

Priv. Doz. Isabella Barbara Raphaela Scheiber

DEGREES EARNED:

Habilitation ('*facultas docendi*'): '**Mammal-like social support in greylag geese (*Anser anser*)**'. The University of Vienna, Dept. of Behavioural Biology, October 2011.

Dissertation ('Doctor of Philosophy' in Biology): '**Mate-choice in the house wren, *Troglodytes aedon*, a monomorphic passerine**'. The University at Albany, State University of New York (SUNYA), Dept. of Ecology, Evolution and Behavior, December 2001

Thesis ('Master of Science'): '**The relationship between high altitude existence and amino acid exchanges in the hemoglobin major components (Hb α) of non-passerine birds: A phylogenetic analysis**'. (SUNYA, EEB), May 1994.

EDUCATION/ EMPLOYMENT:	05/2019 - present	Academic Staff, Dept. Behavioural Biology, Univ. Vienna, FWF Project: P 32216 (stand-alone project)
	10/2017 - 04/2019	External associated scientist, The University of Vienna, Dept. of Behavioural Biology (with E. Millesi)
	6/2017 – present	Freelance work – self employed
	04/2017 – 09/2017	Service Contract. GEL Groningen Institute for Evolutionary Life Sciences (GELIFES), University of Groningen (RUG), NL with Prof. J. Komdeur
	01/2013 – 09/2016	Research Associate (Senior postdoc), Behavioural and Physiological Ecology, (formerly Behavioural Ecology and Self-Organization), GELIFES, The University of Groningen (RUG), NL, NWO grant Dossier Nr. 866.12.406 (J. Komdeur).
	04/2012 – 06/2012	Postdoc and Erasmus Mundus Scholar (MEME), RUG, NL
	06/2012 – 12/2012	Research Associate (independent), Konrad Lorenz Research Station (KLF), Grünau im Almtal, A, FWF Project: P21489-B17 (K. Kotschal)
	06/2008 – 03/2012	Research Associate (Senior postdoc), KLF, FWF Project: P21489-B17 (with K. Kotschal)
	01/2006 – 05/2008	Senior postdoc KLF, FWF Project: P18601-B17 (stand-alone project)
	01/2003 – 12/2005	Junior postdoc KLF, FWF Project, P15766-B03 (K. Kotschal)
	05/1994 – 12/2001	PhD Program, The University at Albany, (SUNYA), Albany, NY, USA,
	09/1992 – 05/1994	MSc Program, SUNYA
	05/1992 – 09/1992	Graduate student (diploma), Julius-Maximilian University (JMU), Würzburg, D
	09/1991 – 05/1992	Exchange Student, SUNYA, USA
	05/1991	Undergraduate degree (Vordiplom) JMU, D
	10/1988 – 05/1991	Undergraduate student (diploma), JMU, D

GRANTS (SUMMARIZED)

March 2019	Austrian Science Fund 'Diurnal and seasonal rhythmicity of hormones and behaviour in Arctic-breeding barnacle geese (<i>Branta leucopsis</i>)' P 32216 (May 2019 – April 2022, (€ 468.385,00)
April 2013	NWO Visitor Grant, "The effects of social support on corticosterone, prolactin and mesotocin in social species". (€ 10.800,00; Granted, but declined)
December 2012	NWO ALW-NPP grant (to J. Komdeur): "Effects of heavy metal contamination on stress response modulation and stress coping abilities in barnacle geese (<i>Branta leucopsis</i>)". (€ 260,621,00)
November 2005	Austrian Science Fund 'Social support in greylag geese', (€ 207.318,35)
March 1993 – July 2001	A total of 14 grants as graduate student (\$ 14,141.00)

PRESENTATIONS:

Invited Oral Presentations: 14 Presentations (NWO Polar Symposium, IOC; IEC, ECBB, etc.)
Oral Presentations: 15 Presentations (IEC, ISBE, ABS, ASAB, AOU etc.)
Poster Presentations: 8 Presentations (IOC, AOU, ABS etc.)

SYMPOSIUM ORGANIZATION:

Scheiber, I. B. R. and T. Bugynar. Convergence of Social Complexity in Mammals and Birds. ABS/IEC Conference in Bloomington, IN, USA. 07/25-30/2011.
Scheiber I. B. R., K.v.Oers and T. Bugynar. Avian Social Complexity. 25th IOC, Campos do Jordao, BR. 08/22-28/2010.
Scheiber, I. B. R., R. Hudson, and K. Kotrschal. Social and Cognitive Convergence in Vertebrates. 30th IEC Halifax, CAN. 08/15 – 23/2007.
Scheiber, I. B. R. and K. Kotrschal. Towards and integration of social mechanisms and functions. 29th IEC Budapest, Hungary. 08/20 – 27/2005.

CONFERENCE ORGANIZATION:

KLF Anniversary Symposium. Frontiers in Behavioural Biology: From Ethology to Comparative Cognition. (09/24-09/25/2010). The University of Vienna, A.
EG-Meeting: "Social Organization and Cognitive Tools. General Patterns in Vertebrates?" (02/22 – 25/2007). Grünau im Almtal, A.
ASAB Summer Meeting: "Personality: Mechanisms and Functions. Why are we all different?" (07/22 – 25/2003), Grünau im Almtal, A.

EMPLOYMENT TEACHING

March 2006 – present Visiting Lecturer, The University of Vienna, Vienna, A.
April 2012 – June 2012 Erasmus Mundus Scholarship (EU funded), The University of Groningen, NL
September 2000 – May 2001. Visiting Instructor, The University at Albany, NY, USA.
September 1999 – May 2000. Visiting Instructor, Siena College, Loudonville, NY, USA.

