

Prof. Dr. Wolf Ulrich Blanckenhorn – Curriculum Vitae (detailed)

PERSONALS, EDUCATION & POSITIONS

Born **13. November 1958** in Mannheim (D); married, 2 children; German & Swiss citizen

Languages: German, English, Spanish, French, (Italian)

<http://www.ieu.uzh.ch/en/staff/professors/blanckenhorn.html#4>

<https://scholar.google.de/citations?user=05IG1SoAAAAJ&hl=de>

2004- Titular Professor University of Zürich, **DEBES** (formerly **Zoological Museum**), CH
1998-2003 Senior Research Associate (*Oberassistent*) / Lecturer University of Zürich, CH
1997 Habilitation in Zoology (Evolutionary Ecology) University of Zürich, CH
1993-1997 Research Associate (*Assistent*) / Lecturer University of Zürich, CH
1991-1993 Postdoctoral Fellow, Concordia University, Montréal, Québec, CAN
1986-1990 PhD in Evolutionary Ecology, State University of New York at Albany, USA
1982-1984 Exchange Graduate Student, Duke University, Durham, North Carolina, USA
1979-1986 Diploma Studies (MSc) in Biology, University of Tübingen, D
1977-1979 Civil Service, German Red Cross, Ludwigshafen/Rh., D
1977 Max-Planck-Gymnasium (High School) Diploma; Ludwigshafen/Rh., D

GRANTS

2013-2016 University Research Priority Group Grant (URPP) *Evolution in Action*
2012-2016 SNF Grant 31003A-143787 *Comparative evolutionary analysis of incipient speciation due to thermal adaptation and sexual selection in geographically isolated sepsid flies*
2006-2012 SNF Grant 3100A0-111775 *Latitudinal thermal adaptation in dung flies on 3 continents.*
2006-2010 VELUX-Foundation Research Grant *Biodiversity of the cow dung invertebrate community as an indicator of environmental pollution in agricultural landscapes.*
2006-2011 Chairman, European Science Foundation (ESF) Programme *Thermal adaptation in ectotherms* (<http://www.esf.org/thermadapt>)
1999-2005 SNF Grant 31.56819.99 *The evolution of body size in dung flies: What keeps them small?*
1994-1998 SNF Grant 31-40496.94 *The evolution of sexual size dimorphism in dung flies.*
Various additional minor grants.

PROFESSIONAL ACTIVITIES

Since 1994 - Reviewing editor of *Journal of Evolutionary Biology*, *Functional Ecology*, *Evolution*;
- Chief editor *Journal of Evolutionary Biology*, starting summer 2017
- Reviewing work for most top journals in the field of ecology, evolution & behavior
(e.g. *American Naturalist*, *Animal Behaviour*, *Behavioral Ecology*, *Behavioral Ecology & Sociobiology*, *Ethology*, *Evolution*, *Heredity*, *Oecologia*, *Oikos*, *PlosOne*, *Proceedings of the Royal Society B*, *Nature*, *Evolutionary Ecology*, *Ecology*, *Ecology Letters*, etc.)
- Grant reviews for *Swiss National Fund (SNF)*, *US National Science Foundation (NSF)*, *British Research Council (NERC)*, *Canadian Research Council (NSERC)*, *European Research Council (ERC)*, *Czech Academy of Sciences*, *Dutch Research Council (NOW; ALW)*, *Belgian Research Council (FWO)*, *German Research Council (DFG)*

ORGANISATION & OUTREACH

Since 2012 Member departmental (DEBES) & *Fachbereich Biology* teaching committees
2012-2016 Chief PD/TP representative Faculty of Sciences (MNF); member faculty board (*Fakultätsausschuss*)
2009-2010 Institute Restructuring at UZH (ZM & ZI & UWINST => DEBES)
2003-2010 *Collections Manager* Invertebrates, Zoological Museum Zürich
2003-2009 *President* Swiss Zoological Society (currently Vice-President)
2007 *Exhibit on Biodiversity*, Zoological Museum Zürich
Various scientific and political committees at UZH

