

Publications

Mats Olsson

Tobias Uller

Craig Sherman

Mo Healey

Thomas Madsen

Beata Ujvari

Caroline Isaksson

A current publication list for each researcher can be found below.
(As of March 2008)

List of publications for Mats Olsson

130. **Olsson, M.** 2007. Sexual segregation in vertebrates – Ecology of the two sexes. Refereed book review. *ISBE Newsletter* 19,1, 29-30.
129. **Olsson, M.**, Wapstra, E., Healey, M., Schwartz, T and Uller, T. In press. Selection on space use in a polymorphic lizard. **Evolutionary Ecology Research**
127. **Olsson, M.**, Schwartz, T., Uller, T. and Healey. In press. Sperm competition in a polychromatic lizard. **Animal Behaviour**.
126. Uller, T. and Olsson, M. In press. Multiple paternity in reptiles: patterns and processes. **Molecular Ecology**.
125. **Olsson, M.**, Wilson, M., Isaksson, C., Uller, T. and Mott, B. In press. Carotenoid intake does not mediate a relationship between Reactive Oxygen Species and bright coloration: experimental test in a lizard. **Journal of Experimental Biology**
124. Sagvik, J., Uller, T., and **Olsson, M.** In press. A genetic component of resistance to fungal infection in frog embryos. **Proceedings of the Royal Society London B**.
123. Uller, T., Stuart-Fox, D. and **Olsson, M.** In press. Evolution of primary sexual characters in reptiles. *In: J. L. Leonard and A. Córdoba-Aguilar, 'The evolution of primary sexual characters in animals'*. Oxford University Press.
122. Sherman, C. D. H., Wapstra, E., Uller, T. and **Olsson, M.** In press Males with high genetic similarity to females sire more offspring in sperm competition in Peron's tree frog, *Litoria peronii*. **Proceedings of the Royal Society London B**.

121. Healey, M. and **Olsson**, M. In press. Territory acquisition in a polymorphic lizard – an experimental approach. **Austral Ecology**.
120. **Olsson**, M., Wilson, M., Uller, T., Mott, B., Isaksson, C., Healey, M., and Wanger, T. In press. Free radicals run in lizard families. **Biology Letters**.
119. **Olsson**, M., Healey, M. and Astheimer, L. 2007. Afternoon T: Testosterone level is higher in red than yellow male polychromatic lizards. **Physiology and Behavior**. 91, 5, 531-534
118. **Olsson**, M., Schwartz, T., Uller, T. and Healey, M. Sons are made from old stores: sperm storage effects on sex ratio in a lizard. **Biology Letters**. 3: 491 – 493
117. Healey, M., Uller, T. and **Olsson**, M. In press. Variety is the spice of life: female lizards choose to associate with colour-polymorphic male dyads. **Ethology**.
116. **Olsson**, M., Healey, M., Wapstra, E., Schwartz, T., LeBas, N. and Uller, T. 2007. Mating system variation and morph fluctuations in a polymorphic lizard. **Molecular Ecology**. 16: 24 5307-5315
115. **Olsson**, M., Wilson, M., Uller, T., Mott, B., and Isaksson, C. In press. Variation in levels of Reactive Oxygen Species is explained by maternal identity, sex, and relative clutch size in a lizard. **Naturwissenschaften**.
114. Uller, T. and **Olsson**, M. In press. Offspring size number strategies in a lizard with small clutch sizes: tests of invariants and potential implications. **Evolutionary Ecology**.
113. Sagvik, J., Uller, T., Stenlund, T., and **Olsson**, M. In press. Intraspecific variation in fungal infection of frogs eggs. **Evolutionary Ecology**.
112. Uller, T., Astheimer, L., and **Olsson**, M. In press. Consequences of maternal yolk testosterone for offspring development and survival: experimental test in a lizard. **Functional Ecology**.
111. Wapstra, E., Uller, T., Pen, I, Komdner, J, **Olsson**, M. and Shine, R. 2007. Disentangling the complexities of vertebrate sex allocation: a role for squamate reptiles? **Oikos**.
110. Sherman, C. D. H. and **Olsson**, M. In press. Polymorphic microsatellite loci in the Australian tree frog, *Litoria peronii*. **Conservation Genetics**.
109. Schwartz, T. and **Olsson**, M. Microsatellite markers developed for a Swedish population of sand lizard *Lacerta agilis*. **Conservation Genetics**, In Press. Accepted Nov. 2006.