ADVISEMENT/ CO-ADVISEMENT: DISSERTATIONS, MASTER OF SCIENCE THESES, BACHELOR THESES

Dissertations: 3 (Co-advertisement)
Master of Science: 10
Bachelor: 4

EXAMINATION COMMITTEES – DISSERTATIONS /MASTER OF SCIENCE (LAUREA)

April 2017. Georgine Szpil: 'Social relationships and acoustic communication in Common ravens (*Corvus corax*)'. Dept. of Cognitive Biology. Faculty of Life Sciences. The University of Vienna.
November 2013. Berber de Jong: 'Testosterone a female hormone. Testing the function and evolution of testosterone in female birds'. BESO, GELIFES, The University of Groningen.
May 2007. Paola Ethel Pisa. 'Dominance style in male greylag geese (*Anser anser*)'. Universita degli Studi di Trieste.

STIPENDS/ASSISTANTSHIPS

April 2012 – June 2012. Erasmus Mundus Scholarship for Visiting Researchers (with Profs. F. Weissing and J. Komdeur). The University of Groningen, NL
August 1994 – 1999. Teaching Assistantship and Tuition Scholarship, Department of Biological Sciences, The University at Albany, Albany, NY, USA.

AWARDS RECEIVED

Outstanding Graduate Student Teaching Assistant, Academic Year 1997/1998, The Department of Biological Sciences, The University at Albany, Albany, NY, USA.

MEDIA COVERAGE:

WRITTEN

- *Badische Zeitung – Natur*, 'Schwer gestresst'. Kerstin Viering, 23.02.2019
- *Wiener Zeitung – Wissen Natur* 'Mehr Stress, weniger Gesang'. Kerstin Viering, 16.02.2019
- *Berliner Zeitung* (50) 'Gänseküken im Stresstest'. Kerstin Viering. 12.02.2019. p. 16.
- *NEMO Kennislink* 'Jonge gansen in vervuild poolgebied zijn rustelozer'. Mariska van Sprundel. 20.12.2018
- *APA Natur und Technik* 'Schwermetalle lassen Stresslevels bei Junggänsen steigen'. Paulina Parvanov. 12.12.2018
- *Leipziger Zeitung* 'Leipziger Forscher untersuchen die Langzeitwirkung von Umweltverschmutzung'. *thiko* 12.12.2018
- **Scheiber, I. B. R.** (2016). Sozialverhalten im Lichte der Evolution und Verhaltensbiologie. *In: Evolution – Natur, Mensch, Gesellschaft* (R. Neck, Hrsg). Schriftenreihe der Karl Popper Foundation Klagenfurt, Band 8. Peter Lang GmbH, Frankfurt/Main, D., pp. 71-86.
- Komdeur J., B. M. Weiß and **I. B. R. Scheiber** (2016). Bygones aren't bygones. *Pan European Networks: Science and Technology* 19: 240-241. <http://www.paneuropeannetworkspublications.com/ST19/#240>.
- *DerStandard.at* Wissenschaft Gutenberg-Galaxis. „Gaugansforschung: Soziale Mechanismen mit Parallelen zu Säugetieren“. APA/ Editorial. 23.07.2013.
- *DerStandard.at* Forschung Spezial: „Der persönliche Blick der Graugänse“. Susanne Strnadl. 14.09.2011.
- *DerStandard.at* Forschung Spezial: „Die Macht des Vogel-Clans“. Susanne Strnadl. 12.03.2008.
- *DerStandard.at* Forschung Spezial: „Die zarte Seite der Gans“. Doris Griesser. 27.06.2006.

BOOK REVIEWS BY SCHOLARLY COLLEAGUES:

'The Social Life of Greylag Geese. Patterns, Mechanisms and Evolutionary Function in an Avian Model System'

- Theunis Piersma *Ibis*: **157**, 903-904 (2015).
- Ralf H. J. M Kurvers. *Quart. Rev. Biol.* **89/4**: 406 (2014).
- Berend Voslamber, (in Dutch). *Limosa* **86/4**: 251-252 (2013).

TELEVISION

- 'Bird Brains'. <http://www.pbs.org/wgbh/nova/nature/bird-brain.html> (Betsey Arledge) WGBH Boston, MA. 29.12.2017.
- 'Flügel, Schnabel, Superhirn!' in *Terra Mater*. Servus TV (John Carpenter), Vienna 22.02.2012.
- 'Die Rückkehr der Graugans' in 'Oberösterreich heute' (Marcus Leibetseder), Linz. 25.03.2010.
- 'Dumme Gans, gescheite Gans' in 'Die Welt der Tiere'. Bayerischer Rundfunk (Markus Schmidbauer), München. 29.11.2009.
- 'Gans im Glück?' in 'Netz Natur'. Schweizer Fernsehen 1 (Andreas Moser), Zürich. 07.09.2006.

PROFESSIONAL VOLUNTARY DUTIES:

2018, 2019: Committee Member. National Fellowship Program - GWIS, Minneapolis, MN, USA.
2013, 2015-2016: Outstanding Student Selection Committee. European Erasmus Mundus Degree Program (Double/Joined). 'Evolutionary Biology', The Universities of Groningen, Uppsala, Munich, and Montpellier.
2005 – 2015: Regional Coordinator Western Europe of Ornithological Worldwide Literature Web (project terminated in 2015)

MEMBER OF SCIENTIFIC AND PROFESSIONAL SOCIETIES

- Association for the Study of Animal Behaviour (ASAB)
- British Ornithologist's Union (BOU)
- Deutsche Ethologische Gesellschaft (Etho-Ges.)
- Deutsche Zoologische Gesellschaft (DZG)
- International Society of Behavioural Ecology (ISBE)
- Graduate Women in Science (GWIS) – Iota Nu (International Chapter, Founding member German chapter)
- Goose Specialist Group (GSG, invited)