
HANS CHRISTOPH LIEDTKE

hc.liedtke@gmail.com

Address	Heineweg 3 72581, Dettingen Germany	Tel.	+31 (0) 647065982
Nationality	German	Gender	Male
		Marital Status	Single
		Date of Birth	5 th April 1987

EDUCATION AND ACADEMIC QUALIFICATIONS

2011- Basel University, Switzerland

Prospective - Doctor of Philosophy (Ph.D.)

Institute of Biogeography

Ph.D. Thesis: “Life history and Biogeography: a comparative evolutionary study of the terrestrialisation of African amphibians”
Supervisors: Dr. Simon Loader

2009-2010 Lund University, Sweden

Master of Science Degree (M.Sc.)

Major: Biology with Specialization in Ecology

M.Sc. Thesis: “Descending the Andes: the biogeography and diversification of the *Pristimantis conspicillatus* species group (Anura: Strabomantidae)” Involved mtDNA extraction, amplification and sequencing followed by phylogenetic analysis and ancestral state reconstruction.
Supervisors: Dr. José M. Padial
Prof. Dr. Staffan Bensch

2005-2008 University College London (UCL), United Kingdom

Bachelor of Science Honours Degree (B.Sc. Hons.)

Zoology, Upper Second-class Honours (2,i)

B.Sc. Thesis: “Investigating paternity in a wild population of the stalk-eyed fly, *Teleopsis dalmanni*?” Involved controlled mating of wild populations, micro-dissection of testes and accessory glands, morphological measurements, DNA extraction, PCR for microsatellite amplification and DNA fragment analysis.
Supervisor: Prof. Dr. Andrew Pomiankowski

2004-2005 International School of Penang, Malaysia

International Baccalaureate Diploma (IB)

Overall Diploma Points Awarded /45: 41

2002-2003 **International General Certificate of Secondary Education (IGCSE)**

11 IGCSEs: 4 Grade A*’s ; 3 Grade A’s ; 4 Grade B’s

PUBLICATIONS

Liedtke HC, Harrace V, Knudsen JT, Wallin E, Hedenström E and Ryne C. Alarm pheromones and chemical communication in nymphs of the tropical bed bug *Cimex hemipterus* (Hemiptera: Cimicidae). *Manuscript submitted for publication.*

RELEVANT WORK EXPERIENCE

- 2010** Tropical Biology Association course, Uganda. Five weeks of practical training for tropical biologists: field courses, specialist skills workshops and a two-week project on phonotaxis and allometric scaling of the leaf litter frog, *Arthroleptis schubotzi*, under the supervision of Dr. Walter Hödl and Prof. Dr. Adolfo Amezcuita.
Referee: Dr. Clive Nuttman cvn22@cam.ac.uk
- 2009** Laboratory Research Assistant for the development of pheromone traps for the study of rare insects in Sweden. 10 weeks lab work at the Chemical Ecology department in Lund University and Sverige Lantbruksuniversitet, Alnarp, to identify primary pheromone components of rare species of Coleoptera and Tineidae moths using Gas Chromatography-Electroantennographic detection (GC-EAD) and -Single Sensillum Recording (GC-SSR).
Referees: Dr. Glenn Svensson glenn.svensson@ekol.lu.se
Ass. Prof. Dr. Mattias Larsson mattias.larsson@ltj.slu.se
- 2009** Field Assistant for a research project to investigate methods of preventing cowpea (*Vigna unguiculata*) pollen-flow in order to minimize cross-breeding risks with deployment of genetically modified cowpea in the wild. 10 days field work in Kenya (floral head space collections and behavioural experiments with pollinators) followed by scent compound analysis via GC-MS and GC-EAD in the Laboratory.
Referee: Dr. Jette T. Knudsen jette.knudsen@ekol.lu.se
- 2008** Intern for Amphibian Research in Paraguay: 3 month internship at a non-profit organisation (ECOSARA – Fauna Paraguay) to survey amphibian species inhabiting the poorly studied Atlantic Forest of Paraguay. This involved behavioural observations, recording and analysis of mating calls, collecting and preparing specimens, morphological measurements and documenting species richness under the supervision of local herpetologists from the Instituto de Investigación Biológica del Paraguay (IIBP).
Referees: Francisco Brusquetti (Chair of the IIBP) franbrusquetti@gmail.com
Paul Smith (Chair of ECOSARA & Fauna Paraguay) faunaparaguay@gmail.com
- 2007** Field and Laboratory Research Assistant for a PhD thesis “Sexual Selection in Stalk-eyed Flies, *T. dalmanni*”: 10-week BBSRC-funded studentship to investigate correlates of sexual selection in wild populations of the stalk-eyed fly *Teleopsis dalmanni*. Fieldwork in peninsular Malaysia including behavioural observations, controlled mating trials, site manipulations and marking flies, and molecular analysis in the laboratory, predominately morphological measurements and DNA extractions.
Referee: Prof. Dr. Andrew Pomiankowski ucbhpom@ucl.ac.uk
- 2006** Work Placement at “Wilhelma” Zoological Gardens, Stuttgart (Germany)
Involved in a jellyfish and seahorse breeding program

POSITIONS HELD

- 2007-2008** Student Fellow at the Zoological Society of London
- 2007-2008** President of the “Urban Sports Society” at the University College London
- 2005** Attained the “Award for International Understanding”, a prestigious award bestowed by the Principle of the International School of Penang
- 2004-2005** Head Student at the International School of Penang
- 2003-2004** President of Student’s Council at the International School of Penang

RELEVANT SKILLS

Computing

Competent user of ArcGIS (Environmental Systems Research Institute), Bioedit (open software), Molecular Evolutionary Genetics Analysis (MEGA; open software), Genemapper (Applied Biosystems), ImageJ (open software), SEM imaging software, Chemstation (Agilent Technologies), Autospike (Syntech Ltd.), SPSS statistics analytical software (SPSS inc.) Microsoft Office and EndNote. Some knowledge of Mesquite (Open software) and Raven Pro (Cornell Lab of Ornithology)

Communication

- Successfully executed oral presentation for undergraduate thesis (worth 20% of final mark)
- Able to compile relevant research and present information in a well formulated manner with confidence, for which I have been awarded multiple debating trophies (1999, 2000 & 2001)
- Fluent in English and German, intermediate in Spanish some knowledge of French

Additional Skills and Certifications

- German (EU) Driver's license (for class B vehicles)
- Certified PADI Advanced Open Water diver

REFEREES

M.Sc. Thesis Supervisor

Dr. José M. Padial
Dept. of Evol. Biol., Uppsala University
+46 (0)18 471 64 65
jose.m.padial@ebc.uu.se

M.Sc. Thesis Supervisor

Prof. Dr. Staffan Bensch
Dept. of Biology, Lund University
+46 (0)46 222 42 92
staffan.bensch@zoekol.lu.se

Undergraduate Tutor

Prof. Dr. Roger Wotton
Dept. of Biology, U.C.L.
+44 (0)20 7679 3580
r.wotton@ucl.ac.uk