

Curriculum vitae

Name: Dr. Lysanne Snijders
Date of Birth: 11-10-1986
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Summary of research interests and experience

The social and spatial dynamics of animal populations are my main academic research interests. During my first MSc thesis at Wageningen University (Netherlands), I investigated parental care differences between migrating and non-migrating barnacle geese and during my second MSc thesis at The Simon Fraser University (Canada), I studied if anthropogenic structures and activities affect the spatial distribution of dabbling ducks in agricultural fields. I have a special interest in how individuals weigh the risk and benefits of particular situations, for example social situations. As part of my PhD at Wageningen University, I used a novel tracking system and a self-designed video-playback experiment to study the effects of personality on proximity and communication networks in great tits. I additionally collaborated with the Leibniz Institute of Freshwater Ecology and Inland Fisheries (IGB, Germany), examining how social information transmission improves the decision accuracy in human groups and discovery of novel food items in wild Trinidadian guppies. Finally, I am very keen in exploring the value of animal behaviour science for conservation, for example via systematic review of behaviour-based conservation interventions.

Employment/Work history

2017-Current	Postdoc Biology and Ecology of Fishes, Leibniz IGB-Berlin
2016-2017	Postdoc Behavioural Ecology Group; Animal Sciences Department; Wageningen University & Guest Researcher Animal Ecology Department Netherlands Institute for Ecology.
2012-2016	PhD student Behavioural Ecology Group; Animal Sciences Department; Wageningen University & Guest Researcher Animal Ecology Department Netherlands Institute for Ecology.
2009-2010	Student assistant, Environmental Systems Analyses Group Wageningen University. Daily duties include writing and editing articles for the site www.natuurbericht.nl , writing nature book reviews, promoting and gathering information for the site www.natuurkalender.nl .

Education

2012-2016	PhD Degree with distinction (<i>cum laude</i>): awarded to the top 3%
2009-2011	Master Biology with distinction (<i>cum laude</i>): awarded when all courses are graded with an 8 or higher on average and the MSc Thesis graded with a 9, Wageningen University
2005-2009	Bachelor Biology, Utrecht University (2007: Minor Management and Organization)
1999-2005	Pre-University Education (VWO)

Doctorate

2012-2016	Behavioural Ecology Group Wageningen University, The Netherlands 01-02-2012 to 01-02-2016 (Date of defence: 29-04-2016; <i>cum laude</i> : awarded to the top 3% Supervisor (promotor): Prof. Dr Marc Naguib Title: To tweet or not to tweet: The role of personality in the social networks of great tits
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MSc Theses

2009	Behavioural features of a migratory Barnacle goose population (<i>Branta leucopsis</i>). Resource Ecology Group, Wageningen University, The Netherlands .
2010-2011	Differences in anti-predator behaviour between day and night for dabbling ducks in the Fraser Delta B.C. Canada. Centre for Wildlife Ecology of Simon Fraser University, Canada .

Awards, grants and fellowships

- For my MSc Thesis (2009) I was granted The Alfred Russel Wallace Award in Resource Ecology: this award is bestowed once per year for the best Master's thesis of the research group (150 euro).
- Runner up poster prize at the Meeting of the Ethologische Gesellschaft in Bielefeld 2013 (100 euro)
- ASAB Travel Grant 2014 (390 euro)
- WIAS Graduate School PhD fellowship 2014 (1520 euro)

- Wageningen University Call for Innovation 2016 (co-applicant; 23 000 euro)
- ISBE Travel Award 2016 (650 euro)
- WIAS Postdoc Fellowship 2016 (three months of salary, total > 8000 euro)
- MPI Evolutionary Biology Travel Grant 2017 (200 euro)
- IGB Postdoc Fellowship 2017 (12 months of salary + consumables and travel allowances, total > 22 000 euro)
- Humboldt Research Fellowship 2017, for a postdoc position at the Leibniz-Institute for Zoo and Wildlife Research, starting 2018 (24 months of salary + research costs, total > 63 000 euro).

