



NVG meeting 2014 program

Wednesday 26

17:30	registration	Main Building
18:00	dinner	Winter Garden
Chair: Simon Verhulst		Cecilia Chapel
20:00	BRILL Baerends lecture – sponsored by BRILL Publishers Theunis Piersma (University of Groningen and Royal Netherlands Institute for Sea Research NIOZ) <i>Towards a developmental ecology (e.g. of shorebird migration)</i>	
21:00	drinks	Winter Garden

Thursday 27

Chair: Liesbeth Bolhuis		Cecilia Chapel
9:00	Wouter Halfwerk (Leiden University): <i>To get chicks you need bucks, but frogs get too much bang for their chucks</i>	
9:25	Bibiana Montoya (Universidad Nacional Autónoma de México): <i>The greener the better</i>	
9:40	Bas Rodenburg (Wageningen University): <i>Have you got the guts? Effects of early-life microbiota on behavioural development in layer chicks</i>	
10:10	Paul Koene (Wageningen University): <i>Weaning age in parrots: relations with brain size, intelligence and welfare</i>	
10:30	coffee	Winter Garden
Chair: Joris Koene		Cecilia Chapel
11:00	Trine Brilde (Aarhus University): <i>The evolution of allo-maternal care and social organization in spiders</i>	
12:00	Neo et al. (presented by Jeroen Hubert , Leiden University): <i>Behavioural response of European seabass to artificial sound exposures in an outdoor setting</i>	
12:20	Jenny Ouyang (Netherlands Institute of Ecology): <i>For better or for worse: hormonal similarity and pair separation in a freeliving songbird</i>	
12:35	Nele Zickert (University of Groningen): <i>Myths about handedness</i>	
12:40	lunch	Winter Garden
13:30	posters+coffee/tea	Cecilia Chapel / Winter Garden
Chair: Gabriël Beckers		Cecilia Chapel
14:15	Sietse de Boer (University of Groningen): <i>Battling aggressiveness by sniffing oxytocin: Feat or fiction?</i>	
14:45	Katharina Riebel (Leiden University): <i>Female SONGbirds</i>	
15:15	Michelle Spierings (Leiden University): <i>Pauses aid acoustic string discrimination and chunk recognition by zebra finches</i>	
15:40	Bin-Yan Hsu (University of Groningen): <i>Thyroid hormones: ignored hormone-mediated maternal effects</i>	
16:00	coffee and NVG general meeting	
18:00	dinner	Winter Garden
Chair: Martine Maan		Cecilia Chapel
20:00	Tom Tregenza (University of Exeter): <i>Ageing and Chivalry in Wild Crickets</i>	
21:00	drinks sponsored by Noldus Information Technology	Winter Garden

Friday 28

Chair: *Camilla Hinde*

Cecilia Chapel

- 900 **Liesbeth Sterck** (Utrecht University):
The EMO-model: an agent-based model of primate social behaviour regulated by two emotional dimensions
- 930 **Anne Marijke Schel** (Utrecht University):
Chimpanzee Alarm Call Production Meets Key Criteria for Intentionality
- 955 **Shafiei Sabet** (Leiden University):
Species differences in the behavioural response to sound exposure in captive fish
- 1020 **Meghan Laturney** (University of Groningen):
*Love stinks: Chemical mate guarding in *Drosophila**

10:35 coffee

Winter Garden

Chair: *Jean-Christophe Billeter*

Cecilia Chapel

- 11:00 **Frédéric Méry** (CNRS Gif sur Yvette, France):
Drosophila social interactions: environmental and genetic variations
- 12:00 **Arne Iserbyt** (University of Antwerp):
Sexually antagonistic selection in canaries not generated by testosterone-related intra-locus sexual conflict
- 12:15 **Edwin van Leeuwen** (University of Jena):
Individual and social information usage in children and chimpanzees
- 12:30 **Els Atema** (University of Groningen):
Handicapping great tits: the effects of carrying extra weight on telomere length

12:45 lunch

Winter Garden

Chair: *Hans Slabbekoorn*

Cecilia Chapel

- 13:45 **Mariam Honarmand et al.** (presented by **Marc Naguib**, Wageningen University):
Conditions during adolescence affect male song learning and female preferences in zebra finches
- 14:15 **Veronika Laine** (Netherlands Institute of Ecology):
*The genetics of behavior in nine-spined sticklebacks (*Pungitius pungitius*)*
- 14:40 **Jenke Gorter** (University of Groningen):
*The nutritional and hedonic value of food modulates reproductive behaviors in *Drosophila melanogaster* females*
- 15:05 **Neeltje Boogert** (University of St. Andrews):
Developmental stress predicts social network position

