

## Publications - Prof. Dr. Gabriele Uhl (1992-2008)

- Uhl, G.** & Maelfait, J-P. 2008. Male head secretion triggers copulation in the dwarf spider *Diplocephalus permixtus*. *Ethology* 114:760-767.
- Schäfer, M.A.; Misof, B. & **Uhl, G.** 2008. Effects of body size of both sexes and female mating history on male behaviour and paternity success in a spider. *Animal Behaviour* 76:75-86.
- Uhl, G.** 2008. Size dependant occurrence of different types of web decorations and a barrier web in the tropical spider *Argiope argentata* (Fabricius 1775) (Araneae, Araneidae). *Tropical Zoology* 21:97-108.
- Uhl, G.** Nessler, S. & Schneider, J.M. 2007. Copulatory mechanism in a sexually cannibalistic spider with genital mutilation (Araneae: Araneidae: *Argiope bruennichi*). *Zoology* 110:398-408.
- Nessler, S.; **Uhl, G.** & Schneider, J.M. 2007b. A non-sperm transferring trait under sexual selection: an experimental approach. *Proceedings of the Royal Society of London B*: 274, 2337-2341.
- Nessler, S.; **Uhl, G.** & Schneider, J.M. 2007a. Genital damage in the orb-weaving spider *Argiope bruennichi* (Araneae: Araneidae) maximises paternity success. *Behavioural Ecology* 18: 174-181.
- Schneider, J.M.; Gilberg, S.; Fromhage, L. & **Uhl, G.** 2006. Sexual conflict over remating in a cannibalistic spider. *Animal Behaviour* 71: 781-788.
- Schneider, J.M., Fromhage, L. & **Uhl, G.** 2005. Extremely short copulations do not diminish hatching success in sexually cannibalistic *Argiope bruennichi* SCOPOLI, 1772 (Araneidae). *Journal of Arachnology* 33: 663-669.
- Uhl, G.**, Schmitt, S. & Schäfer, M.A. 2005. Fitness benefits of multiple mating and female mate choice in the cellar spider (*Pholcus phalangioides*). *Behavioural Ecology and Sociobiology* 59: 69-76.
- Schäfer, M.A. & **Uhl, G.** 2005. Sequential mate encounters: female but not male body size influences remating decisions in a spider. *Behavioral Ecology* 16: 461-466.
- Schneider, J.M.; Fromhage, L. & **Uhl, G.** 2005. Copulation patterns in the golden orb-web spider *Nephila madagascariensis*. *Journal of Ethology* 23: 51-55.
- Michalik, P. & **Uhl, G.** 2005. The male genital system of the cellar spider *Pholcus phalangioides* (Fuesslin, 1775) (Pholcidae, Araneae): development of spermatozoa and seminal secretion. *Frontiers in Zoology* 2:12.
- Uhl, G.**; Schmitt, S.; Schäfer, M.A. & Blanckenhorn, W. 2004. Food and sex specific growth strategies in a spider. *Evolutionary Ecology Research* 6: 523-540.
- Gunnarsson, B. & **Uhl, G.** 2004: Variable mating positions and offspring sex ratio in the spider *Pityohyphantes phrygianus* (Araneae: Linyphiidae). *Journal of Insect Behavior* 17: 129-144.
- Schaefer, D. & **Uhl, G.** 2003: Male competition over access to females in a spider with last-sperm priority. *Ethology* 109: 385-400.
- Fromhage, L.; **Uhl, G.** & Schneider, J.M. 2003: Fitness consequences of sexual cannibalism in female *Argiope bruennichi*. *Behavioural Ecology and Sociobiology* 55: 60-64.
- Schäfer, M. & **Uhl, G.** 2002: Determinants of male paternity in the cellar spider *Pholcus phalangioides* (Araneae: Pholcidae): the role of male and female mating behaviour. *Behavioral Ecology and Sociobiology* 51: 368-377.
- Uhl, G.** 2002. Female genital morphology and sperm priority patterns in spiders. Pp. 146-156 in: *European Arachnology* (eds. S. Toft & N. Scharff). Aarhus University Press.

