

CURRICULUM VITAE

Name: Tobias Uller
Date of birth: 1977-12-29
Nationality: Swedish

EMPLOYMENT HISTORY

2013 – Present: Researcher & Wallenberg Academy Fellow, Lund University, SWE
2012 – 2015: Royal Society University Research Fellow, University of Oxford, UK
2013 – 2014: College Lecturer and Personal Tutor, St John’s College, Oxford, UK
2007 – 2012: Departmental Lecturer, University of Oxford, UK
2010 – 2011: College Lecturer and Personal Tutor, Balliol College, Oxford, UK
2008: Fulbright Fellow, University of Arizona Tucson, USA
2005 – 2007: Wenner-Gren Fellow, University of Wollongong, AUS
2001-2004: PhD in Animal Ecology, Göteborg University, SWE
1996-2000: BSc in Biology (Mathematics & Philosophy), Göteborg University, SWE

AWARDS & FELLOWSHIPS

2013-present: Wallenberg Academy Fellow, Lund University
2012-2015: Royal Society University Research Fellow, University of Oxford
2011: Honorary Senior Fellow, University of Wollongong
2009: ASAB Christopher Barnard Outstanding New Investigator Award
2008: Honorary Fellow, University of Tasmania
2007: Fulbright Fellow, University of Arizona (taken up 2008)
2005: Wenner-Gren Fellow

PUBLICATIONS SUMMARY

A full list of publications is found at the end of this document.

Summary statistics (accessed from Google Scholar on Dec 8 2014)
 Total number of citations: 3074 (2677 since 2009)
 H-score: 30 (27 since 2009)

INVITED SEMINARS

Invited Plenaries or Key Notes

2015

- *“The developmental and evolutionary basis for early life effects”*, Early life developmental effects: unifying evolutionary and biomedical perspectives, NERC workshop, University of Exeter, UK
- *“Comparative physiology and the evolution of heredity”*, International Congress on Comparative Physiology and Biochemistry, Krakow, POL
- *“Rapid adaptation to climate in lizards”*, Reptile Evo-Devo Workshop, University of Oxford, UK

2014

- *“Heredity and Evolution”*, Frontiers in Niche Construction: From Theory to Application in the Biological and Social Sciences”, Santa Fe Institute workshop, USA
- *“Heredity in Evolutionary Theory”*, Heredity Workshop, IHPST Paris, FRA
- *“Development, Causation, and the Extended Evolutionary Synthesis”*, European Evo-Devo Meeting, Vienna, AUT

- “*What is Extended in the ‘Extended Evolutionary Synthesis’?*”, Revolution Meeting, Uppsala University, SWE

2013

- “*Evolution of transgenerational epigenetic inheritance*”, 8th World Congress on the Developmental Origins of Health and Disease, Singapore
- “*Parental Effects in Development, Inheritance and Evolution?*”, International Meeting for the Society for the History, Philosophy & Social Studies of Biology, Montpellier, France
- “*Parental Effects and the Developmental Origins of Variation*”, International Ethology Conference, Newcastle, UK [with Dr S. English]
- “*UK Wall Lizards: Origins, Genetic Diversity, and why they Matter*”, Herpetofauna Workers Meeting, Edinburgh, UK

2012 and earlier

- “*Problems with the Proximate-Ultimate Distinction*”, London Evolutionary Research Network Debate, London, UK
- “*Understanding the Evolution of Sex-Determining System*”, International Workshop: Evolutionary Transitions in Sex Determination, La Sage, Switzerland
- “*Evolution of Adaptive Trans-generational Plasticity*”, International Workshop: Phenotypic Plasticity and Flexibility: When and why are early acquired traits reversible?, University of Bielefeld, Germany
- “*Parental Effects in Development & Evolution*”, Behavioural and Cognitive Neuroscience Symposium: Epigenetics of Behaviour, University of Groningen, the Netherlands
- “*Genetic Methods and the Conservation of Herpetofauna*”, Herpetofauna Workers’ Meeting, Cardiff, UK
- “*What can we learn from invasive species*”, South-West Amphibian & Reptile Groups Conference, Draycott, UK
- *Evolution and diseases of modern environments*, participation in Dahlem-style workshop, Charite Universitätsmedizin Berlin, Germany
- “*Parental Effects in Development & Evolution*”, International Meeting for the Society for the History, Philosophy & Social Studies of Biology, Brisbane, Australia
- “*Maternal Effects in Behavioural & Evolutionary Ecology*”, Association for the Study of Animal Behaviour Spring Meeting, Cardiff, UK
- “*Developmental plasticity and the evolution of parental effects*”, CUSO Workshop, Adelboden, Switzerland
- *The new role of the extended phenotype in evolutionary biology*, Participation in Dahlem-style workshop, European Science Foundation, Centre for Social Evolution, Copenhagen, Denmark
- “*Evolution of sex ratios and sex-determining systems*”, 13th Annual European Meeting of PhD students in Evolutionary Biology, Lund University, Sweden
- “*Developmental Systems, Niche Construction and Epigenetics: Is it time for a new synthesis of evolutionary biology?*” Organiser of discussion forum, 13th Annual European Meeting of PhD students in Evolutionary Biology, Lund University, Sweden

