorov, John R. Holsinger, Bjarni K. Kristjánsson, 2011, Molecular taxonomy and phylogenetic affinities of two groundwater amphipods, *Crangonyx islandicus* and *Crymostygius thingvallensis*, endemic to Iceland, *Molecular Phylogenetics and Evolution*, 58:527-539

Leblanc C., D. Benahim, B.R. Hansen, B.K. Kristjánsson and S. Skúlason, 2011. The importance of egg size and social effects for behaviour of Arctic charr juveniles, *Ethology* 117:1-11

Maqueen D., B.K. Kristjánsson, C.G.M. Paxton, V. L.A. Viera, I. A.Johnson, 2011, The parallel evolution of dwarfism in Arctic charr is accompanied by adaptive divergence in mTOR-pathway gene expression, *Molecular Ecology* 20:3167-3184

2010

Bjarni K. Kristjánsson og Skúli Skúlason. Inleiðing Bolognakerfisins við Háskólann á Hólum. Uppeldi og Menntun

Guðbjörg Ásta Ólafsdóttir and Bjarni K. Kristjánsson, Myndun tegunda og afbrigðamyndun íslenskra ferskvatnsfiska í A. Pálsson et al. Arfleið Darwins: Þróunarfræði, náttúra og menning, Hið Íslenska Bókmenntafélag

Kornobis, Etienne, Snæbjörn Pálsson, Bjarni K. Kristjánsson, Jörundur Svavarsson 2010. Molecular evidence of the survival of subterranean amphipods (Arthropoda) during Ice Ages underneath glaciers in Iceland, *Molecular Ecology*, 19:2516-2530,

Macqueen, Daniel J., Bjarni K. Kristjánsson and Ian A. Johnston 2010 Salmonid genomes have a remarkably expanded akirin family, co-expressed with genes from conserved pathways governing skeletal muscle growth and catabolism, *Physiological Genomics*, 42: 134-148,

2008

Egilsdóttir, Hrönn og Bjarni K. Kristjánsson (2008), Dvergbleikja í grennd við Jökulsá á Fjöllum (Icelandic: Small Benthic charr near Jökulsá á Fjöllum). *Náttúrufræðingurinn* 76:109-114

2007

Kristjánsson, Bjarni K. & Jörundur Svavarsson. (2007). Subglacial refugia in Iceland enabled groundwater amphipods to survive glaciations. *The American Naturalist* 170:292-296

Kristjánsson, Bjarni K. & Jörundur Svavarsson. (2007). Grunnvatnsmarflær á Íslandi (Icelandic Groundwater amphipods), *Náttúrufræðingurinn* 75:115-122

2006

Sibthorpe, D. Sturlaugsdóttir, R., Kristjánsson, B.K., Thorarensen, H., Skúlason, S. and Johnston I. 2006. Characterisation and expression of the paired box protein 7 (Pax7) gene in polymorphic Arctic charr (*Salvelinus alpinus*). *Comparative Biochemistry and Physiology, Part B* 145:371-383

Svavarsson, Jörundur and Bjarni K. Kristjánsson. 2006. *Crangonyx islandicus* sp. nov., a subterranean freshwater amphipod (Crustacea, Amphipoda, Crangonyctidae) from springs in lava fields in Iceland. *Zootaxa* 1365: 1–17

2005

Kristjánsson, Bjarni K. 2005. Rapid morphological changes in threespine stickleback, *Gasterosteus aculeatus*, in freshwater, *Environmental Biology of Fishes* 74:357-363

Sigursteinsdóttir, Rákel Júlía & Bjarni K. Kristjánsson. 2005. Parallel evolution, not always so parallel: comparison of small benthic charr, *Salvelinus alpinus*, from Grímsnes and Thingvallavatn, Iceland, *Environmental Biology of Fishes* 74:239-244

2004

Johnston, I.A., M. Abercromby, V.L.A. Vieira, R. J. Sigursteinsdóttir, B.K. Kristjánsson, D. Sibthorpe and S. Skúlason. 2004 Rapid evolution of muscle architecture in post-glacial populations of Arctic charr (*Salvelinus alpinus*). *Journal of Experimental Biology* 207:4343-4360.

Kristjánsson, Bjarni K. & Jörundur Svavarsson. 2004. *Crymostygidae*, a new family of subterranean freshwater gammaridean amphipods (Crustacea) recorded from subarctic Europe. *Journal of Natural History* 38: 1881 – 1894.

Kristjánsson, B. K., Skúli Skúlason & David L. G. Noakes. 2004 Unusual number of pectoral fin rays in an Icelandic population of threespine stickleback (*Gasterosteus aculeatus*) recently isolated in freshwater. *Evolutionary Ecology* 18:379-384

2002

Ingólfsson, Agnar & Bjarni K. Kristjánsson. 2002. The diet of lump sucker (*Cyclopterus lumpus* L.) fry during the first year: change with age and the role of availability of food species. *Copeia* 2002:472-476.

Kristjánsson, Bjarni K., Skúli Skúlason & David L. G. Noakes. 2002, Ecological divergence of Icelandic threespine stickleback (*Gasterosteus aculeatus* L.). *Biological Journal of the Linnean Society* 76:247-257.

Kristjánsson, Bjarni K., Skúli Skúlason & David L. G. Noakes. 2002, Rapid divergence in a recently isolated population of threespine stickleback (*Gasterosteus aculeatus* L.). *Evolutionary Ecology Research* 4:1-14.

Kristjánsson, Bjarni K. & Jorundur Svavarsson. 2002. Cave animal from ancient time (in Icelandic). pp. 177 – 179. In: Petur M. Jonasson & Pall Hersteinsson (editors), Thingvallavatn. (The book won the Icelandic Prize for Literature)

Snorrason, Sigurdur S., Bjarni K. Kristjánsson, Guðbjörg Olafsdóttir, Hilmar J. Malmquist, Lisa Doucette & Skúli Skúlason. 2002. The stickleback (in Icelandic). pp. 203 – 207. In: Petur M. Jonasson & Pall Hersteinsson (editors), Thingvallavatn. (The book won the Icelandic Prize for Literature)

2001

Svavarsson, Jorundur, Bjarni K. Kristjánsson & Torleiv Brattegard. 2001. Depth-size related patterns of marine isopods (Crustacea) in the Nordic Seas: Isopod systematics and evolution, B. Kensley & R. C. Brusca (editors) Crustacean Issues 13: 277-288. CRC press, Rotterdam

1998

Ingólfsson, Agnar & Bjarni Kr. Kristjánsson. 1998. Ecology of lumpfish *Cyclopterus lumpus* L. (in Icelandic). Department of Biology. University of Iceland 64 pp.

1997

Kristjánsson, Bjarni Kr. 1997. Diet of lumpfish *Cyclopterus lumpus* L. in drifting seaweed and in the intertidal (in Icelandic). Fjölrit Hafrannsóknarstofnunnar 57:149-156.

Presentations:

2018

Kristjánsson, B.K., Einarsson Á, Räsänen, K. The importance of ecology, evolution and development in shaping biodiversity of threespine stickleback: Long term monitoring in the dynamic Lake Mývatn, Iceland. 9th International Conference on Stickleback Behavior and Evolution. Kyoto Japan.

Bjarni K. Kristjánsson, Katja Räsänen, Árni Einarsson, Moira Ferguson and Camille Leblanc. 2018. Genetic and phenotypic diversity in Arctic charr inhabiting lava caves near Lake Mývatn. Vistís 2018.

Bjarni Kristjánsson, Skúli Skúlason and Camille Leblanc. 2018. How do ecological factors shape intraspecific biodiversity in Arctic fishes. Arctic Biodiversity Congress 2018. Rovaniemi Finland.

