

15. Publications and reports

15.1 Publications by members of staff in 1998

Birket, M., J. A. Pickett, L. J. Wadhams, C. M. Woodcock, H. Joop Prijs, G. Thomas, J. Trapman, K.-M. V. Jensen and J. B. Jespersen, 1998: Control Of dipteran pests of cattle: Development of a push-pull strategy *in* Proceedings from the 9th International Congress on Pesticide Chemistry, London 2-7 August 1998, 1.

Carlsen, M., 1998: Survival in *Microtus agrestis* in a predator exclusion experiment. Abstracts, Euro-American Mammal Congress, July 19-24, 1998, Santiago de Compostela, Spain, p. 310.

Danielsen, C., 1998: Population dynamics of *Lepidoglyphus destructor* (Schrank) (Acarina: Glycyphagidae) and its production of allergens in stored grain. Ph.D. thesis, University of Copenhagen, 75 pp.

Denholm I. and J. B. Jespersen, 1998: Insecticide resistance management in Europe: Recent developments and prospects. *Pesticide Science* **52**: 193-195.

Denholm I. and J. B. Jespersen, 1998: ENMARIA - a new initiative in European insecticide and acaricide resistance management. *Pesticide Outlook* **9**: 31-33.

Denholm I. and J. B. Jespersen, 1998: Introduction to the workshop and background to ENMARIA, pp. 11-17 *in* Gomez, C. & Sandoval, E.V. (eds): *Pesticide Resistance in Horticultural Crops*. Fudacion para la Investigacion Agraria an la Provincia de Almeria, 117 pp.

Erichsen, L.D., 1998: Billers populationsdynamik i slagtekyllingstalde (Populationdynamic of litter beetles in broiler flocks). Master of Science Thesis, Copenhagen University, 58 pp.

Hansen, L. S., 1998: Prospects for developing strategies for biological control of the Mediterranean flour moth *Ephestia kuehniella* in flour mills. Pp 33-37 *in* Adler, C. & M. Schoeller (eds.): *Proceedings Meeting Working Group on Integrated Protection of Stored Products*, Aug. 31-Sept. 2 1997. Zürich, Switzerland. *Bull. IOBC/WPRS* **21**(3), 173 pp.

Hansen, L.S., 1998: The common furniture beetle *Anobium punctatum* in Danish churches - pest densities and moisture contents monitored for three years. Pp 130-138 in Proceedings 3rd Nordic Symposium on Insect Pest Control in Museums, Stockholm, Sweden, September 24-26, 1998, 179 pp.

Hansen, L.S. and K.-M. V. Jensen, 1998: Heat treatment of the common furniture beetle *Anobium punctatum* (Coleoptera: Anobiidae) at temperatures between 45° and 54°C - under dry and humid conditions. Pp 36-41 in Proceedings 3rd Nordic Symposium on Insect Pest Control in Museums, Stockholm, Sweden, September 24-26, 1998, 179 pp.

Jensen, K.-M. V. and L. S. Hansen, 1998: Evaluation of chemical methods for prevention of damages to textiles due to Dermestidae and *Tineola bisselliella* (Lepidoptera: Tineidae). Pp 112-119 in Proceedings 3rd Nordic Symposium on Insect Pest Control in Museums, Stockholm, Sweden, September 24-26, 1998, 179 pp.

Jespersen, J. B. and K.-M. V. Jensen, 1998: Fluer og myg: ektoparasitter i Husdyrbruget i Parasitær Økologi, Jørn Grønvold (ed.): 151-168.

Kristensen M., V. Planchot, J. Abe and B. Svensson, 1998: Large-scale purification and characterization of barley limit dextrinase, a member of the α -amylase structural family. Cereal Chemistry **75** (4): 473-479.

Larsen, K. S., H. Leirs and J. Lodal, 1998: Palatability and toxicity tests of fipronil as a systemic insecticide in a rodenticide bait for rat and flea control. Acta Parasitológica Portuguesa **5** (1), 32.

Larsen, K. S. og A. M. Rasmussen, 1998: Fri os fra lopperne. Råd og Resultater **10**: 2-4.

Mortensen, T. S. and T. Steenberg, 1998: The potential of entomopathogenic nematodes as biological control agents of *Typhaea stercorea* (L.)(Coleoptera: Mycetophagidae) in broiler houses. IOBC Bulletin **21**(4): 197-202.

Nansen, C. , H. S. Pedersen and K. S. Larsen, 1998: Når kemien passer. Naturens Verden **3**: 81-88.

Nielsen, P. S., 1998: *Blattisocius tarsalis* (Berlese) Would this predatory mite be effective against moth eggs in Scandinavian flour mills? Pp. 83-87 in Adler, C. & M. Schoeller (eds.): Proceedings Meeting Working Group on Integrated Protection of Stored Products, Aug. 31-Sept. 2 1997. Zürich, Switzerland. Bull. IOBC/WPRS **21** (3), 173 pp.

Nielsen, P. S., 1998: Efficacy of a diatomaceous earth formulation on the larvae of *Ephestia kuehniella* Zeller. J. Stored Prod. Res. **34** (2/3): 113-121.

Nielsen, P. S. and H. Mourier, 1998: Skadedyr i Melmøller. Mider og insekter. Forebyggelses- og bekæmpelsesmetoder. Statens Skadedyrlaboratorium. CTH Grafisk A/S, 17 pp.

Pedersen, H. Skovgård and L. S. Hansen, 1998: Biological control with parasitic wasps at the Danish Pest Infestation Laboratory. Fødevareministeriet, 3 pp.

Rasmussen, A. M. og K. S. Larsen, 1998: Hovedlus. Ugeskrift for Læger **160/42-98**: 6057-6060.