Invited Departmental Seminars (total number: 27)

University of Cork (IRL); University of Birmingham (UK); University of Valencia (SPA); University of Southampton; University of Bristol; University of Oxford x 2; University of Basel (CH); University of Lund (SWE) x 2; Institute of Zoology London; University of Exeter; University of Glasgow; University of Helsinki (FIN); University of Cambridge; University of Liverpool; University of Madrid (SPA); University of Copenhagen (DEN); University of Edinburgh; University of Sheffield; University of Manchester; Iowa State University (USA); University of NSW (AUS); Australian National University (AUS);

University of Gothenburg (SWE); University of Tasmania (AUS); University of Groningen (NED)

RESEARCH FUNDING

(Note: All grants are as Primary Investigator unless listed otherwise. Grant values are given in original GBP (£) or euro (€), grants awarded in SEK and AUD are converted)

Current

- Wallenberg Academy Fellow, €970,000 (2013-2018)
- Swedish Research Council, *Unravelling the genomic signature of sexually selected introgression in lizards*, €274,000 (2015-2017)
- Australian Research Council, *Female multiple mating and the evolutionary origins of complex societies*, Co-investigator, €226,000 (2015-2017)
- Kungliga Fysiografiska Sällskapet, Per-Eric and Ulla Schybergs Stiftelse, *The developmental origin of genome-wide epigenetic variation under maternal malnutrition*, €36,000
- Lund University, start-up funding, €107,000
- Royal Society University Research Fellow, £430,000 (2012-2017, terminated 2015)
- Early Career Research Grant, Royal Society of London, *Epigenetics of Parental Effects*, £55,400 (2014-2016, terminated 2015)
- Leverhulme Trust, *Epigenetics in Context: How Ecology shapes the Epigenome of Wild Animals*, Primary Investigator, £108,000 (2013-2015)
- FP-7, Large-scale Collaborative Project, *Integrated Research on Developmental Determinants of Ageing and Longevity*, Co-investigator, €12 M (2010-2015)

Past

- NERC, NBAF grant, *Evolutionary Processes in a recent Invader: the UK Wall Lizard (Podarcis muralis)*, £20,500 (2011)
- NERC, *Unravelling the Epigenetic Basis of Developmental Plasticity in the Wild*, £52,000 (2011)
- National Geographic Society, *Does Mixing of Genotypes Enhance the Success of Invasive Species?*, € 16,000(2011-2012)
- British Ecological Society, ECR grant, *Admixture, Genetic diversity and Colonization Success in an Invasive Lizard*, £19,350 (2010-2011)
- The Elizabeth Hannah Jenkinson Fund, *Unravelling the Epigenetic Basis of Developmental Plasticity in Wild Birds*, Primary Investigator, £2,500 (2012)
- Natural England, *Genetic Diversity and Extinction Risk in Small Reptile Populations*, Co-Investigator, £8,000 (2010-2011)
- Royal Society of London, *From Phenotypic Plasticity to Population Dynamics in an Invasive Vertebrate*, £15,000 (2009)
- The Hermon Slade Foundation, *Modelling the Impacts of Climate Change on Ectotherm Vertebrates*, Primary Investigator, £28,500 (2008-2010)
- Australian Research Council, *Maternal Effects and Sex Allocation: An Integrative Approach*, £91,000 (2008-2010)
- Australian Research Council, *Evolution of Maternal Effects: a Life History Perspective*, £89,000 (2006-2008)
- Environmental Futures Network, *Evolution of Parental Effects*, conference organization grant, £1900
- The Ian Potter Foundation, *Evolution of Parental Effects*, conference organization, £2700
- Institute for Conservation Biology and the Faculty of Science, University of Wollongong, *Conference series in Evolutionary Ecology* £6700
- Environmental Futures Network, conference organization grant, £2500

