

Publications

2007

37. **Uller, T.**, Pen, I., Wapstra, E., Beukeboom, L. & Komdeur, J. Evolution of sex ratios and sex-determining systems. *Trends in Ecology and Evolution*, *in press*.
36. Wapstra, E., **Uller, T.**, Pen, I., Olsson, M., Shine, R. & Komdeur, J. Disentangling the complexities of vertebrate sex allocation: a role for squamate reptiles? *Oikos*, *in press*.
35. **Uller, T.**, Astheimer, L. & Olsson, M. Consequences of maternal yolk testosterone for offspring development and survival: experimental test in a lizard. *Functional Ecology*, *in press*.
34. Sagvik, J., **Uller, T.**, Stenlund, T. & Olsson, M. Intraspecific variation in resistance of frog eggs to fungal infection. *Evolutionary Ecology*, *in press*.
33. Healey, M., **Uller, T.**, Olsson, M. &. Seeing red: morph-specific contest success, and survival rates, in a colour-polymorphic agamid lizard. *Animal Behaviour*, *in press*.

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32. **Uller, T.**, Mott, B., Odierna, G. & Olsson, M. 2006. Consistent sex ratio bias of individual female dragon lizards. *Biology Letters* 2: 569-572.
31. **Uller, T.** & Olsson, M. 2006. No seasonal sex ratio shift despite sex-specific fitness returns of hatching date in a lizard with genotypic sex determination. *Evolution* 60: 2131-2136.
30. **Uller, T.**, Isaksson, C. & Olsson, M. 2006. Immune challenge reduces reproductive output and growth in a lizard. *Functional Ecology* 20: 873-879.
29. Isaksson, C., **Uller, T.** & Andersson, S. A. 2006. Parental effects on plumage coloration in nestling great tits, *Parus major*. *Behavioral Ecology and Sociobiology* 60: 556-562.
28. **Uller, T.**, Sagvik, J. & Olsson, M. 2006. Crosses between frog populations reveal genetic divergence in larval life history at short geographic distance. *Biological Journal of the Linnean Society* 89: 189-195.
27. **Uller, T.** 2006. Sex-specific sibling interactions and offspring fitness in vertebrates: patterns and implications for maternal sex ratios. *Biological Reviews*, 81: 207-217.
26. **Uller, T.** & Olsson, M. 2006. Direct exposure to corticosterone during embryonic development influences behaviour in an ovoviviparous lizard. *Ethology*, 112: 390-397.
25. **Uller, T.**, Andersson, S. & Eklöf, J. 2006. Juvenile cell mediated immune response is negatively correlated with subsequent adult ornament size in quail. *Evolutionary Ecology*, 20: 1-9.

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24. Jansson, N., **Uller, T.** & Olsson, M. 2005. Female dragons, *Ctenophorus pictus*, do not prefer scent from unrelated males. *Australian Journal of Zoology*, 53: 279-282.

23. **Uller, T.** & Olsson, M. 2005. Continuous male presence required for fertilisation in captive painted dragons, *Ctenophorus pictus*. *Journal of Experimental Zoology*, 303A: 1115-1119.
22. **Uller, T.**, Meylan, S., de Fraipont, L. & Clobert, J. 2005. Is sexual dimorphism affected by the combined action of prenatal stress and sex ratio? *Journal of Experimental Zoology*, 303A:1110-1114.
21. Olsson, M., Wapstra, E. & **Uller, T.** 2005. Differential sex allocation in sand lizards, *Lacerta agilis*, a species with heteromorphic sex chromosomes. *Biology Letters 1*: 378-380.
20. **Uller, T.**, Eklöf, J. & Andersson, S. 2005. Female egg investment in relation to male sexual traits and the potential for transgenerational effects in sexual selection. *Behavioral Ecology and Sociobiology 57*: 584-590.
19. Sagvik, J., **Uller, T.** & Olsson, M. 2005. Outbreeding depression in the common frog, *Rana temporaria*. *Conservation Genetics 6*: 205-211.
18. **Uller, T.** & Olsson, M. 2005. Multiple copulations in natural populations of lizards: evidence for the fertility assurance hypothesis. *Behaviour 142*: 45-56.
17. Olsson, M., Madsen, T., **Uller, T.**, Wapstra, E. & Ujvari, B. 2005. The role of Haldane's rule in sex allocation. *Evolution 59*: 221-225.
16. **Uller, T.** & Olsson, M. 2005. The trade-off between offspring size and number in *Lacerta vivipara*: a comparison between field and laboratory conditions. *Journal of Zoology 265*: 295-299.