Riedel, W. and T. Steenberg, 1998: Adult polyphagous coleopterans overwintering in cereal boundaries: winter mortality and susceptibility to the entomopathogenic fungus *Beauveria bassiana*. BioControl **43**: 175-188.

Svendsen, Tina S., 1998: Susceptibility of the hairy fungus beetle *Typhaea stercorea* (L.)(Coleoptera: Mycetophagidae) to four entomopathogenic nematode species (Rhabditida: Steinernematidae, Heterorhabditidae) in different substrates and suitability of the beetle for nematode propagation. Master of Science Thesis, Copenhagen University, 52 pp.

Storm, J. and O. Kilpinen, 1998: Modelling the subgenual organ of the honeybee, *Apis mellifera*. Biol. Cybern. **78**: 175-182.

Steenberg, T. and J. B. Jespersen, 1998: Microbial pest control in animal husbandry. IOBC Bulletin **21**(4): 25-29.

Steenberg, T. and K.-M. V. Jensen, 1998: Entomopathogenic fungi for control of German cockroach (*Blattella germanica*) and other synanthropic cockroaches. IOBC Bulletin **21**(4): 145-150.

Van Gulck, T., R. Stoks, R. Verhagen, C. A. Sabuni and H. Leirs, 1998: Short-term effects of avian predation variation on population size and local survival of the multimammate rat, *Mastomys natalensis*, (Rodentia, Muridae). *Mammalia* **62** (3): 329-339.

Vibe-Petersen, S., 1998: Laboratory rearing of the urine fly, *Scatella (Teichomyza) fusca*, and observations on feeding and oviposition on pig farms. *Entomologia Experimentalis et Applicata* **87**: 325-327.

Vibe-Petersen, S., 1998. Development, survival and fecundity of the urine fly, *Scatella (Teichomyza) fusca* and predation by the black dumpfly *Hydrotaea aenescens*. *Entomologia Experimentalis et Applicata* **87**: 157-169.

15.2 Appearances in the media

Larsen, K. S.: Headlice problems, DR Broadcasting, 18 January.

Larsen, K. S.: Headlice, Copenhagen Radio, 19 January.

Larsen, K. S.: Headlice problems, TV 2, 20 January.

Larsen, K. S.: Headlice problems, TV 3, 20 January.

Larsen, K. S.: Headlice problems in Græsted, Copenhagen Radio, 5 February.

Larsen, K. S.: Headlice problems in Græsted, TV 2 Lorry, 16 June.

Larsen, K. S.: Headlice problems, TV 2, 25 September.

Lodal, J.: Rats, damage caused by rats and rat control, TV Ishøj, 12 October.

Lodal, J.: Rats, rodenticides and resistance, DR TV1, 28 October.

Lodal, J.: Mice, traps for mice and other ways of controlling mice, Danish Broadcasting, 5 November.

15.3 Unpublished reports on laboratory tests and/or field trials

The reports are confidential except those marked *

- *-1998 Dickman, C.R., H.E.L. Leirs and I. Manwan. Project review of the projects "Management of rodent pests in southeast Asia" and "Management of rodent pests in Vietnam". Australian Center for International Agricultural Research, Canberra, 43 pp.
- 1-1998 Larsen, K. S.: Control of artificial cat flea infestations on cats with Program VetW (lufenuron) and CGA 246'916, 20 pp.
- 2-1998 Carlsen, M., J. Lodal and H. Leirs: Efficacy and palatability laboratory tests with bromadiolone wax blocks for rat control, 13 pp.
- 3-1998 Leirs, H. and J. Lodal: Efficacy and palatability laboratory tests with a difenacoum paste for rat control, 9 pp.
- 4-1998 Lodal, J.: Laboratorieforsøg med 0,01% bromadiolon drikkegift mod brun rotte (*Rattus norvegicus*), 4 pp.
- 5-1998 Lodal, J.: Laboratorieforsøg med alphachloraloseholdig pasta mod mus, 32 pp.
- *6-1998 Jespersen, J. B.: Retningslinier for fluebekæmpelse på gårde med husdyr i 1998, 7 pp.
- 7-1998 Larsen, K. S., H. Leirs and J. Lodal: Palatability and toxicity tests of fipronil as a systemic insecticide in a rodenticide bait for rat and flea control, 37 pp.
- 8-1998 Lauridsen, M. K. and J. B. Jespersen: Field trial with Baycidal WP25 (triflumuron) against litter beetles, especially *Alphitobius diaperinus* (Panzer), in a Danish parent flock poultry farm, 47 pp.
- 9-1998 Nansen C. and M. Kristensen: Evaluation of an insect repellent wrist band Bug Ban Myggebånd against *Aedes* mosquitoes in Denmark, 6 pp.

- 1-1999 Kristensen, M., A. Spencer and J. B. Jespersen: Biochemical and toxicological analysis of CGA-293 in susceptible and resistant strains of the housefly *Musca domestica*, 24 pp.
- 2-1999 Kristensen, M. and J. B. Jespersen: Larvicidal efficacy of CGA-293 in tests with two susceptible strains of the housefly *Musca domestica*, 6 pp.
- 3-1999 Larvicidal efficacy of dicyclanil in tests with two susceptible strains of the housefly *Musca domestica*, 6 pp.
- 4-1999 Lauridsen, M. K., J. B. Jespersen and M. Kristensen: Field evaluation of Fipronil Fly-bait Gel for control of the housefly *Musca domestica*, 34 pp.
- 5-1999 Kristensen, M. and J. B. Jespersen: Larvicidal efficacy of dicyclanil in tests with three resistant strains of the housefly *Musca domestica*. (9 pp.)
- 6-1999 Jespersen, J. B. and M. K. Lauridsen: Laboratory evaluation of NAF granular formulations for control of the housefly *Musca domestica*, 14 pp.