

## 15. Publications and reports

### 15.1 Publications by members of staff in 1999

Bergh, J. E., L. Stengård Hansen, K.-M. Vagn Jensen, P. V. Nielsen, 1999: Lethal exposure times of anoxic treatment of eight species of museum pests. Poster, 12th Triennial Meeting of ICOM CC (International Council of Museums Committee for Conservation), August 29-September 3, 1999, Lyon, France.

Bolbroe, T., L. L. Jeppesen and H. Leirs. Behavioural response of field voles under mustelid predation risk in the laboratory: more than neophobia. Abstracts of the 3rd European Congress of Mammalogy, 29 May - 3 June 1999, Jyväskylä, Finland, p.74.

Van Cakenberghe, V., F. De Vree and H. Leirs, 1999: The bats (Chiroptera) from Kikwit, Democratic Republic of the Congo. Abstracts of the International Symposium on African Small Mammals, 4-9 July 1999, Paris, France, p.27.

Van Cakenberghe, V., F. De Vree and H. Leirs, 1999: A collection of bats (Chiroptera) from Kikwit, Democratic Republic of Congo. *Mammalia*, **63(3)**:291-322.

Carlsen, M., J. Lodal, H. Leirs and T. S. Jensen, 1999: The effect of predation risk on body weight in the field vole *Microtus agrestis*. *Oikos*, **87(2)**:277-285.

Carlsen, M., 1999: The effect of predation on field vole *Microtus agrestis* populations in fragmented forest habitats. Ph.D. Thesis. Danish Pest Infestation Laboratory/University of Aarhus. 143 pp.

Carlsen, M., J. Lodal, H. Leirs and T. S. Jensen, 1999: The effects of predation on winter and spring body weights and onset of reproduction in *Microtus agrestis*. Abstracts, 3rd European Congress of Mammalogy, Jyväskylä, Finland, May 29-June 3, 1999, p. 84.

Denholm I. and J. B. Jespersen, 1999: Overview of insecticide resistance, pp. 26-35 in Denholm, I, & P. M. Ioannides (eds): Combating Insecticide Resistance. Proceedings of a Symposium on Combating Insecticide Resistance. Thessaloniki. 125 pp.

Hansen, L. Stengård, 1999: Insekter og mider i korn- og frølagre. *Effektivt Landbrug* **6**, p. 12.

Heiberg, A.-C. and H. Leirs, 1999: Population effects of anticoagulant rodenticide resistance in Norway rats. Abstracts of the 3rd European Congress of Mammalogy, 29 May - 3 June 1999, Jyväskylä, Finland, p. 123.

Heiberg, A.-C. and H. Leirs, 1999: Population effects of anticoagulant rodenticide resistance in Norway rats. Abstracts of the 2nd European Vertebrate Pest Management Conference, 6-8 September 1999, Braunschweig, Germany, p. 26.

Jespersen, J. B., T. Steenberg, O. Kilpinen, and H. Skovgaard, 1999: Arthropod pest problems in organic animal husbandry and methods for their control. Abstract for NJF-seminar No. 303: Ecological Animal Husbandry in the Nordic Countries, Horsens, Denmark.

Jespersen, J. B., T. Steenberg, O. Kilpinen and H. Skovgaard, 1999: Methods for biological control of arthropod pests in organic animal husbandry. Abstract for International Symposium Biological Control Agents in Crop and animal protection, Swansea, UK.