- Australian Research Council, Linkage Infrastructure, Equipment and Facilities, *Flora and Fauna Research Facility*, Partner Investigator, £90,000
- University of Wollongong, RIGB, Partner Investigator, 26 000 EUR
- University of Wollongong, RIGB, Partner Investigator, £22,000
- University of Wollongong, RIGB, Partner Investigator, £28,500

PROFESSIONAL DUTIES

2014 – Present: Advisory Board of Editors, *Journal of Experimental Zoology*

2012 – Present: Member of British Ecological Society Peer Review College

2010 – Present: Member of NERC Peer Review College

2009 – Present: Associate Editor for *Behaviour*

I review on average three manuscripts per month for international journals, including (among others): *Science*, *Proceedings of the National Academy of Sciences*, *Evolution*, *American Naturalist*, *Journal of Evolutionary Biology*, *Proceedings of the Royal Society of London B*, *Trends in Ecology & Evolution*, *Ecology Letters*, *Current Biology*

I review grant applications for *NERC (UK)*, *National Science Foundation (USA)*, *KNAW (Dutch Academy of Sciences)*, the *Austrian Research Council* and the *Israel Science Foundation*

POSTDOCTORAL FELLOWS & STUDENT SUPERVISION

Postdoctoral Researchers & Fellows:

- Dr Sinead English (2012-2015)
- Dr Ursula Paredes (2011-2015)
- Dr Geoffrey While (2008-2010, ARC; 2011-2013, Marie Curie Fellowship, FP7)

Graduate Students:

- Hannah MacGregor (PhD student 2013-2016) *Sexual selection and hybridization in lizards*, jointly with University of Tasmania, AUS
- Sozos Michaelidis (DPhil candidate 2011-2015) *Admixture and genetic diversity in an alien lizard*, University of Oxford
- Robert Heathcote (DPhil 2009-2013) *Secondary contact in the European wall lizard*. University of Oxford
- Terezia Horvathova (Research MSc 2010-2011) *Differential Allocation: Patterns, Mechanisms, Function*, University of Oxford, UK & Comenius University, SLK
- Geoffrey While (PhD 2005-2008) *Social and Genetic Structure in *Egernia whitii**, University of Tasmania, AUS (secondary supervisor)
- Mo Healey (PhD 2005-2008) *The Evolution of Colour Polymorphism in the Painted Dragon, *Ctenophorus pictus**. University of Wollongong, AUS (secondary supervisor)
- Jörgen Sagvik (PhD 2004-2008) *Ecological Genetics of Inbreeding, Outbreeding and Immunocompetence in *Ranid Frogs**, University of Gothenburg, SWE (secondary supervisor)

Supervision of BSc/MSc Students

Supervision of 15 BSc/MSc projects in three different academic systems (University of Gothenburg, Sweden [BSc=20 weeks]; University of Wollongong, Australia [Research MSc=1 year]; University of Oxford, UK [MSc Projects=12 weeks]). Supervision of > 10 undergraduate research projects at the University of Oxford.

TEACHING

2007 – 2013: Departmental Lecturer in Animal Diversity, University of Oxford, UK

2013-2014: College Lecturer and Personal Tutor, St John's College, Oxford, UK

2010-2011: College Lecturer and Personal Tutor, Balliol College, Oxford, UK

<2006: Temporary Departmental Lecturer in Animal Ecology, University of Gothenburg, SWE (Jan – March 2004); Organizing and teaching courses for postgraduate students in evolutionary and behavioral ecology, evolutionary theory, quantitative genetics, and conservation biology at the University of Gothenburg, SWE; Lecturing in evolutionary and behavioural ecology, evolutionary and ecological theory and conservation biology on a regular basis 2001-2004 at the University of Gothenburg, SWE; Demonstrator in population ecology, theoretical ecology, behavioural ecology and conservation biology on a regular basis (on average 20% of full working week) 2001-2004 at the University of Gothenburg, SWE