Snorrason, S., Pálsson, A., Sigurgerisson, B., Kristjánsson, B., Xiao, H., Guðrardsson, J., Jónsson, Z., Population genomics of parallel evolution in dwarf forms of Arctic charr in Iceland. 9th International Charr symposium Duluth Minnesota June 18. – 21.

Snorrason, S., Pálsson, A., B., Kristjánsson, Ahi, E., Guðrardsson, J., Kapralova, K., Jónsson, Z., Maier, V., Extensive genetic and expression divergence between recently evolved sympatric Arctic charr morphs. 9th International Charr symposium Duluth Minnesota June 18. – 21.

Pilakouta, N., L. Downie, B. Smith, S. Robertson, J. Humble, B. K. Kristjánsson, S. Skúlason, M. Bellingham, S. S. Killen, J. Lindström, N. Metcalfe, K. J. Parsons. Developing a new model for diabetes research; three-spined sticklebacks from Icelandic hot springs. 9th International Conference on Stickleback Behavior and Evolution. Kyoto Japan.

Pilakouta, N., I. Hill, J. Humble, S. Killen, J. Lindstrom, N. Metcalfe, S. Skúlason, B. K. Kristjánsson, K. Parsons. A look into the future? Morphological and ecological patterns from sticklebacks inhabiting geothermal habitats. 9th International Conference on Stickleback Behavior and Evolution. Kyoto Japan.

Skúli Skúlason, Bjarni K. Kristjánsson, and Camille Leblanc. 2018. Eco-evo-devo framework for the understanding of biodiversity: moving on from a pattern to process oriented view. Arctic Biodiversity Congress 2018. Rovaniemi Finland

2017

Bjarni K. Kristjánsson, Camille A.L. Leblanc. Skúli Skúlason. The evolution of phenotypic diversity in Arctic charr. Arctic char: Ecology, genetics, climate change, and the implication for conservation and management. Reykjavík 31. Okt – 1. November.

Samantha V. Beck , Katja Räsänen , Zophonías O. Jónsson , Skúli Skúlason , Bjarni K. Kristjánsson and Camille A. Leblanc. Harnessing the power of maternal effects for increasing the adaptive potential of a single population through developmental processes Arctic char: Ecology, genetics, climate change, and the implication for conservation and management. Reykjavík 31. Okt – 1. November.

Sigríður Rut Franzdóttir, Ehsan Pashay Ahi, Kalina Kapralova, Valerie, H. Maier, Grétar Guðmundsson, Bjarni Kristófer Kristjánsson, Arnar Pálsson, Sigurður S. Snorrason, Zophonías O. Jónsson. Developmental mechanisms of Arctic charr divergence. Arctic char: Ecology, genetics, climate change, and the implication for conservation and management. Reykjavík 31. Okt – 1. November.

Bjarni K. Kristjánsson, Camille A.L. Leblanc, Skúli Skúlason. Relationships between dietary and morphological differences between individuals within populations of small benthic Arctic charr in Iceland. Líffræðiráðstefnan 2017, 26. – 28. Október

Agnes-Katharina Kreiling, Snæbjörn Pálsson, Jón S. Ólafsson, and Bjarni K. Kristjánsson. Are hot pots hotspots? The invertebrate community of warm springs in Iceland. Líffræðiráðstefnan 2017, 26. – 28. Október

Camille A.-L. Leblanc, Katja Räsänen, Árni Einarsson, Michael Morrissey, Moira Ferguson, Skúli Skúlason, and Bjarni K. Kristjánsson. Living in the lava: ecology and evolution of Arctic charr in caves. Líffræðiráðstefnan 2017, 26. – 28. Október

Ragnhildur Guðmundsdóttir, Bjarni Kristófer Kristjánsson, Viggó Þór Marteinsson og Snæbjörn Pálsson. Ciliate diversity associated with the groundwater amphipod *Crangonyx islandicus*. Líffræðiráðstefnan 2017, 26. – 28. Október

Kalina Hristova Kapralova, Jónína Herdís Ólafsdóttir, Lieke Ponsioen, Jóhann Garðar Þorbjörnsson, Jukka Siltanen, Hrefna Sigurjónsdóttir, Arnar Pálsson, Bjarni K. Kristjánsson, Zophonías O. Jónsson, Sigurður Sveinn Snorrason. Evolution of reproductive barriers in sympatric Arctic charr morphs. Líffræðiráðstefnan 2017, 26. – 28. Október

David Eme, Kristen M. Westfalls, Bjarni K. Kristjánsson, Snæbjörn Pálsson. Contrasting population genetic patterns within the groundwater amphipod *Crangonyx islandicus*. Líffræðiráðstefnan 2017, 26. – 28. Október

Bjarni K. Kristjánsson and Camille A. L. Leblanc, Relationships between dietary and morphologic differences between individuals within populations of small benthic Arctic charr. 6th Aquatic Biodiversity International Conference, Sibiu Romania, 27. – 30. Sept

Bjarni K. Kristjánsson and Camille A. L. Leblanc, High number of small populations as a tool to study evolutionary and ecological processes of diversification: Insight from Arctic charr in lava caves. 6th Aquatic Biodiversity International Conference, Sibiu Romania, 27. – 30. Sept

Doriane Combot, Daniel Govoni, Camille Leblanc, and Bjarni K. Kristjánsson. Epibenthic macroinvertebrate diversity in relation to ecological factors in groundwater-fed lava caves in north east Iceland. 6th Aquatic Biodiversity International Conference, Sibiu Romania, 27. – 30. Sept

Agnes-Katharina Kreiling, Jón S. Ólafsson, Snæbjörn Pálsson and Bjarni K. Kristjánsson, Influence of water temperature on the invertebrate community in Icelandic springs, a focus on chironomidae. 6th Aquatic Biodiversity International Conference, Sibiu Romania, 27. – 30. Sept

Bjarni K. Kristjánsson, Skúli Skúlason, The industrialization of the modern university, North Atlantic Forum, Bö, Norway 2017.
Bjarni K. Kristjánsson, Ecological studies at Hólar University College, Introductory lecture, Vistís 2017.

Bjarni K. Kristjánsson, Camille Leblanc, Katja Räsänen, Sigurður Snorrason, Árni Einarsson, Michael Morrissey, Moira Ferguson & Skúli Skúlason. The interplay between ecology and evolution at small spatial scales: insight from Arctic charr in lava caves in Iceland. Revolutions meeting, Uppsala University, Sweden

Bjarni K. Kristjánsson, Camille Leblanc, Skúli Skúlason, The origin and maintenance of the extended phenotype. University of Glasgow, invited speaker.

Zophonías O. Jónsson, Benjamín Sigurgeirsson, Kalina H. Kapralova, Jóhannes Guðbrandsson, Bjarni K. Kristjánsson, Sigríður Rut Franzdóttir, Arnar Pálsson og Sigurður S. Snorrason. The charr in Thingvallavatn – Gene expression, genetics and epigenetics. Vistís2017.

Kalina Kapralova, Sigurður Sveinn Snorrason, Hrefna Sigurjónsdóttir, Bjarni Kristófer Kristjánsson, Zophonías Oddur Jónsson, Arnar Pálsson, Michael B. Morrissey og Jónína Herdís Ólafsdóttir. Evolution of reproductive barriers in sympatric Arctic charr morphs. Vistís2017.

Samantha V. Beck1., Katja Räsänen, Zophonías O. Jónsson, Bjarni K. Kristjánsson, Skúli Skúlason og Camille A. Leblanc. Maternal effects and the evolution of resource polymorphism in Icelandic Arctic charr. Vistís 2017.