- Uhl, G.** & Gunnarsson B. 2001: Female genitalia in *Pityohyphantes phrygianus*: a spider with skewed sex ratio. *Journal of Zoology* 255: 367-376.
- Rütten, K.B.; Schulz, I.; Olek, K. & **Uhl, G.** 2001. Polymorphic microsatellite markers in the spider *Pholcus phalangioides* isolated from a library enriched for CA repeats. *Molecular Ecology Notes* 1: 255-257.
- Schäfer, M.; Hille, A. & **Uhl, G.** 2001: Geographic patterns of genetic subdivision in the cellar spider *Pholcus phalangioides* (Araneae). *Heredity* 86: 94-102..
- Heinemann, S. & **Uhl, G.** 2000: Male dimorphism in *Oedothorax gibbosus* (Araneae: Linyphiidae): A morphometric analysis. *Journal of Arachnology* 28: 23-28.
- Uhl, G.** & Vollrath, F. 2000: Extreme size variability does not extend to genitalia in *Nephila edulis*. *Journal of Zoology* 251: 7-14.
- Uhl, G.** & Rasa, O.A.E. 2000: Notes on moult, courtship behaviour and brood care of the "buckspoor spider" *Seothyra fasciata* (Eresidae). *Newsl. British arachnological Society* 88: 2-3.
- Uhl, G.** 2000: Two distinctly different sperm storage organs in female *Dysdera erythrina* (Araneae: Dysderidae). *Arthropod Structure and Development* 29: 163-169.
- Uhl, G.** & Vollrath, F. 1998b: Little evidence for size dependant sexual cannibalism in two *Nephila* species. *Zoology* 101: 101-106.
- Uhl, G.** & Vollrath, F. 1998a: Genital morphology of *Nephila edulis*: implications for sperm competition in spiders. *Canadian Journal of Zoology* 76: 39-47.
- Uhl, G.** 1998: Mating behaviour in cellar spiders, *Pholcus phalangioides*, indicates sperm mixing. *Animal Behaviour* 56, 1155-1159.
- Marliani, A.; Strohm, E.; **Uhl, G.** & Rasa, A. 1998: A shield against armed prey: Protection against the bee's sting in the European beewolf *Philanthus triangulum* F. (Hymenoptera, Sphecidae). *Zoology* 101 supplement I (DZG 91.1): 30.
- Uhl, G.** & Schmitt, M. 1996: Stridulation in *Palpimanus gibbulus* Dufour (Araneae: Palpimanidae). *Revue Suisse de Zoologie*, vol. hors série: 649-660.
- Uhl, G. 1996: Sperm storage secretion of female cellar spiders (*Pholcus phalangioides*; Araneae): A gel-electrophoretic analysis. *Journal of Zoology* 240, 153-161.
- Uhl, G.**; Huber, B.A. & Rose, W. 1995: Male pedipalp morphology and copulatory mechanism in *Pholcus phalangioides* (Fuesslin, 1775) (Araneae, Pholcidae). *Bulletin of the British arachnological Society* 10: 1-9.
- Uhl, G.** 1994a: Genital morphology and sperm storage in *Pholcus phalangioides* (Fuesslin) (Pholcidae; Araneae). *Acta Zoologica* 75: 13- 25.
- Uhl, G.** 1994b: Ultrastructure of the accessory gland in female genitalia of *Pholcus phalangioides* (Fuesslin) (Pholcidae; Araneae). *Acta Zoologica* 75: 26-33.
- Uhl, G.** 1994c: "Innere Balz" bei Zitterspinnen (*Pholcus phalangioides*; Pholcidae; Araneae). (Internal courtship in cellar spiders). *Verhandlungen der Deutschen Zoologischen Gesellschaft* 87,1: 64.
- Uhl, G.** 1993a: Mating behaviour and female sperm storage in *Pholcus phalangioides* (Fuesslin) (Araneae). *Memoirs of the Queensland Museum* 33 (2): 667-674.
- Uhl, G.** 1993b: Sperm storage and repeated egg production in female *Pholcus phalangioides* (Fuesslin) (Araneae). *Bulletin de la Société Neuchâteloise des Sciences Naturelles*. Tome 116, Fascicule 1: 245-252.

**Uhl, G.;** Sacher, P.; Weiss, I. & Kraus, O. 1992: Europäische Vorkommen von *Tetragnatha shoshone* (Arachnida, Araneae, Tetragnathidae). Verhandlungen des naturwissenschaftlichen Vereins Hamburg (NF) 33: 247-261.