CONFERENCE (CO-)ORGANISATION

2011	Annual Swiss Meeting <i>biology2011</i> in Zürich
2008	Paul Ward Symposium, University of Zurich
2005	Symposium on the <i>Evolution of Sexual Size Dimorphism</i> at Monte Verità, Locarno, Switzerland
2000	VIII. International Behavioral Ecology Conference in Zürich
1998-2001	Satellite Symposium on Evolution, Ecology & Behavior of the Annual Meeting of the Swiss Zoological & Botanical Societies <i>Zoologia & Botanica</i> in Geneva, Zürich, Lausanne, Neuchatel
1995	Annual Meeting of the Swiss Zoological Society <i>Zoologia</i> in Zürich

TEACHING at the University of Zurich

Leading Co-instructor Biodiversity of Animals, Unicells & Fungi (Bio121; 6 CP) Biodiversity of Invertebrates, Unicells & Fungi (Bio114; 3 CP)	FS 2011-2015 HS 2015-
Co-instructor Evolution (Bio113; 3 CP) formerly <i>Biodiversity & Evolution of Invertebrates</i> (Bio123; 3 CP) formerly <i>Introductory Population Genetics (Bio IV)</i>	HS 2009-2010 SS 2005-2008 SS 2003-2005
Co-instructor Block Courses <i>Evolution: Theory & Practice</i> (Bio351 & 352; 6 & 6 CP) Block Course <i>Principles of Evolution</i> (Bio364; 12 CP) Formerly <i>Evolutionary Biology</i> (12 CP)	HS 2012- HS 2007-2011 SS 1997-2002; WS 2002-2003
Main Co-instructor Block Course <i>Reproductive Biology</i> (Bio361; 12 CP)	WS/HS 2001-
Co-instructor <i>Biology for High School Teachers</i> (Bio901; 4 CP)	WS/HS 2006-2010
Co-instructor PhD Seminar <i>Topics in Evolutionary Biology</i> (Bio554; 1 CP)	SS/WS 2010-
Co-instructor PhD Seminar <i>Concepts in Evolutionary Biology</i> (Bio395; 1 CP)	FS 2014-
Co-instructor <i>Seminar in Evolutionary Biology</i> (Bio781; 2 CP)	SS/WS 2005-2009
Co-instructor <i>Evolutionary Genetics</i> (Bio362; 4 CP)	WS 2004-2006
Co-instructor Block Course <i>Behavioral Biology</i> (12 CP)	WS 2001
Co-instructor Block Course <i>Ecology</i> (12 CP)	SS 1994-1998, 2014-
Co-instructor Seminar in <i>Evolution & Ecology</i> (2 CP)	WS 1993-2002
Leading co-instructor <i>Design and Statistical Analysis of Biological Experiments</i> (Bio369; 3 CP)	WS/HS 1994-2016
Leading co-instructor <i>Introduction Invertebrate Identification</i> (Bio370, 1CP)	WS/FS 1994-2016

RESEARCH INTERESTS

I am an evolutionary ecologist. This biological discipline integrates research questions and methods of evolutionary biology, ecology, population biology, behavior, population & quantitative genetics/genomics, phylogenetics, taxonomy, functional morphology & physiology. With this approach my coworkers and I attempt to achieve a thorough understanding of the organismic evolution of particular suitable model organisms. Hypotheses are generally grounded in theory and tested experimentally in the field or the laboratory. This may include modeling to generate predictions. As I am concept oriented, I can work with a variety of methods and organisms, and I am generally interested in interdisciplinary exchange and collaboration. In the past I have worked with primates, birds and fish, but primarily insects. Currently, my research group mainly studies the most common and economically important yellow dung fly *Scathophaga stercoraria* and various black scavenger flies of the genus *Sepsis* and their close relatives, as well as the dung community as a whole. My main interests lie in the fields of body size and life history evolution, thermal adaptation, phenotypic plasticity, behavioral & community ecology. I generally attempt to integrate my research with my teaching by involving students at the PhD, MSc, BSc and course levels in these projects.