Kreiling, A.-K., Ólafsson, J.S. & Kristjánsson, B.K.: Chironomidae fauna of springs in Iceland - Tuxen's hot springs revisited. 20th International Symposium on Chironomidae, 2nd - 8th of July 2017, Trento (Italy)

2016

Agnes-Katharina Kreiling, Jón S. Ólafsson, Snæbjörn Pálsson and Bjarni K. Kristjánsson, 2016, Invertebrate diversity in Icelandic freshwater springs, *Sfécologie*2016 Marseille France 25. October

Bjarni K. Kristjánsson, Árni Einarsson and Katja Rasanen, 2016, The importance of ecology, evolutionary dna development in shaping biodiversity of threespine stickleback: Long term monitoring in the dynamic Lake Mývatn, Iceland. *Sfécologie*2016 Marseille France 25. October

Camille Leblanc, Katja Rasanen, Sigurður Snorrason, Árni Einarsson, Michael Morrissey, Moira Ferguson, Skúli Skúlason and Bjarni K. Kristjánsson, 2016, High number of small populations as a tool to study evolutionary and ecological processes of diversification: insight from Arctic charr in lava caves. *Sfécologie*2016 Marseille France 25. October

Coralie Delarue, Katja Rasanen and Bjarni K. Kristjánsson, 2016, Importance of plasticity for divergence of threespine stickleback (*Gasterosteus aculeatus*) in the dynamic Lake Mývatn, Iceland. *Sfécologie*2016 Marseille France 25. October

Daniel Govoni, [Bjarni K. Kristjánsson](#) and Jón S. Ólafsson, 2016, Surface and subsurface invertebrate communities across a thermal gradient in a natural experiment in Icelandic streams. *Sfécologie*2016 Marseille France 25. October

Doriane Combot, Camille Leblanc, Daniel Govoni and Bjarni K. Kristjánsson, 2016, Epibenthic macroinvertebrate diversity in relation to local ecology in groundwater-fed lava caves in North East Iceland. *Sfécologie*2016 Marseille France 25. October

Louise Vernier, David Benhaim, Bjarni K. Kristjánsson, Camille Leblanc, 2016, The importance of egg size for variation in metabolism, growth and behavior of individuals in a polymorphic fish. *Sfécologie*2016 Marseille France 26. October

Samantha Victoria beck, Bjarni K. Kristjánsson, Katja Rasanen, Zophonías Jónsson, Skúli Skúlason and Camille Leblanc. 2016, The evolution of individual diversification: can egg size variation facilitate the rapid evolution of resource polymorphism in fishes. *Sfécologie*2016 Marseille France 25. October

Sigurður H. Árnason, Camille Leblanc, Skúli Skúlason, and Bjarni K. Kristjánsson, 2016, Movement variability and fine scale morphological differences within a cave dwelling small benthic Arctic charr population in Iceland, Polar Ecology Conference 2016, Ceske Budejovice, Czech Republic,

Jóhann Garðar Þorbjörnsson, [Georgette Leah Burns](#), Catherine P. Chambers, Jónína Herdís Ólafsdóttir, and Bjarni K. Kristjánsson, 2016, Diving between continents: Visitor motivations, disturbance and management implications for Silfra, Iceland. Monitoring and management of visitors in recreational and protected areas, Novi Sad, Serbia

Camille A. Leblanc, Katja Räsänen, Sigurður Snorrason, Árni Einarsson, Michael Morrissey, Moira Ferguson, Bjarni K. Kristjánsson and Skúli Skúlason, 2016, The interplay between ecology and evolution at small spatial scales: insight from Arctic charr in lava caves in Iceland. Ráðstefna Vistfræðifélagsins, 3. March.

Camille A. Leblanc, Katja Räsänen, Sigurður Snorrason, Árni Einarsson, Michael Morrissey, Moira Ferguson, Bjarni K. Kristjánsson and Skúli Skúlason, 2016, The interplay between ecology and evolution at small spatial scales: insight from Arctic charr in lava caves in Iceland. Nordic Oikos meeting, Turku 2. - 4. February.

Ragnhildur Guðmundsdóttir, Bjarni K. Kristjánsson, Viggó Þ. Marteinson og Snæbjörn Pálsson. 2016, Crangonyx islandicus; what does it eat? Ráðstefna Vistfræðifélagsins, 3. Mars 2016.

Bjarni K. Kristjánsson, Sigurður H. Árnason, Camille Leblanc and Skúli Skúlason, 2016 Movement variability and fine scale morphological differences within a cave dwelling dwarf Arctic charr population in Iceland. Oregon Chapter of the American Fisheries Society 52nd annual meeting. 1. – 4. March.

Skúli Skúlason, Þóroddur Bjarnason, Bjarni K. Kristjánsson, and Kobrún Ósk Baldursdóttir, 2016. Samfélagsleg áhrif háskólastrarfs á norðurlandi. Þjóðarspejill 2016, 28. október.

2015

Bjarni K. Kristjánsson , Camille Leblanc , Katja Räsänen , Sigurður Snorrason , Árni Einarsson, Michael Morrissey , Moira Ferguson & Skúli Skúlason. The interplay between ecology and evolution at small spatial scales: insight from Arctic charr in lava caves in Iceland. 8th International Charr symposium, Tromsø Norway, 14-18 June 2015

Katja Räsänen, Camille Leblanc, Bjarni K. Kristjánsson, Samantha Beck, Zophonías O. Jónsson & Skúli Skúlason. The role of egg size and developmental plasticity in diversification of Icelandic Arctic charr. 8th International Charr symposium, Tromsø Norway, 14-18 June 2015

Jóhannes Guðbrandsson, Ehsan Pashay Ahi, Sigríður Rut Franzdóttir, Zophonías O. Jónsson, Bjarni K. Kristjánsson, Páll Melsted, Sigurður S. Snorrason & Arnar Pálsson. Developmental transcriptome of Arctic charr morphs from Lake Thingvallavatn. 8th International Charr symposium, Tromsø Norway, 14-18 June 2015

Kalina H. Kapralova, Arnar Pálsson, Bjarni K. Kristjánsson, Zophonías O. Jónsson & Sigurður S. Snorrason. Phenotypic transgression in hybrids of sympatric Arctic charr morphs. 8th International Charr symposium, Tromsø Norway, 14-18 June 2015

Sigurður H. Árnason, Camille Leblanc, Skúli Skúlason, Bjarni K. Kristjánsson, Phenotypic variability in behaviour, diet and morphology of a cave dwelling population of small benthic charr (*Salvelinus alpinus*). Liffraðiráðstefnan 5. 7. Nóvember 2015

Jónína Herdís Ólafsdóttir, Jón S. Ólafsson og Bjarni Kristófer Kristjánsson Biological diversity in Icelandic groundwater fissures. Liffraðiráðstefnan 5. 7. Nóvember 2015

Agnes-Katharina Kreiling, Bjarni K. Kristjánsson, Árni Einarsson, Jón S. Ólafsson. Macroinvertebrate biodiversity in Icelandic freshwater springs. Liffraðiráðstefnan 5. 7. Nóvember 2015

Bjarni K. Kristjánsson, Árni Einarsson and Katja Räsänen Diversity of threespine stickleback in the dynamic Lake Mývatn Iceland. Liffraðiráðstefnan 5. 7. Nóvember 2015

Jóhann Garðar Þorbjörnsson, Bjarni Kristófer Kristjánsson Impacts of SCUBA Divers in the Silfra Freshwater Fissure: Ecological Disturbance and Management. Liffraðiráðstefnan 5. 7. Nóvember 2015

