



**Programma Wetenschappelijke Bijeenkomst  
Nederlandse Vereniging voor Gedragsbiologie  
6 – 8 December 2000**

<b>Wednesday 6</b>	17:30 – 18:00	Registration
	18:00 – 20:00	Dinner + Bar open
	20:00 – 21:00	<p><i>Chair: Serge Daan</i></p> <p><b>Dr. Claus Wedekind</b> Institute of Cell, Animal and Population Biology, University of Edinburgh, UK <b>Genetic variance and sexual selection</b></p>
	21:00	Posters + Bar open
<b>Thursday 7</b>	08:00 – 08:50	<p><b>Breakfast</b></p> <p><b>Therapy in depressed and demented patients</b> <i>Chair: G. van Luijelaar</i> <b>E. Geerts &amp; N. Bouhuys (RUG &amp; Academic Hospital Groningen)</b> Mutual influence in depressives' interactions</p>
	09:00 – 09:25	<b>M.C.M. Gordijn, K.M. Koorengel, D.G.M. Beersma, Y. Meesters, J.A. den Boer,</b>
	09:25 – 09:50	<b>R.H. van Hoofdakker &amp; S. Daan (RUG)</b> Effects of extra-ocular light in winter depressed patients
	09:50 – 10:15	<b>R. Riemersma (NIH)</b> The effect of light and melatonin on sleep in demented elderly
	10:15 – 10:50	<p><b>Coffee</b></p> <p><i>Chair: M. Visser</i> <b>K. Riebel (IEEW, UL)</b> Early exposure leads to repeatable preferences for male song in female Zebra Finches</p>
	10:50 – 11:15	<b>R.F. Lachlan (IEEW, UL)</b>
	11:15 – 11:40	Making a link between individual patterns of song learning and population patterns of song variation using computer simulations
	11:40 – 12:05	<b>G.J.L. Beckers (IEEW, UL)</b> Perceptual relevance of species-specific differences in acoustic signal structure in <i>Streptopelia</i> doves
	12:05 – 12:30	<b>J.J.M. Pereboom &amp; J.C. Biesmeijer (UU)</b> Thermal constraints, niche partitioning and biogeography of tropical bees
	12:30 – 13:30	<p><b>Lunch</b></p> <p><i>Chair: J. Bolhuis</i> <b>M.P. Gerkema (RUG)</b> Are some animals more circadian than others?</p>
13:30 – 13:55	<b>J.P.C. de Bruin (NIH)</b>	
13:55 – 14:20	Behavioural flexibility and the prefrontal cortex	
14:20 – 15:00	<b>M. Kruk (Leiden-Amsterdam Center for Drug Research)</b> Corticosteroids are crucial to the expression of aggression	
15:00 – 15:30	Tea	

15:30 – 16:30

**Poster praatjes**  
**Chair: K. Lessells**

**Posters (\* no praatje):**

- \*B. Biemans (RUG):** Ageing of the circadian system and memory  
**M. Boerschoten, K. Staal, M. Gorissen, J. Ellis & G. van Luijelaar (KUN):** Trait markers in schizophrenics: do they exist?  
**L. Bolhuis (WAU):** Rearing conditions, coping characteristics and responses of pigs in a T-maze test  
**C. Carere (RUG):** Effect of social defeat in Great Tits different for coping style  
**C. Carere (RUG):** Male Great Tits prefer females similar for coping style  
**E. van Duyse (Univ. of Antwerp):** Effects of testosterone on the investment in sexual, territorial and paternal behaviour, and male fitness in the Great Tit  
**\*M. Eens (Univ. of Antwerp):** Sex-role reversal in Moorhens: behavioural and endocrinological data  
**\*E. Etman, H. Lelieveld & C. ten Cate (IEEW, UL):** Who will be my breakfast partner today?  
**J.E. van der Harst (Centrum Welzijn Dieren, UU):** Difference in sensitivity to rewards in standard and enriched housed rats  
**J.E. van der Harst (Centrum Welzijn Dieren, UU):** Social stress and anhedonia: anticipation of sucrose and environmental enrichment as rewards in rats  
**\*B. Houx & B. Spruijt (Centrum Welzijn Dieren, UU):** Non-invasive temperature tracking with automated infra-red thermography; measuring inside out  
**A. Leitao (IEEW, UL):** Do territorial responses in male Chaffinches covary with duration of different song parts?  
**F. Naber (UMC-AZU):** Attachment and behaviour classifications  
**M. Meijer (Centrum Welzijn Dieren, UU):** Taste reactivity patterns in domestic cats (*Felis sylvestris catus*)  
**M. Meijer (Centrum Welzijn Dieren, UU):** Measuring welfare in domestic cats: the role of Pavlovian conditioning  
**J. Reneerkens (NIOZ):** The functional role of corticosterone in a long-distance migrant the Red Knot  
**E. de Ridder (Univ. of Antwerp):** Experimental evidence of a testosterone induced shift from incubation to mating behaviour in male European Starlings  
**T.B. Rodenburg (WAU):** Feather pecking and reaction to frustration in two lines of laying hens  
**P.H. Zimmerman (WAU):** The cardiac response of laying hens to frustration in classical and operant conditioning