MEMBER OF

Association for the Study of Animal Behaviour

British Ecological Society

British Herpetological Society

European Society for Evolutionary Biology

European Society for Evolutionary Developmental Biology

International Society for the History, Philosophy & Social Studies of Biology

Society for the Study of Evolution

CONTACT ADDRESS

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FULL PUBLICATION LIST

Book Chapters & Edited Volumes

11. **Uller, T.** & Helanterä, H. Heredity in evolutionary theory. In *Challenges to Evolutionary Biology: Development and Heredity* (eds. P. Huneman & D. Walsh), Oxford University Press, forthcoming
10. While, G.M., Halliwell, B. & **Uller, T.** Evolutionary ecology of parental care in lizards. In *Reproductive Biology and Phylogeny of Lizards and Tuatara* (eds. J.L. Rheubert, D.S. Siegel & S.E. Trauth), forthcoming
9. **Uller, T.** & While, G.M. Evolutionary ecology of reproductive investment in lizards. In *Reproductive Biology and Phylogeny of Lizards and Tuatara* (eds. J.L. Rheubert, D.S. Siegel & S.E. Trauth), forthcoming
8. **Uller, T.** 2014. Evolutionary perspectives on transgenerational epigenetics. In T. Tollefsbol (Ed.), *Transgenerational epigenetics: Evidence and debate*: Elsevier.
7. **Uller, T.** 2013. Non-genetic inheritance and evolution. In *Philosophy of Biology: a Companion for Educators* (ed. Kostas Kampourakis), Springer Verlag, forthcoming
6. Mank, J. & **Uller, T.** 2013. The evolution of sex determination. In *Advances in Development and Evolution* (ed. J. Streelman), Wiley
5. **Uller, T.** 2012. Parental effects in development and evolution. In *Evolution of Parental Care* (eds. N. Royle, P. Smiseth & M. Kölliker), Oxford University Press
4. **Uller, T.**, Stuart-Fox, D. & Olsson, M. 2010. Evolution of primary sexual characters in reptiles. In *Evolution of primary sexual characters in animals* (eds. J. Leonard & A. Cordoba-Aguilar), Oxford University Press, UK
3. **Uller, T.** 2009. Biology and Ethics. In *Humans and Animals: Modern Biology and Its Conception of the World* (ed. L-J Erkell), Studentlitteratur (in Swedish)
2. **Uller, T.**, Wapstra, E. & Badyaev, A. V. 2009. *Evolution of Parental Effects: Conceptual Issues and Empirical Patterns*. Philosophical Transactions of the Royal Society, edited theme issue
1. Sagvik, J. & **Uller, T.** 2008. The role of male and female body size for amplexus and fertilization success in the moor frog, *Rana arvalis*. In *The moor frog, Rana arvalis: Morphology, Behavior, Ecology & Conservation* (ed. D. Glandt), Laurenti Verlag, Germany

Journal Papers

In press

118. *While, G.M., Williamson, J., Prescott, G., Horvathova, T., Fresnillo, B., Beeton, N.J., Halliwell, B., Michaelides, S. & ***Uller, T.** Adaptive responses to cool climate promotes persistence of a non-native lizard. *Proc R Soc Lond B*, in press [*joint first author]
117. English, S., Pen, I.R., Shea, N. & **Uller, T.** The adaptive value of non-genetic inheritance in plants and insects. *PLoS One*, in press
116. Michaelides, S., Cornish, N., Griffiths, R. Groombridge, J., Zajac, N., Walters, G.J., Aubret, F., While, G.M. & **Uller, T.** Phylogeography and conservation genetics of the common wall lizard, *Podacris muralis*, on islands at its northern range limit. *PLoS One*, in press
115. **Uller, T.** & Helanterä, H. Towards an evolutionary developmental biology of cooperation? *Studies in History and Philosophy of Biological and Biomedical Sciences*, in press
114. Waggoner, M. & **Uller, T.** Epigenetic determinism in science and society. *New Genetics and Society*, in press

113. Heathcote, R.J.P, Dawson, D.A. & **Uller, T.** Characterisation of nine microsatellite loci of utility across lineages of the European wall lizard (*Podarcis muralis*). *Cons Genet Resources*, in press