Daniel P Govoni, Bjarni Kristófer Kristjánsson, Jón S. Ólafsson, Mark S. Wipfli Surface and subsurface macroinvertebrate community differences across a thermal gradient in Icelandic streams. Liffraðiráðstefnan 5. 7. Nóvember 2015

Skúli Skúlason, Bjarni K. Kristjánsson, Camille A. Leblanc og Sigurður S. Snorrason The field of ECO-EVO-DEVO can elevate our understanding of the generation and maintenance of biological diversity Liffraðiráðstefnan 5. 7. Nóvember 2015

Kalina H. Kapralova, Arnar Pálsson, Bjarni K. Kristjánsson, Zophonías O. Jónsson and Sigurður S. Snorrason Phenotypic transgression and depressed growth in hybrids of sympatric Arctic charr morphs Liffraðiráðstefnan 5. 7. Nóvember 2015

Samantha, V. Beck, LeBlanc, Camille, Katja, Räsänen, Zophonías, O. Jónsson, Skúli Skúlason, Bjarni, K. Kristjánsson Egg size variation and its influence on evolutionary diversification in sympatric populations of Icelandic Arctic charr (*Salvelinus alpinus*) Liffraðiráðstefnan 5. 7. Nóvember 2015

Ehsan Pashay Ahi, Samantha V. Beck, Camille Leblanc, Bjarni K. Kristjánsson, Zophonías O. Jónsson Identification of a conserved gene expression network associated with egg size variation in Arctic charr Liffraðiráðstefnan 5. 7. Nóvember 2015

Camille A. Leblanc, Katja Räsänen, Sigurður Snorrason, Árni Einarsson, Michael Morrissey, Moira Ferguson, Bjarni K. Kristjánsson, and Skúli Skúlason The interplay between ecology and evolution at small spatial scales: insight from Arctic charr in lava caves in Iceland Liffraðiráðstefnan 5. 7. Nóvember 2015

2014

Daniel Govoni, Bjarni K. Kristjánsson og Jón S. Ólafsson, Chironomids in Icelandic Cold Springs. 19th International Symposium on Chironomidae. 20. August 2014. České Budějovice, Czech Republic - http://web.blatna.cuni.cz/chironomidae/download/chironomidae_2014_final_print.pdf

2013

Bjarni K. Kristjánsson, 2013, The importance of ecology for shaping intraspecific biodiversity, Workshop on patterns and processes of intraspecific divergence and their relevance to aquatic biological diversity, St Andrews 24-27th February.

Sigurður S. Snorrason, Kalina H. Kapralova, Ehsan Pashay Ahi, Jóhannes Guðbrandsson, Arnar Pálsson, Bjarni K. Kristjánsson, Sigríður Rut Franzdóttir, Valerie H. Maier og Zophonías O. Jónsson, 2013 Peeking into the black box: The developmental basis of trophic polymorphism in Arctic charr (*Salvelinus alpinus*). The Icelandic Biology Conference, 8. and 9. November

Kalina H. Kapralova, Arnar Pálsson, Bjarni K. Kristjánsson, Soizic Le Deuff, Jannika Neeb, Sigríður Rut Franzdóttir, Zophonías O. Jónsson og Sigurður S. Snorrason, 2013. Bones in motion: morphometrics of craniofacial development of Arctic charr sympatric morphs. The Icelandic Biology Conference, 8. and 9. November

Bjarni K. Kristjánsson, Romain Theysset, Camille A. Leblanc and Skúli Skúlason 2013 Factors affecting developmental rate in Arctic charr embryos and juveniles

Camille A. Leblanc, Bjarni K. Kristjánsson, Sigurður S. Snorrason, Árni Einarsson og Skúli Skúlason, 2013 Fine scale diversity of small benthic cave-dwelling Arctic charr, *Salvelinus alpinus*. The Icelandic Biology Conference, 8. and 9. November

Stefán Óli Steingrímsson, Mark R. Roper, Camille A. Leblanc, Bjarni K. Kristjánsson og Árni Einarsson, 2013 Foraging mode of cave-dwelling Arctic charr in the Lake Mývatn area. The Icelandic Biology Conference, 8. and 9. November

Katja Räsänen, Antoine Millet, Árni Einarsson og Bjarni K. Kristjánsson 2013 Spatio-temporal dynamics of phenotypic diversity in Mývatn threespine stickleback. The Icelandic Biology Conference, 8. and 9. November

Antoine Millet, Katja Räsänen, Árni Einarsson og Bjarni K. Kristjánsson 2013 Seasonal variation in phenotypic and genetic structure of threespine stickleback in the dynamic Mývatn. The Icelandic Biology Conference, 8. and 9. November

Daniel Govoni, Bjarni K. Kristjánsson og Jón S. Ólafsson 2013 Ecology of the hyporheic zone along a thermal gradient. The Icelandic Biology Conference, 8. and 9. November

Jónína Herdís Ólafsdóttir, Jóhann Garðar Þorbjörnsson, Kjartan Guðmundsson, Jón S. Ólafsson og Bjarni K. Kristjánsson 2013 Submersed fissures of Iceland, ecological and geographical mapping. The Icelandic Biology Conference, 8. and 9. November

Skúli Skúlason og Bjarni K. Kristjánsson 2013 Um ferla og tengsl í vistfræði og þróunarfræði. The Icelandic Biology Conference, 8. and 9. November

2012

Bjarni K. Kristjánsson og Daniel P. Govoni, Lífríki íslenskra linda. Fyrirlestraröð Náttúrustofa.

2011

Bjarni K. Kristjánsson, Sigurður S. Snorrason og Skúli Skúlason Tengsl vistfræði við fjölbreytileika fiska, opening lecture, Líffræðiráðstefnan 2011

Bjarni K. Kristjánsson. Gæði og gæðapróun við Háskólann á Hólum. Gæðaráðstefna á Akureyri 30. og 31. maí.

Skúli Skúlason og Bjarni K. Kristjánsson, Mikilvægi ferlahugsunar í þróunarfræði, Líffræðiráðstefnan 2011

2010

Bjarni K. Kristjánsson, Katja Räsänen, Mathew S. Seymour, Andrea Koopmans, Antoine Millet og Skúli Skúlason, Þróunarfræðilegar breytingar í tíma og rúmi í og við Mývatn, Fræðaging Landbúnaðarins

Bjarni K. Kristjánsson, Kornobis, E; Pálsson, S; Svavarsson, J; Life under glaciers -subterranean amphipods in Iceland, NABS Santa Fe. NM, USA

Daniel P. Govoni, Bjarni K. Kristjánsson, og Jón S. Ólafsson, Assessing the impact of ecological factors on macroinvertebrate communities in Icelandic freshwater springs, Fræðaging Landbúnaðarins

Govoni, D P; Kristjánsson, B K; Ólafsson, J S; Assesing the role of ecological factors in macroinvertebrate communities in Icelandic cold springs, NABS Santa Fe. NM, USA

Katja Räsänen, Antoine Millet, Árni Einarsson, Mike Senn, Skúli Skúlason and Bjarni K. Kristjánsson*, The importance of ecology for phenotypic diversity - Diversification of Lake Mývatn stickleback: spatial and temporal variation in patterns and processes, Prospect workshop, Hólar University College

Kornobis E. Pálsson S, Kristjánsson BK, Svavarsson J. Molecular evidence of the survival of subterranean amphipods (Arthropoda) during Icel Ages underneath glaciers in Iceland. 20th International conference on subterranean biology, Postojna, Slovenia, Skúli Skúlason, Bjarni K. Kristjánsson, Pamela J Woods og Sigurður S. Snorrason, Tengsl fjölbreytni bleikju við mismunandi gerðir vatna, búsvæða og fæðu, Fræðaging Landbúnaðarins.