- Julliard, R., H. Leirs, N. C. Stenseth, N. G. Yoccoz, A.-C. Prévot-Julliard, R. Verhagen and W. Verheyen, 1999: Survival variation within and between functional categories of the African multimammate rat. *Journal of Animal Ecology*, **68**:550-561
- Kilpinen, O., 1999: A poster entitled "Effects of the chicken mite *Dermanyssus gallinae* on egg layers". The 17th International Conference of the World Association for the Advancement of Veterinary Parasitology in Copenhagen, Denmark.
- Kristensen M., J. B. Jespersen, A. G. Spencer, K.-M. Vagn Jensen, S. E. Jensen, L. M. Hansen, J. Clausen and S. A. Nielsen, 2000: Unødig højt forbrug af insektgifte. *Naturens Verden*. Særnummer Februar, 28-31.
- Kristensen M., F. Lok, V. Planchot, I. Svendsen, R. Leah and B. Svensson, 1999: Isolation and characterization of the gene encoding the starch debranching enzyme, limit dextrinase from germinating barley. *Biochimica et Biophysica Acta* **1431**: 538-546.
- Leirs, H., 1999: Populations of African rodents: models and the real world. *in*: Singleton, G., L. Hinds, H. Leirs and Zhang Zhibin (Eds) *Ecologically-based management of rodent pests*. ACIAR, Canberra, pp.388-408.
- Leirs, H., 1999: The rodent problem in Africa: challenges for ecologically-based management. Abstracts of the International Symposium on African Small Mammals, 4-9 July, Paris, France, p. 60.
- Leirs, H., G. Singleton and L. Hinds, 1999: Ecologically-based rodent management in developing countries: where to now? *in*: Singleton, G., L. Hinds, H. Leirs & Zhang Zhibin (Eds). *Ecologically-based management of rodent pests*. ACIAR, Canberra, 477-484.
- Leirs, H., J. Mills, J. W. Krebs, J. E. Childs, Dudu Akaibe, N. Woollen, G. E. Ludwig, C. J. Peters, T. G. Ksiazek, 1999: Search for the Ebola-reservoir in Kikwit: reflections on the vertebrate collection. *Journal of Infectious Diseases*, **179** (Suppl 1):S155-63.
- Lodal, J., 1999: The mole: A matter of control or conservation? *In Advances in Vertebrate Pest Management* (Eds D. P. Cowan & C. J. Feare), Filander Verlag, Fürth, p. 43-56.
- Lodal, J., 1999: Distribution and levels of anticoagulant resistance in rats (*Rattus norvegicus*) in Denmark. Abstracts, Second European Vertebrate Pest Management Conference, Braunschweig, Germany, September 6-8, p. 40.
- Mercelis, S., H. Leirs and R. Verhagen, 1999: The recolonisation of 'emptied' maize fields by rodents: implications for rodent control. Abstracts of the International Symposium on African Small Mammals, 4-9 July, Paris, France, p.118.
- Nielsen, B. O., C. Sommer, J. Bresciani, K.-M. Vagn Jensen, J. B. Jespersen and S. A. Nielsen, 1999: Fluer og myg i husdyrbruget. 2. Stikmyg. *Dansk Veterinærtidsskrift* **82**, 9 1/5: 398-401.
- Nielsen, P. S., 1999: The use of *Blattisocius tarsalis* (Berlese) (Acari:Ascidae) for biological control in flour mills. *In*: (Eds: Jin, Z., Liang, Q., Liang, Y., Tan, X. & Guan, L.) *Stored product protection*. Proceedings of the 7th International Working Conference on Stored-Product Protection. 14-19 October 1998. Beijing, P.R. China Vol. 2, pp. 1265-1268.
- Nielsen, P. S., 1999: The impact of temperatures on activity and consumption rate of moth eggs by *Blattisocius tarsalis* (Berlese) (Acari:Ascidae), a predatory mite on moth eggs. *Experimental & Applied Acarology*. **Vol. 23(2)**: 149-157.