108. Schwartz, T., Warner, D., Beheregaray, L. and Olsson, M. In press. Microsatellite markers for the Australian Agamids. **Molecular Ecology Notes**
107. Healey, M., Uller, T. & **Olsson**, M. 2007. Seeing red: morph-specific contest success, and survival rates, in a colour-polymorphic lizard. **Animal Behaviour** 74: 337-341
106. Uller, T., Mott, B., Odierna, G. and **Olsson**, M. 2006. Consistent sex ratio bias of individual female dragon lizards. **Biology Letters**, 2:569-572.
105. Uller, T. and **Olsson**, M. 2006. No seasonal sex ratio shift despite sex-specific fitness returns of hatching date in a lizard with GSD. **Evolution**, 60: 2131-2136.
104. Madsen, T., Ujvari, B., Shine, R., and **Olsson**, M. 2006. Rain, rats and pythons: climate driven population dynamics of predators and prey in tropical Australia. **Austral Ecology** 31:30-37.
103. Madsen, T., Ujvari, B., Shine, R., Buttemer, W. and **Olsson**, M. 2006. Size matters: Extraordinary rodent abundance on an Australian tropical floodplain. **Austral Ecology** 31:361-365.
102. Uller, T., Sagvik, J. and **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.
101. Uller, T., Isaksson, C. and **Olsson**, M. 2006. Immune challenge reduces reproductive output and growth in a lizard. **Functional Ecology**, 20:873-879.
100. Uller, T. and **Olsson**, M. 2006. Direct exposure to corticosterone during embryonic development influences behaviour in an ovoviviparous lizard. **Ethology**, 112:390-397.
99. Jansson, N., Uller, T. and **Olsson**, M. 2005. Female dragons, *Ctenophorus pictus*, do not prefer scent from unrelated males. **Australian Journal of Zoology**. **53**, 279-282.
98. Uller, T. & **Olsson**, M. 2005. Continuous male presence required for fertilisation in captive painted dragons, *Ctenophorus pictus*. **Journal of Experimental Zoology Part A: Comparative Experimental Biology**, 303A: 1115-1119.
97. Uller, T. and **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.
96. **Olsson**, M., Wapstra, E., Swan, G., Snaith, E., Clarke, R., and Madsen, T. 2005. Effects of long-term fox baiting on species composition and abundance in an Australian lizard community. **Austral Ecology**, 30: 899-905.

95. **Olsson, M.**, Wapstra, E., Madsen, T., Ujvari, B. and Rugfelt, C. 2005. Costly parasite resistance: a genotype-dependent handicap in sand lizards. **Proceedings of the Royal Society, Biology Letters**, **1**: 375-377.
94. **Olsson, M.**, Ujvari, B., Wapstra, E., Madsen, T. Shine, R., Bensch, S. 2005. Does mate guarding prevent rival mating in snow skink lizards? A test using AFLP. **Herpetologica**, **61**: 389-394.
93. **Olsson, M.**, Wapstra, E., and Uller, T. 2005. Differential sex allocation in sand lizards: bright males induce daughter production in a species with heteromorphic sex chromosomes. **Proceedings of the Royal Society, Biology Letters**. **1**: 378-380.
92. **Olsson, M.**, Madsen, T., Wapstra, E., Silverin, Ujvari, B. and Wittzell, H. 2005. MHC, health, color, and reproductive success in sand lizards. **Behavioral Ecology and Sociobiology**, **58**, 289-294.
90. Ujvari, B., Madsen, T. and **Olsson, M.** 2005. Discrepancy in mitochondrial and nuclear polymorphism in meadow vipers Vipera ursinii questions the unambiguous use of mtDNA in conservation studies. **Amphibia-Reptilia**, **26**: 287-293
89. **Olsson, M.**, Madsen, T., Uller, T., Wapstra, E., and Ujvari, B. 2005. The role of Haldane's rule in sex allocation. **Evolution**, 221-225.
88. Madsen, T., Ujvari, B., **Olsson, M.**, and Shine, R. 2005. Paternal alleles enhance female reproductive success in tropical pythons. **Molecular Ecology**, **14**: 1783-1787.
87. Madsen, T., Ujvari, B., and **Olsson, M.** 2005. Old pythons stay fit; effects of haematozoan infections on lifehistory traits of a large tropical predator. **Oecologia**, **142**, 407-412.
86. Uller, T., and Olsson, M. 2005. Multiple copulations in natural populations of lizards: evidence for the fertility assurance hypothesis. **Behaviour**, **142**: 45-56.
85. Sagvik, J., Uller, T., and **Olsson, M.** 2005. Outbreeding depression in the common frog, Rana temporaria. **Conservation Genetics**, **6**: 205-211.
84. Uller, T. , and **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.

