

Curriculum vitae of Fränzi Korner-Nievergelt



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Birth 27. Aug. 1972 in Zurich, Switzerland

Civil status married with Pius Korner
mother of 2 children:
Mattis (2003) and Mina (2005)

Nationality Swiss

Work experience

5 November 2008	oikostat becomes oikostat GmbH
2008/2009	<p>Lecturer</p> <ul style="list-style-type: none"> -Introduction to statistics (Zürcher Hochschule für Angewandte Wissenschaften ZHAW) -Mixed models course (University of Zurich, Institute of Environmental Sciences)
Since April 2004 (45 %)	<p>Scientific assistant of PD Dr. Lukas Jenni at the Swiss Ornithological Institute</p> <p>Ring recovery analyses, statistical consulting, data analysis</p>
Since Dec 2003	<p>Owner of the consulting firm "oikostat GmbH", www.oikostat.ch</p> <p>Analyses of environmental data, statistical consulting for scientists, teaching (statistics and R).</p> <p>Examples of projects:</p> <ul style="list-style-type: none"> Development of a method to measure the number of bats crashing at wind turbines (Leibniz Universität Hannover, Institut für Umweltplanung) Study design and data analysis of a study on the comparison between ecological and conventional agricultural systems in Kenia, Bolivia and India (Forschungsanstalt für biologischen Landbau FibL) Analyses of presence/absence data of more than 400 mushroom species before and after management activities (Christophe Berney, Herpetological Consulting and Expertise, Riehen) Analyses of data from 40 years bird ringing activity at Ulmethöchi, BL (Basellandschaftlicher Naturschutzverband, BNV) Statistical consulting at the Schweizerische Hochschule für Landwirtschaft SHL Supervision of one week courses in wildlife biology for Youth Science
March 2003 – February 2009 (10 – 25 %)	<p>Carer of "Naturlehrgebiet Buchwald", Ettiswil, a nature reserve designed for environmental education. www.naturlehrgebiet.ch</p> <p>Guidance of groups, mainly school classes. Courses for teachers.</p>

- Sept 1999 – Juni 2003 **PhD:** „Relations of substrate use and morphology: morphological convergence in conifer-dwelling passerines (Passeriformes, Aves)“ supervised by Dr. B. Leisler (Max Planck Institute for Ornithology, Radolfzell, D).
- Jan – Aug 1999 The **PhD project** „Genetical and morphological differences between two ecotypes of the European nuthatch“ was given up after 8 months due to too small morphological differences between the two ecotypes.
- 1999 – 2002
(50 %) **Scientific assistant** at the Zoological Museum, University of Zurich
Teaching, organisation of a journal club and of a workshop on morphometrics with Dennis Slice.
- Aug 1998 – Okt 1998 **Scientific assistant** at the Swiss Ornithological Institute (radar ornithology, Prof. B. Bruderer)
Analyses and publication of data from my Master study.
- Jan 1997 – July 1998
(10 %) **Secretary** at the office of the foundation for the protection of bats.
www.fledermausschutz.ch
- Okt. 1991 – Feb. 1992
(100 %) **Shop assistant** Bächli Bergsport, Zürich-Örlikon

Education

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- June 2009 Course **Bayesian Statistics** by Tony O'Hagan in Kandersteg
- November 2008 Course and workshop: **Mark-recapture workshop** in Montpellier.
Organisator: Rémi Choquet, Olivier Gimenez, Roger Pradel.
- Sept 2007 – April 2008 Post-diploma course in **Applied Statistics** at the University of Berne. Organisator: Prof. Dr. J. Hüsler
Diploma: "Quantification of within-winter movements of Pochards and Tufted ducks – developing a ring-recovery model"
- Feb 2008 Course: **Introduction to Bayesian Analyses using WinBUGS**, by D. Spiegelhalter and D. Lunn, Cambridge UK
- May 2007 International Doctoral Course: **New insights into mixed model methodology with applications to genomics and biostatistics**, by J.-L. Foulley and F. Jaffrézic
- June 2003 **PhD defence** at the Zoological Museum, University of Zurich.
Head: Prof. Dr. Paul Ward
- Okt. 2001 – Okt. 2003 **Post-diploma course in Applied Statistics** at the ETH Zürich
Organisator: Prof. Dr. W. Stahel
- June 1998 **Master exam** in zoology (ecology, morphology and taxonomy) and systematic botany:
- 1996 –1998 **Master:** "Orientation behaviour of nocturnally migrating passerines" supervised by Prof. Dr. B. Bruderer, Swiss Ornithological Institute
- 1994 –1997 **Master Studies** in zoology and systematic botany

1992 –1994 **Bachelor study** in biology
 1991 Matura (qualification for university entrance) in Dübendorf (ZH)

Additional qualifications

since 2008 Co-organisator of the **Workshop "Applied Statistics in Life Sciences"**, Berne

July 2006 – Nov 2006 **Family tour** through eastern Europe with an old VW bus
 Visits and voluntary work on several bird ringing stations and national parks.

Fall 2003, spring 2004 Volunteer at the **Sahara project** of the Swiss Ornithological Institute in Mauretania. (B. Bruderer and F. Liechti)

Okt 1998, Sept 1999, Okt 2000 **Head of the field station** of the Swiss Ornithological Institute at Col de Bretolet
 Bird ringing, administration, head of 10 volunteers.

1992 – 1996 Various voluntary services, e.g. at the **Lynx project**, University of Trondheim N, at the **Yellowstone Nationalpark** USA, and at a **Norwegian farmer**.

since 1985 Active member of **BirdLife** Switzerland
 1995 – 2005 member of the commission "environmental education"
 since 2007 president of the local group "Natur- und Vogelschutzverein Alberswil-Ettiswil".
www.birdlife.ch/navoalberswil-ettiswil

Personality I attach great importance to honesty and modesty.
 Team player, creative, enthusiasm for nature and science

Computer skills Windows, R, S+, SPSS, WinBUGS, E-SURGE, MARK,
 OpenBUGS, EndNote, FileMaker, MatLab, Dreamweaver, Bananas

Language skills German: mother tongue
 English: oral: fluent, written: good
 Norwegian: oral: good, written good
 French: oral: good, written, sufficient

Memberships
 (selection) BirdLife Switzerland (www.birdlife.ch)
 Ala, Schweizerische Gesellschaft für Vogelkunde und Vogelschutz.
 Since 2003 delegate of Ala in BirdLife (www.ala-schweiz.ch)
 Deutsche Ornithologen-Gesellschaft DO-G (www.do-g.de)

Hobbies bird watching, mountaineering, trekking, modern and folk dance
 ecological garden
 basket braiding

Ettiswil, 30. Juli 2009

Fränzi Korner