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15. **Uller, T.**, Massot, M., Richard, M., Lecomte, J. & Clobert, J. 2004. Long-lasting fitness consequences of prenatal sex ratio in a viviparous lizard. *Evolution 58*: 2511-2516.
14. **Uller, T.** & Olsson, M. 2004. Ectoparasite susceptibility in lizards from populations sympatric and allopatric with ticks. *EcoScience 11*: 428-432.
13. Olsson, M., Madsen, T., Ujvari, B., **Uller, T.** & Wapstra, E. 2004. Haldane rules: costs of outbreeding at production of daughters in sand lizards. *Ecology Letters 7*: 924-928.
12. **Uller, T.** 2004. Sex allocation and maternal effects in lizards. PhD-thesis, Department of Zoology, Göteborg University, Sweden.
11. Andersson, S., **Uller, T.**, Löhmus, M. & Sundström, F. 2004. Effects of egg yolk testosterone on growth and immunity in a precocial bird. *Journal of Evolutionary Biology*, 17: 501-504.

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10. **Uller, T.** & Olsson, M. 2003. Prenatal exposure to testosterone increases ectoparasite susceptibility in the common lizard, *Lacerta vivipara*. *Proceedings of the Royal Society of London B*. 270: 1867-1870.
9. **Uller, T.**, Olsson, M. & Madsen, T. 2003. Family and population effects on disease resistance in a reptile. *Heredity 91*: 112-116.
8. **Uller, T.** & Johansson, L. C. 2003. Human mate choice and the wedding ring effect: are married men more attractive? *Human Nature 14*: 267-276.

7. **Uller, T.** 2003. Viviparity as a constraint on sex ratio evolution. *Evolution* 57: 927-931.
6. **Uller, T.** & Olsson, M. 2003. Life in the land of the midnight sun: are northern lizards adapted to longer days? *Oikos* 101: 317-322.
5. Olsson, M & **Uller, T.** 2003. Temperature, survival, and local adaptation in the common frog, *Rana temporaria*. *Evolutionary Ecology Research* 5:431-437
4. **Uller, T.** & Olsson, M. 2003. Prenatal sex ratios influence sexual dimorphism in a reptile. *Journal of Experimental Zoology* 295A: 183-187.

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3. Olsson, M. & **Uller, T.** 2002. Developmental stability and genetic architecture: a comparison within and across thermal regimes in tadpoles. *Journal of Evolutionary Biology* 15: 625-633.
2. **Uller, T.**, Olsson, M. & Ståhlberg, F. 2002. Variation in heritability of tadpole growth: an experimental analysis. *Heredity* 88: 480-484.

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1. Ståhlberg, F., Olsson, M. & **Uller, T.** 2001. Population divergence of developmental thermal optima in Swedish common frogs, *Rana temporaria*. *Journal of Evolutionary Biology* 14: 755-762.

Miscellaneous

- Uller, T.** 2005. Hanligt och honligt ur ett biologiskt perspektiv. *Centrum for Genusforskning, Uppsala Universitet*
- Uller, T.** 2004. Sexuell selektion och partnerval hos människor. *Mervetarna*.
- Uller, T.** 2003. Reptiler som modellsystem i biologisk forskning. In: *Forskning på icke-traditionella försöksdjur*. CFNs skriftserie 48.