91. Madsen, T., Ujvari, B., and **Olsson**, M. 2004. Novel genes continue to enhance population growth in adders Vipera berus. **Biological Conservation**, 120, 145-147.
83. Uller, T., and **Olsson**, M. 2004. Ectoparasite susceptibility in lizards from populations sympatric and allopatric with ticks. **EcoScience**, 11, 428-432.
82. Ryberg, K., **Olsson**, M., Wapstra, E., Madsen, T., Anderholm, S., and Ujvari, B. 2004. Offspring-driven local dispersal in female sand lizards Lacerta agilis. **Journal of Evolutionary Biology**, 17, 1215-1220.
81. **Olsson**, M., Ujvari, B., Madsen, T., Uller, T., and Wapstra, E. 2004. Haldane rules: costs of outbreeding at production of daughters in sand lizards. **Ecology Letters**, 7, 924-928.
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78. Ujvari, B., Madsen, T. and **Olsson**, M. 2004. High prevalence of Hepatozoon spp. Apicomplexa, Hepatozoidae infection in water pythons Liasis fuscus from tropical Australia. **Journal of Parasitology**, 90, 670-672.
77. Anderholm, S., **Olsson**, M., Wapstra, E., and Ryberg, K. 2004. Fit and fat from enlarged badges, **Proceedings of the Royal Society B Letters**, 271, 142-144.
76. Uller, T. and **Olsson**, M. 2003. Prenatal exposure to testosterone increases ectoparasite susceptibility in the common lizard Lacerta vivipara, **Proceedings of the Royal Society B**, 270, 1867-1870.
75. **Olsson**, M., Madsen, T., Nordby, J., Wapstra, E., Ujvari, B., and Wittzell, H. 2003. Major histocompatibility complex and mate choice in sand lizards. **Proceedings of the Royal Society B, Letters**, 270, 254-256.
74. Uller, T., **Olsson**, M. and Madsen, T. 2003. Family and population effects on disease resistance in a reptile. **Heredity**, 91, 112-116.
73. **Olsson**, M. and Uller, T. 2003. Thermal environment, survival, and local adaptation in the common frog, Rana temporaria. **Evolutionary Ecology Research**, 5, 431-437.
72. Shine, R. and **Olsson**, M. 2003. When to be born? Prolonged pregnancy or incubation enhances locomotor performance in neonatal lizards Scincidae. **Journal of**

- Evolutionary Biology**, 16, 823-832.
71. Uller, T. and **Olsson**, M. 2003. Prenatal sex ratio influences sexual dimorphism in a reptile. **Journal of Experimental Zoology**, 295A, 183-187.
70. Uller, T. and **Olsson**, M. 2003. Life in the land of the midnight sun: are northern lizards adapted to longer days?' **Oikos**, 101, 317-322.
69. **Olsson**, M. and Shine, R. 2003. Female-biased natal dispersal in an alpine lizard, *Niveoscincus microlepidotus*. **Biological Journal of the Linnean Society**, 79, 277-283.
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67. **Olsson**, M., Shine, R., Wapstra, E., Ujvari, B. and Madsen, T. 2002. Sexual dimorphism in lizard body shape: the roles of sexual selection and fecundity selection. **Evolution**, 56, 7, 1538-1542.
66. Uller, T. and **Olsson**, M. 2002. Variation in heritability of tadpole growth: an experimental analysis. **Heredity**, 88, 480-484.
65. **Olsson**, M. and Uller, T. 2002. Developmental stability and genetic architecture: a comparison within and across thermal regimes in tadpoles. **Journal of Evolutionary Biology**, 15, 625-633.
64. **Olsson**, M. 2002. No female mate choice in Mallee dragon lizards, *Ctenophorus fordi*. **Evolutionary Ecology**, 15, 129-141.
63. **Olsson**, M., Wapstra, E. and Olofsson, C. 2002. Offspring size-number strategies: experimental manipulation of offspring size in a viviparous lizard *Lacerta vivipara*. **Functional Ecology**, 16, 135-140.
62. Ujvari, B., T. Madsen, T. Kotenko, M. **Olsson**, R. Shine and H. Wittzell. 2002. Low genetic diversity threatens imminent extinction for the Hungarian meadow viper *Vipera ursinii rakosiensis*. **Biological Conservation**, 105, 127-130.
61. **Olsson**, M. 2001. 'Voyerism' prolongs copulation in the dragon lizard *Ctenophorus fordi*. **Behavioral Ecology and Sociobiology**, 50, 4, 378-381.
60. **Olsson**, M. and Madsen, T. 2001. Between-year variation in determinants of offspring survival, *Lacerta agilis*. **Functional Ecology**, 15, 443-450.
59. Ståhlberg, F., **Olsson**, M. and Uller, T. 2001. Population divergence of developmental thermal optima in the Common Frog, *Rana temporaria*. **Journal of Evolutionary Biology**, 14, 5, 755-762.