2009

Bjarni K. Kristjánsson, Skúli Skúlason, Sigurður S. Snorrason, Kalina H. Kapralova og David L. G. Noakes, 2009 Samhliða þróun bleikju á Íslandi, Afmælisráðstefna líffræðifélagsins og líffræðistofnunar

Bjarni K. Kristjánsson, Skúli Skúlason, Sigurður S. Snorrason og Kalina H. Kapralova. 2009 Mikilvægi vistfræðilegra þátta fyrir fjölbreytileika dvergbleikju, Fræðaging Landbúnaðarins 12. febrúar

Bjarni K. Kristjánsson, Skúli Skúlason, Sigurður S. Snorrason og Kalina H. Kapralova and David L. G. Noakes, 2009 Diversity of small benthic Arctic charr in relation to ecological characters. 6th international Charr symposium, Stirling Scotland, abstract published in the conference proceedings.

Bjarni K. Kristjánsson, Skúli Skúlason, Sigurður S. Snorrason and Kalina H. Kapralova, Parallel evolution and morphological diversity of Icelandic small benthic Arctic charr, Evolutionary origins of widespread small benthic charr (*Salvelinus alpinus* (L.)) in Iceland, International Conference on Evolutionary Ecology of Fishes Diversification, Adaptation and Speciation, 23-25 Nov 2009 Berlin., abstract published in the conference proceedings.

Daniel P. Govoni, Bjarni K. Kristjánsson og Jón S. Ólafsson, 2009 Assessing the impacts of ecological factors on macroinvertebrate communities in Icelandic freshwater springs, Afmælisráðstefna líffræðifélagsins og líffræðistofnunar Etienne Kornobis, Snæbjörn Pálsson and Bjarni K. Kristjánsson, 2009 MtDNA patterns confirm that groundwater amphipods survived Ice age in Iceland, Afmælisráðstefna líffræðifélagsins og líffræðistofnunar

Rakel Júlía Sigursteinsdóttir og Bjarni Kristófer Kristjánsson, 2009 Hornsili; ekki bara lítill fiskur með þrjú gadda –Tengsl umhverfis við fjölbreytileika hornsila í íslenskum vötnum, Afmælisráðstefna líffræðifélagsins og líffræðistofnunar

Skúli Skúlason, Camille Leblanc, Bjarni K. Kristjánsson og Sigurður S. Snorrason, 2009 Tegundamyndun fiska: mikilvægi æxlunarlíffræði og þroskaferla, Afmælisráðstefna líffræðifélagsins og líffræðistofnunar

Skúli Skúlason, Camille Leblanc, Bjarni K. Kristjánsson og Sigurður S. Snorrason, 2009 Mechanisms of divergence in Arctic charr: the importance of reproductive styles and developmental constraints. 6th international Charr symposium, Stirling Scotland, abstract published in the conference proceedings.

Skúli Skúlason, Camille Leblanc, Bjarni K. Kristjánsson og Sigurður S. Snorrason, Mechanisms of divergence and speciation in polymorphic fish: the importance of reproductive styles, egg size and developmental constrain. International Conference on Evolutionary Ecology of Fishes Diversification, Adaptation and Speciation, 23-25 Nov 2009 Berlin, abstract published in the conference proceedings.

Pamela Woods, Skúli Skúlason, Bjarni K. Kristjánsson, Sigurður S. Snorrason, Ulf Dieckmann and Ake Brännström, 2009 How spatially consistent is resource polymorphism? A closer look at how dietary habits are predicted by morphology in Arctic charr across Icelandic lakes, 6th international Charr symposium, Stirling Scotland, abstract published in the conference proceedings.

Kalina H. Kapralova, Sigurður S. Snorrason, Guðbjörg Á. Ólafsdóttir, Bjarni K. Kristjánsson and Moira M. Ferguson, 2009 Evolutionary origins of widespread small benthic charr (*Salvelinus alpinus* (L.)) in Iceland, 6th international Charr symposium, Stirling Scotland, abstract published in the conference proceedings.

2008

Kapralova H. Kalina, Bjarni K. Kristjánsson, Guðbjörg Ásta Ólafsdóttir, Michael Morrissey, Sigurdur S. Snorrason* and Moira Ferguson 2008 Evolutionary origins of a widespread small Arctic charr (*Salvelinus alpinus*) morph in Icelandic freshwater habitats, EEEF conference Boston Abstract published in the Conference Proceedings.

Kristjánsson Bjarni K. Skúli Skúlason, Sigurður S. Snorrason, Kalina H. kapralova and David L. G. Noakes, 2008, 5. May Diversity of Icelandic Small Benthic Charr. AFS Western Division Annual Meeting. Abstract published in the Conference Proceedings.

Kristjánsson, Bjarni K. Skúli Skúlason, Sigurður S. Snorrason, Kalina Kapralova and David L. G. Noakes Morphological diversity of Icelandic small benthic Arctic charr (*Salvelinus alpinus*). 2008 EEEF conference Boston Abstract published in the Conference Proceedings.

Etienne Kornobis, Snæbjörn Pálsson, Bjarni K. Kristjánsson and Jörundur Svavarsson, 2008 Underneath the glaciers ... Amphipods?! Raunvísindaping, March 14 – 16. Abstract published in the Conference Proceedings.

2007

Kristjánsson, B.K. 2007 Samhliða þróun? Fjölbreytileiki dvergbleikju á Íslandi, Fræðaping landbúnaðarins – Extended abstract published in conference publication

2006

Kristjánsson, B.K., Skúlason, S., Snorrason, S.S., and Noakes, D.L.G. 2006 Diversity of Icelandic "dwarf" charr, 5 International Charr symposium, 2 – 5 August, Reykjavik Iceland, Abstract published in the Conference Proceedings.

Kristjánsson, Bjarni K. 2006, Íslenskar grunnvatnsmarflær, lifandi steingerfingar, Afmælisráðstefna fiskeldis og fiskalíffræðideildar Hólaskóla,

Skúlason, S., Snorrason, S.S. and Kristjánsson, B.K. 2006 How to approach biological diversity of polymorphic species like Arctic charr? 5 International Charr symposium, 2 – 5 August, Reykjavik Iceland, Abstract published in the Conference Proceedings.

Snorrason, S.S, Kristjánsson, B.K, Skúlason, S. 2006 Patterns of processes of divergence in Icelandic arctic charr, International Charr symposium, 2 – 5 August, Reykjavik Iceland, Abstract published in the Conference Proceedings.

2005

Kristjánsson, Bjarni K., Skúli Skúlason and David L. G. Noakes, 2005, Rapid divergence in Icelandic threespine stickleback (*Gasterosteus aculeatus*). Nordic network in environmental stress research, Holar University College. Abstract published in the Conference Proceedings

2004

Kristjánsson, Bjarni K., Skúli Skúlason and David L. G. Noakes, 2004, Rapid divergence in Icelandic threespine stickleback (*Gasterosteus aculeatus*) (in Icelandic). The 25th anniversary conference of the Icelandic biology society., Reykjavik, Iceland Abstract published in the Conference Proceedings

Kristjánsson, Bjarni K., Skúli Skúlason and David L. G. Noakes, 2004, Rapid divergence in Icelandic threespine stickleback (*Gasterosteus aculeatus*). EEEF, Skagafjörður, Iceland Abstract published in the Conference Proceedings

Sigursteinsdóttir, Raket Júlía and Bjarni K. Kristjánsson, 2004, Parallel adaptation, not always so parallel: Comparison of small, benthivorous charr from Grímsnes and Thingvallavatn, Iceland EEEF, Skagafjörður, Iceland Abstract published in the Conference Proceedings

Sigursteinsdóttir, Raket Júlía and Bjarni K. Kristjánsson, 2004, Parallel adaptation, not always so parallel: Comparison of small, benthivorous charr from Grímsnes and Thingvallavatn, International symposium of arctic charr conservation and management, Perth Scotland. Abstract published in the Conference Proceedings.