2014

112. Laland, K.L., **Uller, T.**, Feldman, M., Sterelny, K., Müller, G.B., Moczek, A., Jablonka, E. & Odling-Smee, J. Does evolutionary theory need a rethink? *Nature*, 514:161-164
111. Helanterä, H. & **Uller, T.** Neutral and adaptive explanations for an association between morph-biased gene expression and rate of sequence evolution. *Frontiers in Genetics* 5:297
110. While, G.M. & **Uller, T.** Quo vadis Amphibia? Global warming and breeding phenology in frogs, toads and salamanders. *Ecography* 37:921-929
109. Kennedy, P., **Uller, T.** & Helanterä, H. Are ant supercolonies crucibles of a new major transition in evolution? *Journal of Evolutionary Biology* 27:1784-1796
108. Heathcote, R. J. P., Bell, E., D'Etorre, P., While, G. M. & **Uller, T.** The scent of sun worship: basking experience changes scent marking composition in a lizard. *Behavioural Ecology and Sociobiology* 68: 861-870
107. Lagisz, M., Blair, H., Kenyon, P., **Uller, T.**, Raubenheimer, D. & Nakagawa, S. Transgenerational effects of caloric restriction on appetite: a meta-analysis. *Obesity Reviews* 15:294-309
106. While, G.M., **Uller, T.**, Bordogna, G. & Wapstra, E. Promiscuity resolves constraints imposed by population viscosity. *Molecular Ecology* 23: 721-732

2013

105. **Uller, T.**, Nakagawa, S. & English, S. Weak evidence for anticipatory parental effects in plants and animals. *Journal of Evolutionary Biology* 26:2161-2170
104. **Uller, T.** & Helanterä, H. Integrating non-genetic inheritance in evolutionary theory. A primer. *Non-Genetic Inheritance* 1: 27-32.
103. Warner, D.A., **Uller, T.** & Shine, R. Transgenerational sex determination: the embryonic environment experienced by a male lizard affects the sex ratio of his offspring. *Scientific Reports* 3:2709
102. **Uller, T.**, Schwartz, T. S., Koglin, T. & Olsson, M. Sperm storage and sperm competition across ovarian cycles in the dragon lizard *Ctenophorus fordi*. *Journal of Experimental Zoology* 319A:404-408
101. Laland, K.N., Odling-Smee, J., Hoppitt, W. & **Uller, T.** 2013. More on how and why: response to commentaries. *Biology & Philosophy* 28:793-810
100. Horváthová, T., Cooney, C., Fitze, P., Oksanen, T., Jelić, D., Ghira, I., Jandzik, D., & **Uller, T.** 2013. Length of activity season drives geographic variation in body size in a wide-spread lizard. *Ecology and Evolution* 3:2424-2442
99. Michaelides, S., While, G.M., Bell, C. & **Uller, T.** 2013. Human introductions create opportunities for intra-specific hybridisation in an alien lizard. *Biological Invasions* 15: 1101-1112
98. Laland, K.N., Odling-Smee, J., Hoppitt, W. & **Uller, T.** 2013. More on How and Why: Cause and effect in biology revisited. *Biology & Philosophy* 28:719-745

2012

97. Arnfield, H., Grant, R. & **Uller, T.** Factors influencing the timing of spring migration in common toads (*Bufo bufo*). *Journal of Zoology* 288: 112-118
96. Rago, A., While, G.M. & **Uller, T.** Introduction pathway and climate trump ecology and life history as predictors of establishment success in alien amphibians. *Ecology and Evolution* 2: 1437-1445.