58. **Olsson, M.** and Madsen, T. 2001. 'Promiscuity' in sand lizards and adder snakes: causes and consequences. **Journal of Heredity**, 92, 2, 190-197.
57. Shine, R., M. P. LeMaster, I. T. Moore, M. M. **Olsson**, and R. T. Mason. 2001. Bumpus in the snake den: effects of sex, size and body condition on mortality in red-sided garter snakes. **Evolution**, 55, 3, 598-604.
56. **Olsson, M.** and Shine, R. 2001. Facultative sex allocation in snow skink lizards *Niveoscincus microlepidotus*. **Journal of Evolutionary Biology**, 14, 1, 120-128.
55. **Olsson, M.** and Shine, R. 2000. Ownership determines the outcome of male-male contests in the scincid lizard, *Niveoscincus microlepidotus*. **Behavioural Ecology**, 11, 6, 587-590.
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53. Shine, R., Harlow, P. S., Elphick, M. J., **Olsson, M.** and Mason, R. T. 2000. Conflicts between courtship and thermoregulation: the thermal ecology of amorous male garter snakes *Thamnophis sirtalis parietalis*, Colubridae. **Physiological and Biochemical Zoology** 73, 4, 508-516.
52. **Olsson, M.**, Wapstra, E., Madsen, T. and Silverin, B. 2000. Testosterone, Ticks, and Travels: a test of the immunocompetence-handicap hypothesis in free-ranging lizards. **Proceedings of the Royal Society B**, 267, 1-5.
51. Shine, R., **Olsson, M.**, Mason, R., LeMaster, M. and Moore, T. 2000. Body size enhances mating success in male garter snakes. **Animal Behaviour**, 59, 3, F4-F11.
50. Shine, R., M. M. **Olsson**, Mason, R. T. 2000. Chastity belts in gartersnakes: the functional significance of mating plugs. **Biological Journal of the Linnean Society**, 70, 3, 377-390.
49. **Olsson, M.**, Shine, R. and Ba'k-Olsson, E. 2000. Lizards as a plant's 'hired help': letting pollinators in and seeds out. **Biological Journal of the Linnean Society**, 71, 2, 191-202.
48. Shine, R., **Olsson, M.**, Mason, R. T., Moore, I. T. and LeMaster, M. P. 2000. Are snakes right-handed? Asymmetry in hemipenis size and usage in gartersnakes *Thamnophis sirtalis*. **Behavioral Ecology**, 11, 4, 411-415.
47. Madsen, T., Shine R., **Olsson, M.** and Wittzell, H. 1999. Restoration of an inbred adder population. **Nature**, 402, 34-35.