Other academic activities

- Organising member of the Wageningen Evolution and Ecology Seminars (www.weeswageningen.nl); I have hosted seminars and master classes for internationally renowned scientists (2012-2016)
- Coordinator of the Behavioural Ecology Journal Club (2013)
- Course instructor: Ecology of animal life histories (2012, 2014), Behavioural ecology (2012, 2013, 2015), Animal behaviour (2015, 2016), Life history evolution (2016); Coordinator innovation of the Animal Behaviour course (2016); Supervision of 11 MSc thesis students, 4 BSc students, 5 student assistants.
- Manuscript reviewer for Advances in the Study of Behavior, Animal Behaviour, Behavioral Ecology and Sociobiology, Behavioral Ecology, Behaviour, Ethology, Ibis, Journal of Avian Biology, Journal of Ornithology, PLoS ONE, Royal Society Open Science and Scientific Reports.
- Member of a PhD selection committee at NIOO-KNAW (2013/14)
- Practical instructor of the NVG Animal Personality PhD Masterclass (Leiden, 2015)
- Instructor of Introduction to Animal Behaviour, Massive Open Online Course (MOOC) on www.Edx.org
- Reviewer of submissions for oral presentations for the international conference: WAFL 2017
- Member of the IGB Open Access Fund work group (2017)
- Member of the IGB Postdoc society (2017)
- Scientific outreach: Leibniz-Kolleg Science Slam; Writing weblogs for the popular Dutch webcam site following breeding birds (Vogelbescherming Nederland); presenting at the Dutch Bird Fair, SoapBox Science and a high school; Scientifically interacting with visitors of the Wereld Haven Dagen Rotterdam and Open days at the NIOO and WUR; creating popular science vlogs and blogs for "Dokter Ecologie"; facilitating popular science articles and interviews about my research; creating project videos for public websites; my personal website: www.lysannesnijders.com

International research activities

- Master thesis - Simon Fraser University, Burnaby, Canada (2010): **6 months**
- Visiting scientist - IGB, Berlin, Germany (2012-2016): **3 months** cumulative
- Visiting scientist - University of Wyoming, Wyoming, USA (2015): **5 weeks**
- Collection of field data - Saaremaa, Estonia (2009): **2 weeks**
- Collection of field data - Trinidad (2016-2017): **2 x 3 weeks**
- Laboratory visits - University of Colorado, USA (2015); IZW, Germany (2015 & 2016); Fachhochschule Lübeck, Germany (2017): **1 week**
- Postdoctoral scientist – IGB, Berlin, Germany (2017-2018): **12 months**

International symposia, workshops and conferences

- Behaviour; 2 oral presentations - New castle, UK; Cairns, Australia; Estoril, Portugal (2013, 2015, 2017)
- ISBE; 2 oral presentations - New York, USA & Exeter, UK (2014, 2016)
- ASAB Winter meeting; poster presentation - London, UK (2013, 2014)
- Meeting of the Ethologische Gesellschaft; poster presentation and oral presentation - Bielefeld & Hamburg, Germany (2013, 2015)
- Behaviour, Physiology and Genetics of Wildlife; oral presentation - Berlin, Germany (2015)
- International Berlin Bat Meeting; participant – Berlin, Germany (2017)
- Systematic Review for Conservation Workshop; participant – Negev, Israel (2017)
- Göttinger Freiland Tage: Social complexity; oral presentation – Göttingen, Germany (2017)

International collaborations

- Prof. Ron Ydenberg - Simon Fraser University, Burnaby, Canada
- Prof. David McDonald - University of Wyoming, Laramie, USA
- Prof. Jens Krause - Humboldt University, Berlin, Germany