Snorrason, Sigurður S. Bjarni K. Kristjánsson, Guðbjörg Ásta Ólafsdóttir, Lisa Doucette and Skúli Skúlason, 2004, Patterns of diversification in Icelandic sticklebacks (*Gasterosteus aculeatus*) EEEF, Skagafjörður, Iceland Abstract published in the Conference Proceedings

2003

Jónsson Bjarni, Bjarni K. Kristjánsson, Eik Elfarsdóttir and Skúli Skúlason 2003 Evolution of diversity among Icelandic threespined sticklebacks, The fourth international Conference on Stickleback behaviour and Evolution, Tajrnö Marine Biological Station, Strömstad, Sweden 31 July 4 August. Abstract published in the Conference Proceedings

2002

Kristjánsson, Bjarni K., Skuli Skulason & David L. G. Noakes. 2002. Parallel divergence of four Icelandic lacustrine populations of three spine sticklebacks (*Gasterosteus aculeatus* L.) towards two unique bottom types. EEEF, Université de Laval, Québec city, Québec, Canada Abstract published in the Conference Proceedings

Skúlason, Skúli, Sigurdur S. Snorrason and Bjarni K. Kristjánsson. 2002, Iceland as a theatre of evolution. EEEF, Université de Laval, Québec City, Québec, Canada Abstract published in the Conference Proceedings.

2001

Kristjánsson, Bjarni K., Skuli Skulason, Sigurdur S. Snorrason & Gudbjörg Olafsdóttir. 2001, Diversity in morphology and diet of Icelandic sticklebacks in salt water (in Icelandic). Icelandic Republic Anniversary Fund conference. Abstract published in the Conference Proceedings.

Kristjánsson, Bjarni K., Skuli Skulason & David L. G. Noakes. 2001. Dietary and morphological divergence of Icelandic threespine stickleback, *Gasterosteus aculeatus* L., towards mud and lava substrate in lakes. Cost 827 Action - Final Workshop, Voluntary Food Intake in Fish. 15 - 18 August 2001. Abstract published in the Conference Proceedings.

Kristjánsson, Bjarni K., Skuli Skulason & David L. G. Noakes. 2001. Divergence of four Icelandic lacustrine populations of threespine sticklebacks (*Gasterosteus aculeatus* L.) towards two bottom types mud and lava. Twin symposium on cold aquatic environment, Myvatn Research Station 13 -16. May 2001. Abstract published in the Conference Proceedings.

2000

Kristjánsson, Bjarni K., Skuli Skulason & David L. G. Noakes. 2000. Morphological adaptations of four Icelandic lacustrine populations of threespine sticklebacks (*Gasterosteus aculeatus* L.) towards two unique bottom types. EEEF, University of Georgia, Athens, Georgia, Abstract published in the Conference Proceedings

1998

Svararsson, Jorundur, Bjarni K. Kristjánsson & Torleiv Brattegard. 1998. Depth-size related patterns of marine isopods (Arthropoda, Crustacea, Isopoda) in the Arctic Ocean. Second International Isopod Conference in memory of Thomas E. Bowman held at the Institute for Systematic and Population Biology (ISPB), University of Amsterdam. Abstract published in the Conference Proceedings.

Presentations on invitation of university departments:

Kristjánsson Bjarni K., Skúli Skúlason, Sigurður S. Snorrason, Kalina H. kapralova, Rán Sturlaugsdóttir and David L. G. Noakes, 2008, 2. October. Parallel diversification of small benthic charr in Iceland. EAWAG, Department of Aquatic Ecology, Switzerland, invited speaker.

Kristjánsson Bjarni K., Skúli Skúlason, Sigurður S. Snorrason, Kalina H. kapralova, Rán Sturlaugsdóttir and David L. G. Noakes, 2008, 14. April. Diversity of Arctic Charr in Iceland, Invited speaker. Department of Fisheries and wildlife Oregon State University, Stream team talk,

Kristjánsson, Bjarni K. 2006 Diversity of fishes in Iceland, Invited seminar, Oregon State University, department of fisheries and Wildlife, 20. April

Kristjánsson, Bjarni K. 2006 Analysing shape using Geometric Morphometrics. Invited lab session Oregon State University, department of fisheries and Wildlife, 18. April

Kristjánsson, Bjarni K. 2006 Diversity of fishes in Iceland, Invited seminar, 'Cresco/Phillips joint research group meeting' University of Oregon, 13. April

Kristjánsson, Bjarni K., Skúli Skúlason, Sigurður S. Snorrason, Guðbjörg Á Ólafsdóttir, Lisa I. Doucette and David L. G. Noakes, 2004. Diversity and rapid divergence of Icelandic Threespine stickleback. Loaves and Fishes seminar series. Axelrod Institute of Ichthyology, University of Guelph.

Kristjánsson, Bjarni K. 2000, Morphology and evolution of unusual stickleback fish from Iceland. Biology Colloquium, University of Wisconsin – Whitewater Invited speaker.

Kristjánsson, Bjarni K. 2000. Icelandic Sticklebacks. Loaves and Fishes seminar series. Axelrod Institute of Ichthyology, University of Guelph.

Kristjánsson, Bjarni K. 1999. Ecology and morphology of three-spine stickleback in Iceland. Graduate Seminar Series, Department of Zoology, University of Guelph, Canada

Kristjánsson, Bjarni K. 1999. Ecological and morphological diversity of Icelandic three-spine stickleback. Invited Speaker at the Departmental seminar series, Department of Biology, University of Iceland (in Icelandic).

Presentations:

Bjarni K. Kristjánsson and Camille A.L. Leblanc, Lífið í hrauninu – lífríki í vatnsfylltum hraunhellum í Mývatnssveit, Fræðsluerindi á vegum Hins íslenska náttúrufræðifélags, 30. Október

Bjarni K. Kristjánsson, 2009 Fine scale phenotypic diversity of Arctic charr (*Salvelinus alpinus*) in relation to ecological characters 6. febrúar, málstofa Versins

Kristjánsson og Svavarsson, 2007 Grunnvatnsmarflær á Íslandi, Invited speaker, Hið Íslenska Náttúrufræðafélag.

Svavarsson og Kristjánsson, 2007. 3. mars. Leyndarmál hraunanna – elstu núlifandi dýr Íslands? Undur jarðar, fyrirlestraröð Raunvísindadeildar í tilefni af ári jarðarinnar.

Kristjánsson, Bjarni K. 2006, Icelandic dwarf charr, FISHACE task workshop, Holar, 21. August

Kristjánsson, Bjarni K. 2004, Specialty of Icelandic freshwater systems, looking at stickleback. Invited speaker, N-W Iceland research institutes lecture series. 6. April 2004.

Kristjánsson, Bjarni K. 2002, Cave animals from Ancient times. Educational walk at Thingvellir National park.