15:20 close; coffee+tea

Winter Garden



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Posters

Allert I. Bijleveld (a), Robert B. MacCurdy (b), Rich M. Gabrielson (c,d), John Cluderay (e), Anne Dekinga (a), Eric L. Spaulding (c), Sander Holthuijsen (a), Job ten Horn (a), Maarten Brugge (a), Emma Penning (a), Ying Chi Chan (a), Jan A. van Gils (a), David W. Winkler (d), and Theunis Piersma (a,f)

a. Department of Marine Ecology, NIOZ Royal Netherlands Institute for Sea Research; b. Department of Mechanical and Aerospace Engineering, Cornell University, Ithaca, USA; c. Bioacoustics Research Program, Cornell Laboratory of Ornithology, Cornell University, Ithaca, USA; d. Department of Ecology and Evolutionary Biology, Corson Hall, Cornell University, Ithaca, USA e. Marine Technology Electronics, NIOZ Royal Netherlands Institute for Sea Research; f. Chair in Global Flyway Ecology, Animal Ecology Group, University of Groningen

Mechanistically connecting trophic levels: Negative density-dependence in prey causes predators to trade-off prey quantity with quality

Claire Duménil, David Woud, Jean-Christophe Billeter

Behavioral Biology Group, University of Groningen

Mothers understand: signaling of oviposition sites in *Drosophila melanogaster*

Jeroen N.A. Hoffer, Jacintha Ellers, Janine Mariën & **Joris M. Koene**

VU University, Amsterdam

Measuring sexual selection in a simultaneous hermaphrodite

Neeraj Kumar(1), Bonnie de Vries(1), Annie van Dam(2), Hjalmar Permentier(2), Manfred Gahr(3), Ton G.G. Groothuis(1).

(1) Behavioural Biology, Univ. of Groningen, NL; (2) Interfaculty Mass Spectrometry Center, University of Groningen, NL; (3) Behavioural Neurobiology, Max Planck Institute for Ornithology, Germany

Hormone-mediated maternal effects: a potential role for the embryo?

Hans Slabbekoorn, **Jaime Sierro Miguel**, Javier Sierro Miguel

Leiden University

The role of syllable alternation during territorial contests in the common chiffchaff (*Phylloscopus collybita*)

Thomas Oudman (NIOZ), Vincent Hin (UvA), Jan van Gils (NIOZ)

The effect of food choice by red knots on prey populations

Michiel Schotten (1,2), Bernd Würsig (3), Dara Orbach (3), Ken Sexton (4), Sarah Piwetz (3), Marc Lammers (5)

(1) Institute of Biology Leiden

(2) Dolphin Recording Tools, De Rijp; (3) Department of Marine Biology, Texas A&M University at Galveston, USA; (4) The Sexton Corporation, Salem, USA; (5) Hawaii Institute of Marine Biology, University of Hawaii

Who is vocalising? Acoustic localisations of broadband clicks plotted onto video recordings of individual dusky dolphins (*Lagenorhynchus obscurus*) in New Zealand

Lysanne Snijders (a,b), Erica P. van Rooij (a), John M. Burt (c), Camilla A. Hinde (a), Kees van Oers (b), Marc Naguib (a)

(a) Behavioural Ecology Group, Wageningen University; (b) NIOO-KNAW, Wageningen; (c) University of Washington, Seattle, U.S.A.

Networking with territorial songbirds

Eveline C. Verhulst (1,2,3), A. Christa Mateman (1), M.V. Zwier (2), Samuel P.G. Caro (1,4), **Koen J.F. Verhoeven**(1), **Kees van Oers**(1)

1 Netherlands Institute of Ecology (NIOO-KNAW), Wageningen; 2 University Medical Center Groningen; 3 Currently at: Laboratory of Genetics, Wageningen University; 4 Currently at: Department of Evolutionary Ecology, CEFE-CNRS, Montpellier, France

DNA methylation of dopamine receptor D4 is associated with personality traits in the great tits (*Parus major*)