2011

95. Laland, K.N., Sterelny, K., Odling-Smee, J., Hoppitt, W. & **Uller, T.** 2011. Cause and effect in biology revisited: Is Mayr's proximate-ultimate distinction still useful? *Science* 334:1512-1516
94. Burdge, G. C., Hoile, S. P., **Uller, T.**, Thomas, N., Gluckman, P.D., Hanson, M. A. & Lillycrop, K. A. 2011. Maternal response to an altered environment induces progressive, transgenerational changes in offspring phenotype and epigenotype. *PLoS One* 6:e28282
93. Horvathova, T., Nakagawa, S. & **Uller, T.** 2011. Strategic female investment in relation to male attractiveness in birds. *Proceedings of the Royal Society of London B* 272:163-170
92. **Uller, T.** & Leimu, R. 2011. Founder events predict changes in genetic diversity during human-mediated range expansions. *Global Change Biology* 17: 3478-3485
91. Schwartz, T. S., Perrin, C., Wapstra, E., **Uller, T.** & Olsson, M. 2011. Complex selection associated with Hox genes in a natural population of lizards. *Journal of Evolutionary Biology* 24:2550-2554
90. **Uller, T.** & Helanterä, H. 2011. When are genes 'leaders' or 'followers' in evolution? *Trends in Ecology and Evolution* 26:435-436
89. Olsson, M., Schwartz, T., Wapstra, E., **Uller, T.**, Ujvari, B., Madsen, T. & Shine, R. 2011. Climate change, multiple paternity and offspring fitness in lizards. *Evolution* 65:3323-3326
88. **Uller, T.**, While, G. M., Cadby, C., Harts, A., O'Connor, K., Pen, I. & Wapstra, E. 2011. Altitudinal divergence in maternal thermoregulatory behaviour may be driven by differences in selection on offspring survival in a viviparous lizard. *Evolution* 65:2313-2324
87. Hafer, N., Ebil, S., **Uller, T.** & Pike, N. 2011. Trans-generational effects of food availability on age at maturity and reproductive output in an asexual collembolan. *Biology Letters* 7:755-758
86. **Uller, T.** & Helanterä, H. 2011. From the origin of sex-determining factors to the evolution of sex-determining systems. *Quarterly Review of Biology* 86:163-180
85. Olsson, M., Pauliny, A., Wapstra, E., **Uller, T.**, Schwartz, T. & Blomqvist, D. 2011. Sex differences in telomere selection in the wild. *Molecular Ecology* 20: 2085-2099
84. **Uller, T.** & Pen, I. 2011. A theoretical model of the evolution of maternal effects under parent-offspring conflict. *Evolution* 65:2075-2084
83. Olsson, M., Pauliny, A., Wapstra, E., **Uller, T.**, Schwartz, T. & Blomqvist, D. 2011. Sex differences in sand lizard telomere inheritance: paternal epigenetic effects increases telomere heritability and offspring survival. *PLoS One* 6: e17473
82. Shea, N., Pen I. & **Uller, T.** 2011. Three epigenetic information channels and their different roles in evolution. *Journal of Evolutionary Biology* 24: 1178-1187
81. Isaksson, C., Sheldon, B. C. & **Uller, T.** 2011. The challenges of integrating oxidative stress and life history biology. *Bioscience* 61:194-202
80. While, G.M., **Uller, T.** & Wapstra, E. 2011. Variation in social organisation influences the opportunity for sexual selection in pair-bonding lizards. *Molecular Ecology* 20: 844-852
79. Olsson, M., Wapstra, E., Schwartz, T., Madsen, T., Ujvari, B., **Uller, T.** 2011. In hot pursuit: Fluctuating mating system and sexual selection in sand lizards. *Evolution* 65: 574-585
- 2010**
78. Pen, I., **Uller, T.**, Feldmeyer, B., Harts, A., While, G. M. & Wapstra, E. 2010. Climate-driven population divergence in sex-determining systems. *Nature* 468: 436-439

77. Cornwallis, C. K. & **Uller, T.** 2010. A dynamic state of affairs – it could be if we let it! *Trends in Ecology & Evolution* 25:430-431
76. Cadby, C. D., While, G. M., Hobday, A., **Uller, T.** & Wapstra, E. 2010. Climate effects on offspring size at birth and date of birth in a reptile. *Integrative Zoology* 5:164-175
75. Helanterä, H. & **Uller, T.** 2010. The Price equation and extended inheritance. *Philosophy & Theory in Biology* 2: e101
74. **Uller, T.** & Olsson, M. 2010. Offspring size and timing of hatching determine survival and reproductive output in a lizard. *Oecologia* 162: 663-671
73. Wapstra, E., **Uller, T.** While, G.M., Olsson, M. & Shine, R. 2010. Giving offspring a head start in life: Field and experimental evidence for selection on maternal basking in a lizard. *Journal of Evolutionary Biology* 23: 651-657
72. Cornwallis, C.K. & **Uller, T.** 2010. Towards an evolutionary ecology of sexual traits. *Trends in Ecology & Evolution* 25: 145-152