16:30 – 16:45

**Dr F.M. Martens (plv. Directeur NWO Gebied Aard- en Levenswetenschappen)**  
 Ontwikkelingen bij NWO-ALW

16:45 – 17:30

**Agenda Huishoudelijke vergadering Nederlandse Vereniging voor Gedragsbiologie**

1. Notulen jaarvergadering 16.12.1999
2. Verslag over het jaar 2000
3. Financieel jaarverslag 2000/verslag kascommissie
4. Bestuursamenstelling: Jacques van Alphen en Wijnand Raaijmakers zijn reglementair na drie jaar aan de beurt om af te treden. Het bestuur nomineert thans de volgende personen met specificatie van taken: Dr. Menno Kruk, Universiteit Leiden (toekomstig voorzitter); Dr. Paul Koene, Universiteit Wageningen (webmaster, toekomstig secretaris); Dr. Katharina Riebel, Universiteit Leiden (organisatie jaarlijkse winterbijeenkomst). Onderhandelingen met een kandidaat-penningmeester m.i.v. 2000 zijn nog gaande.
5. Plannen voor 2001
6. Begroting 2001
7. Benoeming nieuwe Kascommissie
8. Samenwerking met Ethologische Gesellschaft en Association for the Study of Animal Behaviour, in het bijzonder met betrekking tot de organisatie van het First European Congress on Behavioural Biology in Münster 2002.
9. Wetenschappelijke Raad: Ontwikkelingen bij ALW
10. Rondvraag
11. Sluiting

Thursday 7

17:30 – 18:30

Poster session + Bar open

18:30 – 20:00

Dinner + Bar open

*Chair: Ton Groothuis*

20:00 – 21:00

**Prof. Ellen Ketterson**

Center for the Integrative Study of Animal Behaviour, Indiana University, USA

**Using hormones to explain adaptation and constraint: phenotypic and extended phenotypic effects of testosterone in a songbird**

21:00

**Noldus Borrel**

Call by during the drinks for a demonstration of **EthoVision for Windows and The Observer**. Drinks are sponsored by Noldus Information Technology bv.

Followed by Bar open

Friday 8

08:00 – 08:50

Breakfast

*Chair: J.A.R.A.M. van Hooff*

09:00 – 09:25

**P. Koene (Ethologie, WAU)**

De-domestication: up to the past or back to the future?

09:25 – 09:50

**B. Houx & B. Spruijt (Centrum Welzijn Dieren, UU)**

Non-invasive temperature tracking with automated infra-red thermography; measuring inside out

09:50 – 10:15

**R. van den Bos (Centrum Welzijn Dieren, UU)**

Inside out, outside in: modelling mind, brain and behaviour

10:15 – 10:50

Coffee

*Chair: J. Tinbergen*

10:50 – 11:15

**K. van Oers (NIOO)**

Genetic coherence in behavioural strategies in Great Tits

11:15 – 11:40

**N. Dingemanse & C. Both (NIOO)**

Exploration and dispersal in Great Tits: individual differences with a heritable component

11:40 – 12:05

**C. Both (RUG)**

Exploratory behaviour, reproduction and hormones in wild Great Tits

12:05 – 12:30

**K. Krijgsveld (RUG)**

How ambient and body temperatures limit foraging behaviour of Golden Plover chicks

12:30 – 13:20

Lunch

*Chair: C. ten Cate*

13:20 – 13:45

**J.M. Koene (Wesfälische Wilhelm-Universität, Münster)**

Why do earthworms stab each other during mating?

13:45 – 14:10

**F. Trillmich (Bielefeld University)**

The development of diving abilities in juveniles and its importance for sibling- and mother-offspring conflict in the Galapagos Fur Seal

14:10 – 14:35

**E.H.M. Sterck, J. Poulus & H. de Vries (UU)**

Competition, dispersal and variation in primate group size

14:35 – 15:00

**J.A.R.A.M. van Hooff (UU)**

Two of a kind: male bimaturism and reproductive success in a population of Sumatran Orangutans

15:00 – 15:30

Tea and end of meeting