



## PhD theses with research performed at Tovetorp Research Station

*If not otherwise stated, dissertations are made at Department of Zoology, Stockholm University*

### 1970 – 1979

1. **Yngve Espmark:** Mother-young relations and development of behaviour in roe-deer (*Capreolus capreolus* L.).
2. **Anders Bjärvall:** Nest-exodus behaviour and nest-site selection of the mallard.
3. **Tommy Radesäter:** Ethological studies on the triumph ceremony of the Canada goose (*Branta canadensis* L.) - with special reference to ontogeny and causation.
4. **Thorsten Klint:** Factors contributing to mate selection in female mallards (*Anas platyrhynchos* L.) - with particular emphasis on the role of the male nuptial plumage.
5. **Sverre Sjölander:** Reproductive behaviour of the divers (Gaviidae).
6. **Greta Ågren:** Sociosexual behaviour in the Mongolian gerbil *Meriones unguiculatus*. Interactions between gonadal hormones and social relationships.

### 1980 – 1989

7. **Hans Ahnlund:** Aspects of the population dynamics of the badger (*Meles meles* L.).
8. **Bengt Lindlöf:** Some aspects of ecology in hares.
9. **Åke Pehrson:** Intake and utilization of winter food in the mountain hare (*Lepus timidus* L.).
10. **Olavi Grönwall:** Aspects of the food ecology of the red squirrel (*Sqiurus vulgaris* L.).
11. **Torbjörn Järvi:** On the evolution of inter- and intraspecific communication through natural and sexual selection.
12. **Sven Jakobsson:** Male behaviour in conflicts over mates and territories.
13. **Hans Temrin:** Polyterritorial behaviour and polygyny in the wood warbler (*Phylloscopus sibilatrix* Bechst).

### 1990 – 1999

14. **Lennart Edsman:** Territoriality and competition in wall lizards.
15. **Kerstin Holmberg:** Mallard ducks, mate choice and breeding success.
16. **Thorleifur Eiriksson:** Female response and male singing strategies in two orthopteran species.
17. **Nina Wedell:** Evolution of nuptial gifts in bushcrickets.
18. **Anders Brodin:** Time aspects on food hoarding in the willow tit - an evolutionary perspective.
19. **Johanna Mappes,** University of Jyväskylä: Maternal care and reproductive tactics in shield bugs.
20. **Kerstin Malm,** Sveriges Lantbruksuniversitet i Skara: Behaviour of parents and offspring in two canids.

21. **Thord Fransson:** Time and energy in long distance bird migration.
22. **Kristjan Lilliendahl:** Fattening strategies in wintering passerines.
23. **Björn Birgersson:** Maternal investment in male and female offspring in the fallow deer.
24. **Cecilia Kullberg:** Behaviour under predation risk in birds.
25. **Tommaso Pizzari,** University of Sheffield: Reproductive strategies in feral fowl, *Gallus gallus*.
26. **Anna Thessing:** Genetic and environmental factors influencing growth and survival in willow tits *Parus montanus*.
27. **Kenneth Ekvall:** Alloparental care and social dynamics in the fallow deer (*Dama dama*).
28. **Kenneth Nyström,** Göteborgs universitet: Foraging in relation to aspects of morphology, body condition, reproduction, and habitat variability in three bird species.
29. **Katariina Kiviniemi,** Botaniska institutionen, Stockholms Universitet: Evolution of seed attributes, dispersal and population dynamics of plants, with special emphasis on fragmented habitats.

## 2000 – 2009

30. **Olle Brick:** Risk assessment and contest behaviour in the Cichlid fish, *Nannacara anomala*.
31. **Maria Andersson,** Sveriges Lantbruksuniversitet i Skara: Domestication effects on behaviour.
32. **Annkristin H. Axén:** Behaviour of Lycaenid butterfly larvae in their mutualistic interactions with ants.
33. **Karin Schütz,** Sveriges Lantbruksuniversitet i Skara: Trade-off in resource allocation between behaviour and production in fowl.
34. **Ulf Norberg:** Evolution of dispersal and habitat exploration in butterflies.
35. **Johan Lind:** Adaptive body regulation in the life history of birds.
36. **Henrik Lange:** Social dominance and agonistic communication in the great tit.
37. **Susanna Hall:** Molt strategies in relation to migration in long-distance migrants.
38. **Karolina Westlund:** On post-conflict affiliation in humans and other primates - methodological considerations.
39. **Jonas Bergström:** The evolution of mating rates in *Pieris napi*.
40. **Charlie Cornwallis,** University of Sheffield: The reproductive tactics of male and female fowl, *Gallus gallus*.
41. **Anders Bergström:** Oviposition strategies in butterflies and consequences for conservation.
42. **Ulrika Kaby:** Attacking predators and fleeing prey: detection, escape and targeting behaviour in birds.
43. **Adrian Vallin:** On the protective value of conspicuous eyespots in Lepidoptera.
44. **Ulrika Alm Bergvall:** Food choice in fallow deer - experimental studies of selectivity.
45. **Hanne Løvlie:** Pre- and post-copulatory sexual selection in the fowl, *Gallus gallus*.
46. **Leena Arvanitis,** Botaniska institutionen Stockholms Universitet: Plant polyploidy and interactions with insect herbivores.
47. **Karin Enfjäll:** Mobility and emigration in butterflies.
48. **Maria Almbro:** Escape flight in butterflies.
49. **Ian Henshaw:** Avian migration: the role of geomagnetic cues.
50. **Marina Dimitrova:** Prey detection and natural selection on cryptic colouration.
51. **Magne Friberg:** The evolutionary ecology of niche separation → studies on the sympatric butterflies *Leptidea sinapis* and *Leptidea reali*.
52. **Rebecca Dean,** University of Oxford: Male ageing and sexual selection in the fowl.

## 2010 – 2019

53. **Martin Bergman:** The evolution of territoriality in butterflies.
54. **Aleksandra Johansen:** Seasonal change in defensive colouration in a shield bug.
55. **Mark Baynes,** University of Oxford: Strategic sperm allocation in the fowl *Gallus gallus*.
56. **Marianne Aronsson:** Colour patterns in warning displays.
57. **Andreas Rudh,** Uppsala University: Aposematism, Crypsis and population differentiation in the Strawberry poison frog.
58. **Martin Olofsson:** Antipredator defense in butterflies.
59. **Johanna Hedlund:** Climate change effects on migratory birds and on the ecology and behaviour of the willow warbler (*Phylloscopus trochilus*).
60. **Robert Stach:** Migratory routes and stopover behaviour in avian migration.
61. **Sandra Stålhandske:** Spring Phenology of Butterflies – The role of seasonal variation in life-cycle regulation.
62. **Tenna Toftegaard,** DEEP, Stockholm University: Temperature and the synchrony of plant-insect interactions.
63. **Anna Favati:** The relationship between personality and social dominance in the domestic fowl – a critical perspective.
64. **Baharan Kazemi:** Evolution of mimicry and aposematism explained: salient traits and predator psychology.
65. **Christina Hansen Wheat:** From wolf to dog: behavioural evolution during domestication.
66. **Elsa Fogelström:** DEEP, Stockholm University: Plant phenology in seasonal environments.

## 2020-

67. **Loke von Schmalensee:** Temperature variation in time and space, and its effects on insects.