

## CURRICULUM VITAE



**Urs Gabriel Kormann, Dr. rer. nat.**

Swiss citizen, currently based in Zürich, Switzerland

**Languages:** German – fluent (mother tongue), English – fluent,  
French – good, Spanish – basic conversational skills

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### CURRENT POSITION

Since Jan. 2014      **Ecological consultant (80%)**, orniplan AG, Zürich, [orniplan.ch](http://orniplan.ch)  
Since Feb. 2015      **Ecostatistical consultant (20%)**, oikostat GmbH, Zürich,  
<http://www.oikostat.ch>

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### ACADEMIC BACKGROUND

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Nov. 2014      **Visiting Fellow**, Betts Lab. Oregon State University, USA.  
Nov 2010 – Oct 2014 **PhD Acroecology** „*Conservation management in fragmented landscapes*“, **group member RTG 1644 „Scaling Problems in Statistics“**, Uni. Göttingen Germany, Advisors: Christoph Scherber, Teja Tscharntke, Thomas Kneib  
Jan 2008 – Jul 09      **MSc Ecol. & Evol.**, „*Landscape genetics in capercaillie*“, Uni. Bern Switzerland. Advisors; Supervisors: Laurent Excoffier, Kurt Bollmann, Felix Gugerli  
2003–05 & 06–07      **Undergr. Studies Zoology**, „*Effects of habitat amount and isolation on orchard biodiversity*“, Uni. Bern, Switzerland  
1998 – 2002      Matura (High School), Biology & Chemistry (Major), Philosophy (Minor). MNG Bern-Neufeld, Switzerland

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### STATISTICAL TOOLBOX

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I am mainly working with R, with an emphasis on advanced biodiversity analysis (large multitaxa datasets, trait analyses, interaction networks, multinomial analysis, beta diversity, community shifts).

Methodology: I often use mixed models, spatial statistics, Bayesian additive mixed models including zero inflated models (BayesX via BayesR), or develop customized permutation tests

Good knowledge in GIS (ArcGis, QGIS)

Analysis of genetic data (Arlequin, Spagedi, Structure, Assignment tests, Baps, Geneland, TESS)

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## PROFESSIONAL EXPERIENCE

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**March – Apr & Juni – Oct 2010** Scientific assistant, WSL, Birmensdorf, Switzerland

**May 2010** Field Assistant Dovrefjäll, Norway, Inst. for Anim. Conservation Biol.,  
Uppsala Universitet

**Apr-Sep 2006** Scientific assistant, species recovery whitethroat, Swiss Ornithological Institute

**May – Jul 2004** Field assistant, Swiss Alps, division Conservation Biology, Univ. Bern

Part time

**2008 – 2014** Ornithological tour guide in 8 countries

**2003 – 2010** Coordinator, habitat improvement strategies in agricultural zones  
(Vernetzungsprojekt), Müntschemier

**2009 & 2010** Field Tec, alpine bird counts for the Swiss biodiversity monitoring

**2004 – 2010** Field tech, breeding bird monitoring, Büro Mosimann und Strebel,

**2008 – 2010** Monthly waterbird counter, Fanel, Switzerland: Swiss Ornithological Institute

**2006 – 2008** Field tech, species recovery programme Little Owl Seeland, birdlife Switzerland

**2003 – 2009** [Papiliorama, Kerzers, Switzerland](#): Tour guide (part time)

### Civil Service:

**Feb-Mar 2010** Photo documentation and community outreach [Shipstern Nature Reserve, Belize](#)

**Sep 09 - Jan 10** Team leader Practical Nature Conservation [Landschaftswerk Biel, Switzerland](#)

**Jan – April 06** Sci. Collaborator, [Shipstern Nature Reserve, Belize](#)

**Jan – May 05** Sci. Assistant, Flora Vegetativa, Ministry of Environment, Switzerland:

**2003/04/06** Assistant, bird ringing Station Col de Bretolet, Swiss Ornithological Institute

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## REVIEWER ACTIVITY

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Basic and *Applied Ecology* (3), *Community Ecology* (1), *PlosOne* (1), *Zoology and Ecology* (1),  
*Der Ornithologische Beobachter* (2)

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## ACQUIRED GRANTS (TOTAL 42 600 EUROS & 45'100 CHF) AND AWARDS:

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### *Scientific grants:*

**2014** DFG Start Up Grant: Sum 12'000 Euros

**2013** Volkswagenstiftung: Workshop Organisation grant “East meets West:  
Transferring conservation approaches between Eastern and Western European  
landscapes“, Coapplicant, 30'600 Euros

**2009** Travel Grant Swiss Society for Wildlife Biology. 500 CHF

**2006** Research grant Swiss Ornithological Institute, “Habitat use of the endangered  
Common Whitethroat Ecological compensation areas”. Coapplicant, 13'600 CHF

### *Non-scientific grants:*

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- 2008** Species Recovery Programme Little Owl, BirdLife Switzerland. 1000 CHF  
**2009-12** Evaluation management optimization, Heidenweg: Swiss Ornithological Society, Coapplicant. 30'000 CHF

*Awards:*

- 2001, 2002** 1<sup>st</sup> and 3<sup>rd</sup> place Swiss Biology Olympiad (2001, 2002)  
**2002** Matura Award Gymnasium Bern-Neufeld for outstanding Senior thesis (Maturaarbeit). 500 CHF
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**TEACHING EXPERIENCE***Courses*

- 2015** Assistance "Linear and Mixed Linear Models with R", Max Plank Institute for Ornithology, Radolfzell, and University of Constance  
**2011 & 12** Assistance "Introduction to Hymenoptera" University Göttingen, 4 hours  
**2008-09** "Ornithology and bird ecology", Birdlife Zurich, 10 evenings plus excursions  
**2005 – 08** yearly "Introduction to Evolutionary Biology, Ethology and Taxonomy" for high school students participating in the Swiss Biology Olympiad, 8 hours per course  
**2005 – 06** yearly "Introduction to Ecology" for high school students participating in the Swiss Biology Olympiad, 3 hours per course  
**2004** "Plant Systematics" for high school students participating in the Swiss Biology Olympiad, 8 hours per course  
**2003 – 2009** Substitute teacher at secondary school Ins, Switzerland (maths, german, natural history, handicrafts, gymnastics) app. 100 hours

*Supervised students*

- 2013 – 2014** Hanna Eberlein (MSc) Effects of habitat configuration and composition on wasps and bees in Costa Rica  
**2013** Manuel Larbig (BSc): Hecken als Korridore für Kolibris  
**2014** Maïke Sommer (BSc): Hedgerows have a barrier effect and channel pollinator movement in the agricultural landscape  
**2013** Felix Klaus, Birte Müller, Lisa Marholt, Johanna Julia (Projektpraktikum): Barrier effects of hedgerows and roads on pollinator movement inferred by fluorescent dye and fruit set  
**2013** Florian Hackmann (Projektpraktikum): Habitat heterogeneity influences beta diversity of leafhoppers and sampling efficiency in calcareous grasslands (Co-supervised with Verena Rösch)  
**2012** Carina Burmeister (Projektpraktikum): Effect of Oil Seed Rape on Calcareous grasslands by spillover of invertebrate predators  
**2012** Rüdiger Hoffmann (Projektpraktikum): Effekt von Raps auf die Bestäubung einer spezialisierten Kalkmagerrasenpflanze
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**COMMUNITY OUTREACH**

- 2009 – dato** Member of the advisory board "Important Bird Area Heidenweg"  
**2003 – 2008** Vice Head Swiss Biology Olympiad  
**2000 – 2009** Member of the managing board Bernese Society for Ornithology