STUDENTS

- D28. Rohner, P. T. 2019.
- D27. Busso, J. P. 2017. Where to invest? Analyses of biological investment and trade-offs in a dimorphic insect. **Dissertation**, Universität Zürich.
- D26. Giesen, A. 2017. Evolution of reproductive barriers between the two hybridizing sister species *Sepsis cynipsea* & *S. neocynipsea* (Diptera: Sepsidae). **Dissertation**, Universität Zürich.
- D25. Zeender, V. 2015. Effects of temperature, photoperiod and developmental stage on diapause in black scavenger flies (Diptera: Sepsidae). MSc Thesis, Universität Zürich.
- D24. Rohner, P. T. 2015. Multiple independent origins of sexual size dimorphism: The role of sexual selection for male size in the black scavenger fly *Sepsis neocynipsea*. MSc Thesis, Universität Zürich. *Invert Syst* 2014; *Ins Cons Div* 2015; *Biodiversity Data J.* 2015; *Mitt. Schweiz. Entomol. Ges.* 2015; *Evolution* 2016.
- D23. Puniamoorthy, N. 2013. Morphology, molecules and mating behavior: An integrative study of population divergence and speciation in widespread dung flies (Sepsidae: Diptera). **Dissertation**, Universität Zürich. *Env Tox Chem* 2009; *JEB* 2012; *Evolution* 2012; *Ecotox Env Safe* 2013a,b; *Syst Entomol* 2013; *Invert Syst* 2014; *Anim Behav* 2014; *Evol Appl* 2014.
- D21. Germann, Ch. 2012 (with Marco Bernasconi). Molecular phylogeny and systematics of long legged flies (Diptera: Dolichopodidae). **Dissertation**, Universität Zürich. *Invert Syst* 2010, 2011; *J Zool Syst Evol Res* 2010; *Zootaxa* 2010; *Entomol Fenn* 2011; *Can Entomol* 2011; *J Ins Sci* 2013.
- D22. Jochmann, R. 2011. Testing the effect of pharmaceutical residues on the cattle dung ecosystem. **Dissertation**, Universität Zürich. *Env Tox Chem* 2009; *Int Env Ass Man* 2011; *Funct Ecol* 2013; *Ins Cons Div* 2015.
- D20. Sbilordo, S. 2010. Chromosome inheritance in hybrids between *Viviparus* snail species & Postcopulatory sexual selection the yellow dung fly (with P.I. Ward). **Dissertation**, Universität Zürich. *J Morph* 2008; *Biol J Linn Soc* 2008; *J Ins Sci* 2010; *J Moll Studies* 2012.
- D19. Demont, M. 2010. Polyandry and sexual selection in yellow dung flies (with P.I. Ward). **Dissertation**, Universität Zürich. *Curr Biol* 2008; *Mol Ecol* 2010; *Mol Ecol Res* 2010; *Funct Ecol* 2011; *Evol Ecol* 2012; *Biol J Linn Soc* 2012.
- D18. Wüst, Ch. 2009. Sperm Transport Mechanics in Female Yellow Dung Flies (with P. I. Ward & S. Sauter). **Dissertation**, University of Zürich. *BMC Genomics* 2009.
- D17. Thüler, K. 2009. The Genetic Architecture of Female Reproductive Morphology and its Influence on Male and Female Life History in Yellow Dung Flies *Scathophaga Stercoraria* (L.) (with P. I. Ward). **Dissertation**, University of Zürich. *JEB* 2011.