2009

71. While, G. M., **Uller, T.**, McEvoy, J. & Wapstra, E. 2009. Long-lasting effects of among- but not within-litter timing of birth in a viviparous lizard. *Evolutionary Ecology Research* 11:1259-1270
70. Olsson, M., Wilson, M., Isaksson, C. & **Uller, T.** 2009. Polymorphic ROS scavenging revealed by CCCP in a lizard. *Naturwissenschaften* 96: 845-849
69. **Uller, T.**, Hollander, J., Astheimer, L. & Olsson, M. 2009. Sex-specific developmental plasticity in response to yolk corticosterone in an oviparous lizard. *Journal of Experimental Biology* 212: 1087-1091
68. Olsson, M., Wilson, M., **Uller, T.** & Isaksson, C. 2009. Free radicals run in lizard families without (and perhaps with) mitochondrial uncoupling. *Biology Letters*, 5: 345-346
67. While, G. M., **Uller, T.** & Wapstra, E. 2009. Family conflict and the evolution of sociality in reptiles. *Behavioral Ecology* 20: 245-250
66. **Uller, T.** & Badyaev, A. V. 2009. Evolution of “determinants” in sex determination: A novel hypothesis for the origin of environmental contingencies in avian sex bias. *Seminars in Cell & Developmental Biology* 20: 304-312
65. Badyaev, A. V & **Uller, T.** 2009. Parental effects in ecology and evolution: Mechanisms, processes, and implications. *Philosophical Transactions of the Royal Society*, 364: 1169-1177
64. Harris, W. E. & **Uller, T.** 2009. Reproductive investment when mate quality varies: differential allocation versus reproductive compensation. *Philosophical Transactions of the Royal Society of London B* 364: 1039-1048
63. Mousseau, T. A., **Uller, T.**, Wapstra, E. & Badyaev, A. V. 2009. Introduction. Evolution of Parental Effects: Past and Present. *Philosophical Transactions of the Royal Society* 364: 1035-1038
62. **Uller, T.**, Sagvik, J. & Olsson, M. 2009. Pre-hatching exposure to water mold reduces size at metamorphosis in the moor frog. *Oecologia* 160: 9-14
61. While, G. M., **Uller, T.** & Wapstra, E. 2009. Offspring performance and adaptive prolongation of pregnancy: experimental test in a lizard. *Functional Ecology* 23: 818-825
60. Olsson, M., Healey, M., Wapstra, E. & **Uller, T.** 2009. Testing the quality of carriers: a field experiment on lizard signallers. *Evolution* 63: 695-701
59. While, G. M., **Uller, T.** & Wapstra, E. 2009. Within population variation in social strategies characterize the social and mating system of an Australian lizard, *Egernia whitii*. *Austral Ecology* 34:938-949
58. **Uller, T.** & Olsson, M. 2009. The offspring size-number problem in a lizard with small clutch size: tests of invariants and potential implications. *Evolutionary Ecology* 23: 363-372

57. Olsson, M. & **Uller, T.** 2009. On parsimonious paternity and scientific rigor: A reply to Madsen. *Molecular Ecology* 18: 25-27
56. Olsson, M., Schwartz, T., **Uller, T.** & Healey, M. 2009. Effects of sperm storage and male colour on probability of paternity in a polychromatic lizard. *Animal Behaviour* 77:419-424
55. **Uller, T.**, While, G. M., Wapstra, E., Warner, D. A., Goodman, B. A., Schwarzkopf, L., Langkilde, T., Doughty, P., Radder, R. S., Rohr, D. H., Bull, C. M., Shine, R., & Olsson, M. 2009. Evaluation of offspring size-number invariants in twelve species of lizard. *Journal of Evolutionary Biology* 22: 143-151
54. Wapstra, E., **Uller, T.**, Sinn, D., Olsson, M., Joss, J. & Shine, R. 2009. Climate effects on offspring sex ratio in a viviparous lizard. *Journal of Animal Ecology* 78: 84-90
53. Warner, D., **Uller, T.** & Shine, R. 2009. Sex-specific consequences of hatching date may drive the evolution of temperature-dependent sex determination in short-lived lizards. *Evolutionary Ecology* 23: 281-294

2008

52. **Uller, T.**, Odierna, G. & Olsson, M. 2008. Sex ratio variation and sex determination in the mallee dragon, *Ctenophorus fordi* (Lacertilia:Agamidae) *Integrative Zoology* 3:157-165
51. Gustavsson, L., Johnsson, J. J. & **Uller, T.** 2008. Mixed support for sexual selection theories of mate preferences in the Swedish population. *Evolutionary Psychology* 6:575-585
50. Sherman, C. S. H., **Uller, T.**, Wapstra, E. & Olsson, M. 2008. Intraspecific variation in sperm traits in a prolonged breeder, Peron's Tree Frog, *Litoria peronii*. *Naturwissenschaften*, 95:1055-1061
49. **Uller, T.** 2008. Developmental plasticity and the evolution of parental effects. *Trends in Ecology & Evolution* 23: 432-438
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