- Prof. Stefan Krause – Fachhochschule, Lübeck, Germany
- Prof. Daniel Blumstein - UCLA, Los Angeles, USA
- Dr. Daniel Franks – University of York, York, UK
- Dr Christina Stanley – University of Chester, UK
- Dr. Alison Greggor – San Diego Zoo – Institute for Conservation Research, San Diego, USA

Other relevant international activities

Coordinator nature education project – Centre for Sustainability - Palawan, the Philippines (2010): **3 months**

Related experience

2017-Today Volunteer, writer & editor Nature Today (<https://www.naturetoday.com/intl/en/home>)
 2016-Today Member Future For Nature Academy (www.futurefornature.org)
 2013-2016 YouTube video actor, script writer, blogger Popular Science Platform: Dr Ecologie
 2012-2015 Member Social events committee at NIOO-KNAW.
 2011-2017 Volunteer science blogger for the Dutch Bird Protection (VBN): www.beleefdelente.nl
 2010-2011 Volunteer bird banding for Wild Research British Columbia, Canada.
 2007-2012 Volunteer, Vogel Revalidatie Centrum Zundert (Bird Recovery Centre).
 2008-2009 Editor Faculty newsletter Utrecht University, Bioscope.

Languages

Dutch – Fluent (native language)
 English – Fluent (spoken and written)
 German – Good (spoken), basic (written)
 French – Poor (spoken)

Other

In possession of a driver's license
 Hobbies: science communication, nature photography, reading, running, yoga, bouldering, scuba diving

Complete list of publications

PhD Thesis - Cum laude (top 3%)

Snijders, L. (2016). To tweet or not to tweet: The role of personality in the social networks of great tits. Wageningen University, Wageningen, The Netherlands. 237 pp (ISBN 978-94-6257-694-0)

Publications with peer review process

- Jonker RM, Kuiper MW, **Snijders L**, Van Wieren SE, Ydenberg RC, Prins HH (2011). Divergence in timing of parental care and migration in barnacle geese. *Behavioral Ecology* 22: 326-331.
- **Snijders L**, van Rooij EP, Burt, JM, Hinde, CA, van Oers, K, Naguib, M (2014). Social networking in territorial great tits: slow explorers have the least central social network positions. *Animal Behaviour* 98: 95-102.
- **Snijders L**, van Rooij EP, van der Eijk J, de Goede P, van Oers K, Naguib M (2015). Song trait similarity varies with social structure. *PLoS ONE* 10: e0116881.
- Clément R, Wolf M, **Snijders L**, Krause J, Kurvers RHJM (2015). Information transmission via movement behaviour improves decision accuracy in human groups. *Animal Behaviour* 105: 85-93.
- **Snijders L**, van Rooij EP, Henskens MFA, van Oers K, Naguib M (2015) Dawn song predicts behaviour during territory conflicts in personality-typed great tits. *Animal Behaviour* 109: 45-52.
- Naguib M, van Rooij EP, **Snijders L**, van Oers K (2016). To sing or not to sing: seasonal changes in singing vary with personality in wild great tits. *Behavioral Ecology* 27: 932-938.
- **Snijders L**, van Oers K, Naguib M (2017) Sex-specific responses to territory intrusions in a communication network: evidence from radio-tagged great tits. *Ecology and Evolution* 7: 918-927.
- **Snijders L**, Naguib M, van Oers K (2017) Dominance rank and boldness predict social preference in great tits. *Behavioral Ecology* 28: 398-406.
- **Snijders L**, Naguib M. (2017) Communication in animal social networks: a missing link? *Advances in the study of Behaviour* 49: 297-359.
- **Snijders L**, Nieuwe Weme LE, De Goede P, Savage JL, van Oers K, Naguib M (2017) Context-dependent effects of transmitter attachment. *Avian Biology* 48: 650-659.
- **Snijders L.**, Blumstein D.T., Stanley C.R., Franks D.W. (2017) Social network theory can help wildlife conservation. *Trends in Ecology and Evolution* 32: 567-577...