- D16. Berner, D. 2005. Altitudinal life history differentiation in a grasshopper. **Dissertation**, University of Basel. *Ecography* 2004; *Oikos* 2005; *J Anim Ecol* 2006; *Funct Ecol* 2007.
- D15. Reim, C. 2005. Size-dependent energetics and life histories in yellow dung flies. **Dissertation**, University of Zürich. *EER* 2002, 2006, 2009; *Behav Ecol* 2002, 2010; *JEB* 2003, 2004, 2007; *Funct Ecol* 2006; *Physiol Entomol* 2007; *Ethology* 2008, 2010; *Evol Ecol* 2011, *Biol J Linn Soc* 2013.
- D14. Teuschl, Y. 2005. The effects of body size on life histories and sexual conflict in dung flies. **Dissertation**, University of Zürich. *EER* 2002, 2006; *Behav Ecol* 2002, 2010; *JEB* 2004, 2007; *Funct Ecol* 2006; *Anim Behav* 2007; *BMC EvoBio* 2007; *Ethology* 2008, 2010; *Evol Ecol* 2011.
- D13. Demont, M. 2004. Latitudinal clinal differentiation of yellow dung fly life history traits across Europe: A comparison of molecular and quantitative genetic data. **Diplomarbeit**, Universität Zürich. *Int Comp Biol* 2004; *JEB* 2008; *Ecol Entomol* 2008.
- D12. Signorelli, M. 2002. Does sexual size dimorphism imply a corresponding development time difference? **Diplomarbeit**, Universität Zürich. *Am Nat* 2007.
- D11. Ding, A. 2000. The effect of sexual size dimorphism on mating behavior in the dung flies *Scathophaga stercoraria* and *Sepsis cynipsea*. **Diplomarbeit**, ETH Zürich. *EER* 2002a,b.
- D10. Kraushaar, U. 2000. Sexual size dimorphism and molecular population genetic structure in two widespread dung fly species. **Dissertation**, Universität Zürich. *Evolution* 2002; *Heredity* 2002; *JEB* 2003, 2004.
- D9. Burkhard, D.U. 1999. Is adult longevity size-dependent in the yellow dung fly, *Scathophaga stercoraria* (L.) (Diptera: Scathophagidae)? **Diplomarbeit**, Universität Zürich. *Physiol Ecol* 2001; *Ecol Entomol* 2002.
- D8. Henseler, C. 1998. Gonadenentwicklung und Nährstoffverteilung in Abhängigkeit der Temperatur bei der gelben Mistfliege *Scathophaga stercoraria*. **Diplomarbeit**, Universität Zürich. *Physiol Ecol* 2001; *Ent Exp Appl* 2005.
- D7. Mühlhäuser, C. 1998. Sexual selection in the dung fly *Sepsis cynipsea*. **Dissertation**, Universität Zürich. *Behaviour* 2004; *Behav Ecol* 2002; *JEB* 1998, 1999; *Ethology* 2000.
- D6. Reuter, M. 1997. The pattern of female arrival at the mating site in the yellow dung fly *Scathophaga stercoraria* represents a mixed ESS (with P. I. Ward). **Diplomarbeit**, Universität Zürich. *JEB* 1998; *Evolution* 1999; *Ethology* 2000; *Behaviour* 2000.
- D5. Morf, C. 1997. Saisonale, tageszeitliche und räumliche Variation der sexuellen Selektion bei der Schwingfliege