46. Madsen, T., **Olsson**, M., Wittzell, H., Stille, B., Gullberg, A., Shine, R., Andersson, S. and Tegelström, H. 2000 Population size and genetic diversity in sand lizard Lacerta agilis and adders Vipera berus. **Biological Conservation**, 94, 257-262
45. Shine, R., **Olsson**, M., Moore, I. T., LeMaster, M. P. and Mason, R. T. 1999. Why do males have longer tails than females? **Proceedings of the Royal Society B.**, 266, 2147-2151.
44. Shine, R., **Olsson**, M., LeMaster, M., Moore, I. T. and Mason, R. T. 2000 Effects of sex, body size, temperature, and location on antipredator tactics in free-ranging gartersnakes Thamnophis sirtalis, Colubridae. **Behavioral Ecology**, 11, 3, 239-24
43. **Olsson**, M., Shine, R. and Bak-Olsson, E. 2000. Locomotor impairment of gravid lizards: is the burden physical or physiological? **Journal of Evolutionary Biology**, 13, 263-268.
42. **Olsson**, M. and Shine, R. 1999. Phenotypic plasticity in the frequency of reproduction in the Tasmanian snow skink Niveoscincus microlepidotus. **Copeia**, 1999, 794-796.
41. **Olsson**, M. and Shine, R. 1999. Timing of parturition as a maternal care strategy in an alpine lizard species. **Evolution**, 52, 6, 1861-1864.
40. **Olsson**, M., Birkhead, T. and Shine, R. 1999. Can relaxed time constraints on sperm production eliminate protandry in an ectotherm? **Biological Journal of the Linnean Society**, 66, 159-170.
39. **Olsson**, M., Pagel, M., Shine, R., Madsen, T., Doums, C., Gullberg, A. and Tegelström, H. 1999. Sperm choice and Sperm competition: suggestions for field and laboratory studies. **Oikos**, 84, 172-175.
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37. Gullberg, A., **Olsson**, M. and Tegelström, H. 1998. Evolution in populations of Swedish sand lizards: genetic differentiation and loss of variability revealed by multilocus DNA fingerprinting. **Journal of Evolutionary Biology**, 12, 17-26.
36. Gullberg, A., Tegelström, H. and **Olsson**, M. 1998. Microsatellites in the sand lizard Lacerta agilis: description, variation, inheritance, and applicability. **Biochemical Genetics**, 35, 281-295.
35. **Olsson**, M. and Shine, R. 1998 Olfactory mate recognition and mate guarding by snow skinks, Niveoscincus microlepidotum. **Behavioral Ecology and Sociobiology**, 43, 359-363.

34. **Olsson, M.** and Madsen, T. 1998. Sexual selection and sperm competition in reptiles. *In*: T. Birkhead and A. Møller eds.. **Sexual Selection and Sperm Competition**, Academic Press. Peer reviewed book chapter, pp. 503-564.
33. **Olsson, M.**, Madsen, T. and Shine, R. 1997. Is sperm really so cheap? Costs of reproduction in male adders, Vipera berus. **Proceedings of the Royal Society B**, 264, 1380, 455-459.
32. **Olsson, M.**, Shine, R., Madsen, T., Gullberg, A. and Tegelström, H. 1997. Sperm choice by females. **Trends in Ecology and Evolution**, 12, 11, 445-446.
31. **Olsson, M.** and Shine, R. 1997. Advantages of multiple matings to females: a test of the infertility hypothesis using lizards. **Evolution**, 51, 5, 1684-1688.
30. **Olsson, M.** and Silverin, B. 1997 Effects of growth rate on variation in breeding coloration in male sand lizards Lacerta agilis: Sauria. **Copeia**, 2, 456-460.
29. **Olsson, M.** and Shine, R. 1997. The seasonal timing of oviposition in sand lizards Lacerta agilis: why early clutches are better. **Journal of Evolutionary Biology**, 10, 369-381.
28. Gullberg, A., **Olsson, M.** and Tegelström, H. 1997. Male mating success, reproductive success and multiple paternity in a natural population of sand lizards: behavioural and molecular genetics data. **Molecular Ecology**, 6, 105-112.
27. **Olsson, M.**, Gullberg, A. and H. Tegelström. 1997. Determinants of breeding dispersal in the sand lizard Lacerta agilis. **Biological Journal of the Linnean Society**, 60, 243-256.
26. **Olsson, M.** and Shine, R. 1997. The limits to reproductive output: offspring size versus number in the sand lizard Lacerta agilis. **The American Naturalist**, 149, 1, 179-188.
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24. **Olsson, M.**, Gullberg, A., Shine, R., Madsen, T. and Tegelström, H. 1996. Paternal genotype influences incubation period, offspring size, and offspring shape in an oviparous reptile. **Evolution**, 50, 3, 1328-1333.
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- Journal of Evolutionary Biology**, 9, 229-242.
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 20. **Olsson**, M. and Madsen, T. 1996. Costs of mating with infertile males selects for late emergence in female Lacerta agilis. **Copeia**, 2, 462-464.
 19. **Olsson**, M. 1995. Territoriality in Lake Eyre Dragons Ctenophorus maculosus: are males superterritorial? **Ethology**, 101, 222-227.
 18. **Olsson**, M. 1995. Forced copulations and costly female resistance behavior in the Lake Eyre dragon, Ctenophorus maculosus. **Herpetologica**, 51, 1, 19-24.
 17. **Olsson**, M. and Madsen, T. 1995. Female choice on male quantitative traits - why is it so rare?. **Behavioral Ecology and Sociobiology**, 36, 3 179-184.
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 15. **Olsson**, M. 1994. Rival recognition affects male contest behavior in sand lizards Lacerta agilis. **Behavioral Ecology and Sociobiology**, 35, 249-252.
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 13. **Olsson**, M., Norberg, A., Tegelström, H., Madsen, T. and Shine, R. 1994. Promiscuous lizard females have more viable young Under subheading: Can female adders multiply?. **Nature**, 369, 528.
 12. **Olsson**, M. 1994. Nuptial coloration in the sand lizard Lacerta agilis: an intrasexually selected cue to fighting ability. **Animal Behaviour**, 48, 607-613.
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 8. **Olsson**, M. 1993. Male preference for large females and assortative mating for body size in the sand lizard Lacerta agilis. **Behavioral Ecology and Sociobiology**, 32, 5, 337-341.