Posters:

2018

Agnes-Katharina Kreiling, Snæbjörn Pálsson, Jón S. Ólafsson og Bjarni K. Kristjánsson. 2018. Assessing the invertebrate diversity in Icelandic springs - eDNA versus morphological species identification. Vistís 2018

Kreiling, A-K., Gíslason, G.M. & Kristjánsson, B.K. (2018): Low Trichoptera diversity in freshwater springs in Iceland (poster presentation), 16th International Symposium on Trichoptera, 3rd – 9th June in Surat Thani Province, Thailand

Kreiling, A-K., Pálsson, S., Ólafsson, J.S. & Kristjánsson, B.K. (2018): Assessing the invertebrate diversity in Icelandic springs – eDNA versus morphological species identification (poster presentation), Nordic Oikos Conference, 19th – 22nd February in Trondheim, Norway

Kalina Hristova Kapralova, Lieke L. Ponsioen, Arnar Pálsson, Bjarni K. Kristjánsson, Zophonías O. Jónsson og Sigurður Sveinn Snorrason. 2018. Post-zygotic mechanisms of reproductive isolation in Thingvallavatn Arctic charr. Vistís 2018

2017

Louise Vernier, David Benhaim, Bjarni K. Kristjánsson, Camille A.-L. Leblanc. 2017, Do voariation in egg size and growth trajectories affect behaviour in five resource-based morphs of Arctic charr (*Salvelinus alpinus*). Behaviour 2017, Estoril Portugal, 20. Júlí – 4. August.

Sigurður H. Árnason, Camille Leblanc, Skúli Skúlason and Bjarni K. Kristjánsson. 2017. Habitat use specialization and the early stages of diversification: the saga of dwarfs in Iceland. Behaviour 2017, Estoril Portugal, 20. Júlí – 4. August.

Kalina Hristova Kapralova¹, Michael B Morrissey², Arnar Pálsson¹, Bjarni K. Kristjánsson³, Zophonías O. Jónsson¹ Sigurður Sveinn Snorrason¹. Post-zygotic mechanisms of reproductive isolation in Thingvallavatn Arctic charr. Arctic char: Ecology, genetics, climate change, and the implication for conservation and management. Reykjavík 31. Okt – 1. November

Doriane Combot, Daniel Govoni, Camille Leblanc and Bjarni Kristofer Kristjánsson. Epibenthic macroinvertebrate diversity in relation to ecological factors in groundwater-fed lava caves in north east Iceland. Líffræðiráðstefnan 2017, 26. – 28. Október

Daniel P. Govoni, Bjarni K. Kristjánsson, Jón S. Ólafsson. Surface and subsurface invertebrate communities across a thermal gradient in a natural experiment in Icelandic streams. Líffræðiráðstefnan 2017, 26. – 28. Október

Sigurður H. Árnason, Skúli Skúlason, Sigurður S. Snorrason, David L.G. Noakes, Bjarni K. Kristjánsson. Life history diversity of small benthic Arctic charr, *Salvelinus alpinus*, in relation to fine scale environmental variability. Líffræðiráðstefnan 2017, 26. – 28. Október

Louise Vernier, David Benhaim, Bjarni K. Kristjánsson & Camille A.-L. Leblanc. Does variation in egg size and growth trajectories affect behaviour in five resource-based morphs of Arctic charr (*Salvelinus alpinus*)? Líffræðiráðstefnan 2017, 26. – 28. Október

2016

Agnes-Katharina Kreiling, Bjarni K. Kristjánsson, Árni Einarsson and Jón S. Ólafsson, 2016, Macroinvertebrate biodiversity in Icelandic Freshwater Springs. Ráðstefna Vistfræðifélagsins, 3. March.

Agnes-Katharina Kreiling, Bjarni K. Kristjánsson, Árni Einarsson and Jón S. Ólafsson, 2016, Macroinvertebrate biodiversity in Icelandic Freshwater Springs. Nordic Oikos conference Turku 2. – 4. February

Samantha V. Beck, Camille Leblanc Katja Räsänen, Zophonías O. Jónsson, Skúli Skúlason and, Bjarni K. Kristjánsson, 2016. Egg size mediated developmental plasticity in divergent Arctic charr populations. Nordic Oikos conference Turku 2. – 4. February

Coralie Delarue, Bjarni K. Kristjánsson and Katja Räsänen, 2016. Importance of plasticity for divergence of threespine stickleback (*Gasterosteus aculeatus*) in the dynamic Lake Mývatn, Iceland.
Nordic Oikos conference Turku 2. – 4. February

2015

Stefan O. Steingrímsson, Mark R. Roper, Camille A. Leblanc, Arni Einarsson & Bjarni K. Kristjánsson. Foraging mode of cave-dwelling Arctic charr in the Lake Mývatn area, northern Iceland. 8th International Charr symposium, Tromsø Norway, 14-18 June 2015

Louise Vernier, Samantha V. Beck, Anett Reilent, David Benháim, Bjarni K. Kristjánsson & Camille A.-L. Leblanc Relationship between egg size, metabolic rate, growth and personality traits of individuals in divergent populations of Salmonids
Liffræðiráðstefnan 5. 7. Nóvember 2015

Ragnhildur Guðmundsdóttir, Vésteinn Snæbjarnarson, Viggó Marteinson, Bjarni K. Kristjánsson, Christophe Douady, Snæbjörn Pálsson Ecology, Evolution and Genomics of the Groundwater Amphipod *Crangonyx islandicus* Liffræðiráðstefnan 5. 7. Nóvember 2015

Jóhannes Guðbrandsson, Arnar Pálsson, Johannes Gudbrandsson, Ehsan Ahi, Sigridur Franzdóttir, Kalina Kapralova, Bjarni Kristjánsson, Sophie Steinhäuser, Valerie Maier, Sigurdur Snorrason, Zophonias Jonsson The developmental transcriptome of contrasting Arctic charr (*Salvelinus alpinus*) morphs Liffræðiráðstefnan 5. 7. Nóvember 2015

Eme David, Westfall Kristen M., Kristjánsson Bjarni K., Pálsson Snæbjörn Contrasting phylogeographic histories using mitochondrial DNA and RADSeq data of a groundwater amphipod (*Crangonyx islandicus*) that survived Ice age in Iceland. Liffræðiráðstefnan 5. 7. Nóvember 2015

2013

Jóhann Garðar Þorbjörnsson, Jónína Herdís Ólafsdóttir, Kjartan Gömundsson, Bjarni K. Kristjánsson og Jón S. Ólafsson 2013 Comparison of two methods for sampling invertebrates on submerged vertical walls with diving. The Icelandic Biology Conference, 8. and 9. November

Stefán Árnason, Antoine Millet, Árne Einarsson, Bjarni K. Kristjánsson og Katja Räsänen 2013 Temporal and spatial variation in diet and diet-morphology relationships in Lake Mývatn, Iceland. The Icelandic Biology Conference, 8. and 9. November

Ragnhildur Guðmundsdóttir, Etienne Kornobis, Bjarni K. Kristjánsson og Snæbjörn Pálsson 2013 Ciliate epibionts on the groundwater amphipod *Crangonyx islandicus*. The Icelandic Biology Conference, 8. and 9. November

2010

Mathew S. Seymour*, Bjarni K. Kristjánsson and Katja Räsänen, Intra-species population divergence in Belgjaskógur threespine sticklebacks (*Gasterosteus aculeatus*), Prospect workshop, Hólar University College

Mat Seymour, Bjarni K. Kristjánsson, Katja Räsänen and Jón S. Ólafsson, Accessing small scale population divergences in the threespine stickleback, Fræðaping Landbúnaðarins

Antoine Millet*, Bjarni K. Kristjánsson, Árne Einarsson and Katja Räsänen, Determinants of spatial and temporal phenotypic variation in threespine stickleback from Mývatn, Prospect workshop, Hólar University College