- Sepsis cynipsea*. **Diplomarbeit**, Universität Zürich. JEB 1999; Ethology 2000; Behaviour 2000.
- D4. Reusch, T. 1996. Heritabilität und Korrelationen zwischen morphologischen und lebenszyklischen Merkmalen bei der Schwingfliege *Sepsis cynipsea*. **Diplomarbeit**, Universität Zürich. JEB 1998; Heredity 1998; JEB 1999; Ethology 2000.
- D3. Meile, P. 1996. Die weiblichen und männlichen Einflüsse auf die Kopulationsdauer bei der gelben Mistfliege *Scathophaga stercoraria* (with P. I. Ward). **Diplomarbeit**, Universität Zürich. EER 2002; Behav Ecol 2007.
- D2. Mühlhäuser, C. 1994. Die genetische Komponente der Kopulationsdauer bei der gelben Mistfliege *Scathophaga stercoraria* (with P. I. Ward). **Diplomarbeit**, Universität Zürich. Anim Behav 1996.
- D1. Foglia, M. 1994. Eiablagepräferenz bei der gelben Mistfliege *Scathophaga stercoraria*. (with P. I. Ward). **Diplomarbeit**, Universität Zürich. Ethology 1999.

PhD committee membership UZH/ETHZ (other than my own students)

- Eva Koch (Fred Guillaume; start 2015)
 Max Schmid (Fred Guillaume; start 2015)
 Julia Andrea Kunz (Carel van Schaik; start 2015)
 Alison Asbury (Carel van Schaik; start 2014)
 Judith Bachmann (Josh van Buskirk; start 2014) - **PhD 2017**
 Jacqueline Ebnetter (Adrian Hehl UZH VETSUISSE; start 2013)
 Rassim Khelifa (Josh van Buskirk; start 2013)
 Andreas Sutter (Anna Lindholm UZH; start 2012) - **PhD 2016**
 Pengjuan Zu (Florian Schiestl UZH; start 2012) - **PhD 2017**
 Mimi Sun (Florian Schiestl UZH; start 2009) - **PhD 2015**
 Björn Zörner (Martin Schwab UZH) - **PhD 2014**
 Sebastian König (Roland Sigel UZH) - **PhD 2014**
 Bärbel Koch (Peter Edwards ETHZ; Gabriela Hofer FAL) - **PhD 2013**
 Romain Rouchet (Christoph Vorburger ETHZ) - **PhD 2012**
 Jasmin Winkler (Uli Reyer UZH; Josh van Buskirk UZH) - **PhD 2012**
 Oscar Ramos (Uli Reyer UZH; Josh van Buskirk UZH) - **PhD 2011**
 Laura Morf (Michael Hottiger UZH; Adrian Hehl UZH VETSUISSE) - **PhD 2010**

PhD committee membership / Dissertation evaluator elsewhere

- Guillaume Wos, , Université Neuchâtel (CH)
 Esra Durmaz, , Université Lausanne (CH)
 Luiz Felipe Lima da Silveira, , University Rio de Janeiro (BRA)
 Akmal Malik, , Bahauddin Zakariya University Multan (PAK)
 Sandra Stålhandske, PhD 2016, Stockholm University (S) (opponent)
 Kristin Franke, PhD 2014, Universität Greifswald (D)
 Camille Ann Louise Stephenson (nee Latimer), PhD 2014, University of Queensland (AUS)
 Maria Martinez Benito, PhD 2013, Universitat Barcelona (E)
 Venera Tyukmaeva, PhD 2012, University of Jyväskylä (SF)
 Margo Adler, PhD 2012, University of New South Wales (AUS)
 Sami Kivelä, PhD 2011, University of Oulu (SF) (opponent)
 Anders Kjaersgaard, PhD 2011, Aarhus University (DK) (opponent)
 Inon Scharf, PhD 2009, Ben Gurion University (ISR)
 David Berger, PhD 2008, Stockholm University (S) (opponent)
 Sanna Bomann, PhD 2008, University of Jyväskylä (SF)
 Anna Budrienė, PhD 2004, Vilnius University (LIT)
 Caroline Reuter-Boutellier, PhD 2003, Université Lausanne (CH)
 Ane Timenes Laugen, PhD 2003, Uppsala University (S) (opponent)
 Petri Alroth, PhD 1999, University of Jyväskylä (SF) (opponent)
 Alice Monsutti, PhD 1998, Université Lausanne (CH)

Habilitation evaluator

- Barbara Taborsky, Universität Bern, Habilitation 2007
 Mathias Kölliker, Universität Basel, Habilitation 2007