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6. **Olsson, M.** 1992. Sexual selection and reproductive strategies in the sand lizard, Lacerta agilis. **Ph. D.-thesis**. University of Göteborg, Göteborg, Sweden.
5. Andrén, C., Henriksson, L., **Olsson, M.** and Nilson, G. 1988. Effects of pH and aluminium on embryonic and early larval stages of Swedish brown frogs Rana arvalis, R. temporaria and R. dalmatina. **Holarctic Ecology**, 11:127-135.
4. **Olsson, M.** 1988. Ecology of a Swedish population of the sand lizard, Lacerta agilis - a preliminary report. **Mertensiella**, 1:86-91.
3. **Olsson, M.**, Hogstrand, C., Dahlberg, A. and Berglind, S-Å. 1987. Acid-shock, aluminum and presence of Sphagnum aurantiacum : effects on embryological development in the common frog, Rana temporaria and the moor frog, Rana arvalis. **Bulletin of Environmental Contamination and Toxicology**, 39:37-44.
2. **Olsson, M.** 1986 Spatial distribution and home range size in the Swedish sand lizard, Lacerta agilis during the mating season. *In* Z. Ro'cek ed., **Studies in Herpetology'**, pp. 597-600.
1. **Olsson, M.** 1984. Spacing patterns and social system in the sand lizard, Lacerta agilis. **Honours thesis**, University of Göteborg.

List of publications for Tobias Uller

49. Olsson, M., Wapstra, E., Healey, M., Schwartz, T. & **Uller, T.** Selection on space use in a polymorphic lizard. *Evolutionary Ecology Research*, *in press*.

48. **Uller, T.** & Olsson, M. Multiple paternity in reptiles: patterns and processes. *Molecular Ecology*, *in press*.
47. Sagvik, J., **Uller, T.** & Olsson, M. A genetic component to resistance to fungal infection in frog embryos. *Proceedings of the Royal Society of London B*, *in press*.
46. Olsson, M., Wilson, M., Isaksson, C., **Uller, T.** & Mott, B. Carotenoid intake does not mediate a relationship between Reactive Oxygen Species and coloration: experimental test in a lizard. *Journal of Experimental Biology*, *in press*.
46. Sherman, C. S. H., Wapstra, E., **Uller, T.** & Olsson, M. Males with high genetic similarity to females sire more offspring in sperm competition in Peron's tree frog, *Litoria peronii*. *Proceedings of the Royal Society of London B*, *in press*.
45. Olsson, M., Wilson, M., **Uller, T.**, Mott, B. & Isaksson, C. Free radicals run in lizard families. *Biology Letters*, *in press*.
44. **Uller, T.** & Olsson, M. The offspring size-number problem in a lizard with small clutch size: tests of invariants and potential implications. *Evolutionary Ecology*, *in press*.
43. Olsson, M., Wilson, M., **Uller, T.**, Mott, B. & Isaksson, C. Variation in Reactive Oxygen Species is explained by family, sex and clutch size. *Naturwissenschaften*, *in press*.
42. Warner, D., **Uller, T.** & Shine, R. Sex-specific consequences of hatching date may drive the evolution of temperature-dependent sex determination in short-lived lizards. *Evolutionary Ecology*, *in press*.
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