Antoine Millet, Katja Räsänen, Árne Einarsson and Bjarni K. Kristjánsson, Determinants of spatial and temporal phenotypic variation in threespine stickleback from Mývatn, Fræðaping Landbúnaðarins

2009

Antoine Millet, Bjarni K. Kristjánsson, Katja Räsänen and Árne Einarsson, 2009 Ecological and genetic factors on the evolution of the threespine stickleback in Mývatn, Afmælisráðstefna liffræðifélagsins og liffræðistofnunar

Mathew Stephen Seymour, Bjarni K. Kristjánsson, Katja Räsänen og Jón S. Ólafsson, 2009 Accessing small scale population divergences in the threespine stickleback, Afmælisráðstefna liffræðifélagsins og liffræðistofnunar

Alexandros Andreou, Guðbjörg Á. Ólafsdóttir, Bjarni K. Kristjánsson and Sigurður S. Snorrason, 2009 Spatial and social learning of threespine sticklebacks (*Gasterosteus aculeatus* L.) in mud and lava habitat in two Icelandic lakes, International Conference on Evolutionary Ecology of Fishes Diversification, Adaptation and Speciation, 23-25 Nov 2009 Berlin

Etienne Kornobis, Jörundur Svavarsson, Snæbjörn Pálsson and Bjarni K. Kristjánsson, 2009 Phylogeny of Crangonyctoidea and the taxonomic status of groundwater amphipods, endemic to Iceland, based on two nuclear genes, Afmælisráðstefna líffræðifélagsins og líffræðistofnunar

Guðmundur Smári Gunnarsson, Alexandros Andreou, Myrsini Eirini Natsopoulou, Sigurður S. Snorrason, Bjarni Kristófer Kristjánsson and Guðbjörg Ásta Ólafsdóttir, General patterns of ecological divergence of threespine sticklebacks in Iceland, International Conference on Evolutionary Ecology of Fishes Diversification, Adaptation and Speciation, 23-25 Nov 2009 Berlin

Hlynur Reynisson, Helgi Thorarensen, Bjarni K. Kristjánsson and Sigurður S Snorrason, Variation in ventricular heart mass of small benthic Arctic charr (*Salvelinus alpinus* L.) in Iceland: Does it reflect differences in key habitat features?, 2009, Afmælisráðstefna líffræðifélagsins og líffræðistofnunar

Kalina Kapralova, Sigurður S. Snorrason, Arnar Pálsson, Zophonias Jonsson, Sigríður Rut Franzdóttir and Bjarni Kristófer Kristjánsson, 2009 Micro RNA in Arctic charr development, Afmælisráðstefna líffræðifélagsins og líffræðistofnunar, Afmælisráðstefna líffræðifélagsins og líffræðistofnunar

Katja Räsänen, Antoine Millet, Mat Seymour, Árni Einarsson, Jón S. Ólafsson, Skúli Skúlason, & Bjarni K. Kristjánsson Temporal and spatial variation in microevolutionary responses of threespine stickleback in Mývatn (Iceland), International Conference on Evolutionary Ecology of Fishes Diversification, Adaptation and Speciation, 23-25 Nov 2009 Berlin

2008

Leblanc, Camille *, Bjarni K. Kristjánsson, David Benhaïm, Skúli Skúlason and David L. G. Noakes 2008 Does egg size affect behaviour and morphology of Arctic charr (*Salvelinus alpinus*)? EEEF, best student poster – The poster won the student price for posters.

Kristjánsson, Bjarni K., Snorrason, Sigurður S., Skúlason, Skúli, Kapralova, Kalina Hristova, Noakes, David L. G.. 2008, Morphological diversity of Icelandic small benthic Arctic charr (*Salvelinus alpinus*). Raunvísindabing, March 14 – 16. Abstract published in the Conference Proceedings.

Kristjánsson, Bjarni K., Snorrason, Sigurður S., Skúlason, Skúli, Kapralova, Kalina Hristova, Noakes, David L. G.. 2008, Morphological diversity of Icelandic small benthic Arctic charr (*Salvelinus alpinus*). Raunvísindabing, March 14 – 16. Abstract published in the Conference Proceedings.

Sigursteinsdóttir Rakei Júlía and Bjarni K. Kristjánsson 2008 Stickleback; not just a small fish with three spines 2008, EEEF

2005

Kristjánsson, Bjarni K. Skúlason Skúli and David L. G. Noakes, 2005 Small Benthic charr in lava habitats in Iceland. Peter Yodsiz Collogium. University of Guelph, Canada, May 6 – 7. Abstract published in the Conference Proceedings.

2004

Kristjánsson, Bjarni K. and Jörundur Svavarsson, 2004, Icelandic groundwater amphipods (in Icelandic). The 25th anniversary conference of the Icelandic biology society., Reykjavik, Iceland Abstract published in the Conference Proceedings

Kristjánsson, Bjarni K. Skúlason Skúli and David L. G. Noakes, 2004. Adaptation of fishes towards lava, Icelandic “dwarf” arctic charr (in Icelandic) The 25th anniversary conference of the Icelandic biology society, Reykjavik, Iceland Abstract published in the Conference Proceedings

Traustason, Sindri and Bjarni K. Kristjánsson, 2004, The diversity of stickleback in Beljarskogur The 25th anniversary conference of the Icelandic biology society, Reykjavik, Iceland Abstract published in the Conference Proceedings

2002

Kristjánsson Bjarni K., Skuli Skulason & David L. G. Noakes. 2002. Rapid evolution of three-spine stickleback population after isolation from the sea. EEEF, Université de Laval, Québec City, Québec, Canada Abstract published in the Conference Proceedings

Kristjánsson, Bjarni K., Skuli Skulason & David L. G. Noakes. 2002. Rapid evolution of three-spine stickleback population after isolation from the sea. 37th European Marine Biology Symposium, Reykjavik, Iceland

2001

Kristjánsson, Bjarni K., Skuli Skulason & David L. G. Noakes. 2001. Parallel divergence of four Icelandic lacustrine populations of threespine stickleback (*Gasterosteus aculeatus*) towards two bottom habitats, Ontario Ecology and Ethology Colloquium, 2 - 4 May 2001. University of Guelph, Canada,

2000

Kristjánsson, Bjarni K., Skuli Skulason & David L. G. Noakes. 2000. Morphological adaptations in recently isolated threespine sticklebacks. International Congress on the Biology of Fish, 23 - 27 July 2000, University of Aberdeen, Scotland, UK.

1999

Kristjánsson, Bjarni K., Skuli Skulason & David L. G. Noakes. 1999. Morphological adaptations of Icelandic stickleback (*Gasterosteus aculeatus* L.), 30-year anniversary conference of the Icelandic Biological Society, 18 - 20.

Skulason, Skuli, Bjarni K. Kristjánsson, Lisa Doucette, Gudbjorg Olafsdottir, Bjarni Jonsson, Sigurdur S. Snorrason, Hrefna Sigurjonsdottir, Beren Robinson & David L. G. Noakes. 1999. The diversity in ecology and morphology of Icelandic Stickleback (*Gasterosteus aculeatus* L.), Third International Conference on Behavior and Evolution of Sticklebacks. University of British Columbia, Vancouver, BC, Canada. Abstract published in the Conference Proceedings.

1996

Kristjánsson, Bjarni K.. 1996. Diet of lumpfish *Cyclopterus lumpus* L. in drifting seaweed and in the intertidal (in Icelandic), Hotel Loftleidir, held by Marine Research Institute. Abstract published in the Conference Proceedings.