Post-doctoral fellows

Dr. Martin Schäfer (Universität Bonn, D) 2008- (DFG Stipendium; SNF)
Dr. Toomas Esperk (Tartu University, Est) 2012-2013 (UZH funds; SNF)
Dr. Anders Kjaersgaard (Aarhus University, DK) 2011-2014 (Danish Research Council Grant & ThermAdapt funds)
Dr. Caitlin Dmitriew (University of Toronto, CAN) 2010-2011 (UZH funds; SNF)
Dr. Richard Walters (University of East Anglia, UK) 2009-2011 (UZH & ThermAdapt funds)
Dr. David Berger (Stockholm University, S) 2008-2011 (Swedish Research Council Grant)
Dr. Stephanie Bauerfeind (Universität Bayreuth, D) 2008-2010 (DFG Stipendium)
Dr. Luc Bussière (University of Stirling, UK) 2004-2008 (UZH funds)
Dr. Ane Laugen (Uppsala University, S) 2005 (UZH funds)

Forschungspraktika (BSc) students

Natalie Wickli 2014
Michael Kümin 2014
Martina Ramel 2014
Julian Baur 2014
Marcel Nick 2012
Patrick Rohner 2012
Rea Müller 2013
Isabel Schumacher 2013
Manuel Rey, 2010
Manuela Ferrari 2010
Madeleine Geiger 2010
Jasmina Hugli 2006

Other Academic Visitors

Hayat Mahdoub, Université Badji Mokhtar-Annaba (ALG); 10.2015-6.2017
Luiz Lima da Silveira, University of Rio de Janeiro (BRA); 3-10.2015
Dr. Daniel Gonzalez-Tokman, INECOL, Xalapa (MEX); 4.2015
Hiroshi Akashi, Tohoku University, Sendai (JP); 10-12.2014
Prof. Charles Fox, University of Kentucky, Lexington (USA); 12.2010
Inon Scharf, Ben Gurion University of the Negev (ISR); 9-12.2008
Roger Craig Stillwell, University of Arizona, Tucson (USA); 10.2008

TALKS AT SCIENTIFIC CONFERENCES

Genetics & Genomics of Incipient Speciation due to Thermal Adaptation & Sexual Selection in widespread Sepsid Dung Flies (Diptera: Sepsidae); URPP Evolution Symposium, Sarnen (CH)	7/2013
Preliminary life history responses of thermal experimental evolution lines in <i>Sepsis punctum</i> Experimental Evolution Symposium ETHZ, Zürich (CH)	6/2013
Size-dependent insect flight energetics at different temperatures and sugar supplies Annual Conference of the Japanese Society of Applied Entomology & Zoology, Fujisawa (Jp)	3/2013
Higher tier structural and functional effects of Ivermectin on dung fauna biodiversity UBA Workshop on Effects of Livestock Medications on the Dung Fauna, Flörsheim (D)	10/2012
Diapause in latitudinal yellow dung fly and water strider populations – what lessons to be learned? Workshop on Insect Diapause, Konnevesi Research Station (SF)	2/2011
Intra-specific latitudinal clines = thermal adaptation in the yellow dung fly ? XI. Congress of the European Society for Evolutionary Biology, Uppsala (S)	8/2007
Latitudinal clines = Thermal adaptation ? Expert workshop on thermal adaptation in ectotherms, Barcelona (E)	3/2007
Bergmann and other rules: Thermal adaptation in insects DZG Studiengruppe Evolutionsbiologie Tagung, Bayreuth (D)	2/2007
Sexual selection in <i>Sepsis cynipsea</i> : What makes females willing to copulate? 6 th International Dipterology Congress, Fukuoka (JP)	9/2006
Does sexual size dimorphism in insects imply a similar development time difference of the sexes? Workshop on Sexual Size Dimorphism, Monte Verità, Ascona (CH)	8/2005
Bergmann's rule, the converse Bergmann rule and countergradients. Symposium on thermal adaptation; Society of Integrative & Comparative Biology, New Orleans, (USA)	1/2004
Selection, Rensch's rule and the evolution of sexual size dimorphism in dung flies IX. Congress of the European Society for Evolutionary Biology, Leeds (GB)	8/2003
Die Evolution des geschlechtlichen Körpergrössendimorphismus bei Insekten Tagung der Schweizerischen Entomologischen Gesellschaft, Zürich (CH)	3/2003
No intrinsic cost of large body size in the yellow dung fly VIII. International Behavioral Ecology Conference, Montréal (CAN)	7/2002
The evolutionary interplay of sexual selection and sexual size dimorphism in two dung fly species Symposium on Sexual Selection and Sperm Competition, Freiburg (D)	2/2002
Warum man die isolierte Vorlesung abschaffen sollte (und das Skript gleich mit) Universitäre Lehre im Wandel - Symposium beider Zürcher Hochschulen (CH)	3/2001
The trade-off between egg size and number in the yellow dung fly in good and bad environments VII. Congress of the European Society for Evolutionary Biology, Barcelona (E)	8/1999
Female choice of large males in the dung fly <i>Sepsis cynipsea</i> - Fisher's runaway or good genes? Association for the Study of Animal Behaviour Winter Meeting, London (GB)	12/1998

Adaptive phenotypic plasticity in growth rate in the yellow dung fly VI. Congress of the European Society for Evolutionary Biology, Arnhem (NL)	7/1997
Linking individual and population measures of sexual selection on body size in the dung fly <i>Sepsis cynipsea</i> VI. International Behavioral Ecology Conference, Canberra (AUS)	10/1996
Life history dependent behavioural variation in water striders XX. International Congress of Entomology, Florence (I)	8/1996
Räumliche und zeitliche Variation der sexuellen und natürlichen Selektion auf die Körpergröße bei der Schwingfliege <i>Sepsis cynipsea</i> 88. Tagung der Deutschen Zoologischen Gesellschaft, Kaiserslautern (D)	6/1995
A quantitative test of generalized resource monopolization theory using water striders competing for food and mates V. International Behavioral Ecology Conference, Nottingham (GB)	8/1994
Life history adaptation along a latitudinal cline in water striders MPG-Tagung Populationsbiologie & Evolution, Tegernsee (D) 87. Tagung der Deutschen Zoologischen Gesellschaft, Jena (Poster) (D) IV. Congress of the European Society for Evolutionary Biology, Montpellier (F)	11/1994 5/1994 7/1993
Relating behavioral flexibility to life history flexibility: A field study of state-dependent behavior in water striders IV. International Behavioral Ecology Conference, Princeton (USA)	8/1992
Fitnesskonsequenzen alternativer Lebenslaufstrategien bei Wasserläufern 84. Tagung der Deutschen Zoologischen Gesellschaft, Tübingen (D)	5/1991
Fitnesskonsequenzen von Nahrungswahlstrategien bei Wasserläufern 12. Ethologentreffen, Wien (A)	9/1990
Voltinism differences in adjacent water strider populations: phenotypic plasticity or heritable responses to water temperature? IV. Conference of Evolutionary and Systematic Biology, College Park (Poster) (USA)	7/1990
Fitness consequences of foraging success in water striders III. International Behavioral Ecology Conference, Uppsala (S) Animal Behavior Society Meeting, Binghamton (USA)	8/1990 6/1990
Foraging groups of water striders: effects of variability in prey arrival and handling times Northeast Animal Behavior Society, Providence (USA)	9/1989

INVITED TALKS

Thermal performance curves and life history responses of the dung fly <i>Sepsis punctum</i> to thermal experimental evolution Zoologisches Institut, Universität Basel (CH) University of Stockholm (S) Tel Aviv University (ISR)	5/2016 9/2016 3/2017
A global ring study of higher-tier effects of Ivermectin on dung fauna biodiversity & dung degradation INECOL, Xalapa (Mexico)	4/2016
Ultimate and proximate causes of sexual size dimorphism in insects JIRCAS & University of Tsukuba (Jp)	4/2013
Sexual selection, sexual conflict and Rensch's Rule in insects Okayama University (Jp)	3/2013
Diapause, phenology & seasonality in latitudinal yellow dung fly and water strider populations – what lessons to be learned? Konnevesi Research Station, University of Jyväskylä (SF) INECOL, Xalapa (Mexico)	2/2011 4/2016
Bergmann's and other rules: Thermal adaptation and clinal variation in insects Kyoto University (Jp) Kyushu University (Jp) University of Konstanz (D) University of Arizona (USA) University of Kentucky (USA)	3/2013 3/2013 11/2008 3/2009 3/2009
Size-dependent insect flight energetics at different sugar supplies. Stockholm University (S) University of Arizona (USA) Aarhus University (DK)	5/2008 3/2009 5/2011
Does sexual size dimorphism in insects imply a similar development time difference of the sexes? Okayama University (Jp) Universität Fribourg (CH)	3/2013 1/2006
Ueber Bergmann's und andere Regeln: Klimatische Anpassung bei Insekten. NLU Universität Basel (CH)	1/2006
Evolutionäre Muster der Körpergrösse bei Insekten: Über Rensch's, Bergmann's und die inverse Bergmann-Regel? Universität Bielefeld (D)	12/2003
Erklärt die sexuelle Selektion Rensch's Regel? Dungfliegen als Beispiel Universität Bremen (D)	6/2003
Die Evolution des geschlechtlichen Körpergrössendimorphismus bei Insekten Universität Bielefeld (D) Universität Bonn (D) Universität Würzburg (D)	6/2002 7/2003 5/2004
Die Koevolution der Körpergrösse von Männchen und Weibchen Volkshochschule Zürich (CH)	5/2001

Factors affecting the evolution of body size and sexual size dimorphism University of Jyväskylä (SF) University of Manchester (GB) Universität Copenhagen (DK) Universität Basel (CH) Uppsala University (S) Universität Fribourg (CH) Universität Bern (CH)	5/1999 10/2000 8/2001 12/2001 3/2003 5/2003 6/2003
Die Ökologie und Evolution der Körpergrösse am Beispiel dreier Insektenarten Universität Erlangen (D) Universität Graz (A) Universität Fribourg (CH) Freie Universität Berlin (D) Konrad Lorenz Institut für Vergleichende Verhaltensforschung (A)	7/1999 3/1999 2/2000 12/2000 10/2001
Einflüsse der natürlichen Selektion auf die Evolution des Körpergrössendimorphismus bei Dungfliegen Universität Bonn (D) Universität Leipzig (D) Österreichische Akademie der Wissenschaften, Wien (A) Universität Hamburg (D) Ludwig-Maximilians-Universität München (D)	10/1998 1/2001 9/2001 1/2002 4/2003
Die natürliche Selektion als zentrale Arbeitshypothese in der organismischen Biologie Senioren-Universität Zürich (CH) Universität Zürich (CH)	11/2002 6/1998
Adaptive phenotypic plasticity in growth rate in the yellow dung fly Universität Bern (CH) Université de Neuchâtel (CH)	5/1998 3/1998
Lebenszyklusanpassung und phänotypische Plastizität bei aquatischen und terrestrischen Insekten Universität Mainz (D) Universität Freiburg (D) Universität Bielefeld (D) Universität Zürich (CH) Technische Universität Darmstadt (D)	2/1997 1/1997 11/1996 10/1996 5/1996
A quantitative test of generalized resource monopolization theory using water striders competing for food and mates Universität Bern (CH)	4/1994
The evolution of sexual size dimorphism in dung flies and water striders ETH Zürich (CH)	2/1994
Geographische Lebenszyklusanpassung einer nordamerikanischen Wasserläuferart Universität Zürich (CH)	1/1994
Life history variation along a latitudinal cline in <i>Aquarius remigis</i> Concordia University, Montréal (CAN)	3/1993
Causes and fitness consequences of alternative life histories in water striders Universität Zürich (CH) Universität Bern (CH)	11/1991 11/1991

Concordia University, Montréal (CAN)	10/1990
Fitness consequences of foraging success in water striders State University of New York at Binghamton (USA)	5/1990
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