- Nielsen, S. A., B. O. Nielsen, K.-M. Vagn Jensen, J. B. Jespersen, C. Sommer and J. Bresciani, 1999: Fluer og myg i husdyrbruget. 3. Mitter. Dansk Veterinærtidsskrift **82**, 12 15/6: 522-526.
- Palmer, R. J., O. P. Settnes, J. Lodal and A. E. Wakefield, 1999: Five different *formae speciales* of rat-derived *Pneumocystis carinii* found in Danish wild rats. Abstracts, 52nd Annual Meetings Society of Protozoologists and 6th International Workshop on Opportunistic Protists, Raleigh, North Carolina, USA, May 26-29, p. 39.
- Parrella, M. P., L. Stengård Hansen and J. C. van Lenteren, 1999: Glasshouse environments. Pp. 819-839 in: Bellows, T.S. & T.W Fischer (eds.): Handbook of Biological Control. Academic Press, San Diego, CA, USA. 1046 pp.
- Rasmussen, A. og K. S. Larsen, 1999: Et par gode råd om hovedlus. Apoteksassistenten **3**: 16-18.
- Singleton, G., L. Hinds, H. Leirs and Zhang Zhibin (Eds), 1999: Ecologically-based management of rodent pests. ACIAR Monograph 49, Canberra, 494 pp.
- Singleton, G., H. Leirs, L. Hinds and Zhang Zhibin, 1999: Ecologically-based management of rodent pests: re-evaluating our approach to an old problem. in: Singleton, G., L. Hinds, H. Leirs and Zhang Zhibin (Eds) Ecologically-based management of rodent pests. ACIAR, Canberra, pp. 17-29.
- Skov, M. N., A. G. Spencer, B. Hald, L. Petersen, B. Nauerby and M. Madsen, 1999: Kan biller overføre salmonella og campylobacter mellem to rotationer af slagtekyllinger? Abstract for Theme day on salmonella and broilers, Foulum, Denmark, 15 pp.
- Skovgård, H., N. Holst and P. Sejerø Nielsen, 1999: Simulation model of the Mediterranean flour moth (Lepidoptera: Pyralidae) in Danish flour mills. Environmental Entomology **28** (6): 1060-1066.
- Skovgård, H. and J. B. Jespersen, 1999: Activity and relative abundance of hymenopterous parasitoids that attack puparia of *Musca domestica* and *Stomoxys calcitrans* (Diptera: Muscidae) on confined pig and cattle farms in Denmark. Bulletin of Entomological Research **89**: 263-269.
- Sommer, C., B. O. Nielsen, J. Bresciani, K.-M. Vagn Jensen, J. B. Jespersen and S. A. Nielsen, 1999: Fluer og myg i husdyrbruget. 4. Klæger. Dansk Veterinærtidsskrift **82**, 13 1/7: 578-581.
- Spencer, A. G., J. B. Jespersen and M. Knorr Lauridsen, 1999: Biller i dansk fjerkræproduktion: Angrebsniveau, biologi og bekæmpelse. Abstract for Theme day on salmonella and broilers, Foulum, Denmark, 14 pp.
- Spencer, A. G., J. B. Jespersen and M. Knorr Lauridsen, 1999: Kan biller overføre salmonella og campylobacter mellem to rotationer af slagtekyllinger? Abstract for Theme day on salmonella and broilers, Foulum, Denmark.
- Steenberg, T. and K.-M. Vagn Jensen, 1999: Interaction between entomopathogenic fungi (Deuteromycotina: hyphomycetes) and the biology of German cockroaches (*Blattella germanica* (L.)) (Dictyoptera: blattellidae). Proc. 3rd International Conference on Urban Pests, Prague, Czech Republic, pp 621.
- Steenberg, T. and R. A. Humber, 1999: Entomopathogenic Potential of *Verticillium* and *Acremonium* Species (Deuteromycotina: Hyphomycetes). J. Invertebr. Pathol. **73**, 309-314.
- Vagn Jensen, K.-M. and R. Schenker, 1999: The impact of a single treatment with the chitin synthesis inhibitor lufenuron on German cockroach (*Blattella germanica* (L.) (dictyoptera: blattellidae)) populations. Proc. 3rd International Conference on Urban Pests, Prague, Czech Republic, pp 147-152.

Vagn Jensen, K.-M., J. B. Jespersen, B. O. Nielsen, C. Sommer, J. Bresciani, and S. A. Nielsen, 1999: Fluer og myg i husdyrbruget. 1. Kvægmyg. Dansk Veterinærtidsskrift **82**, 8 15/4: 348-350.

Vibe-Petersen, S. and H. Leirs, 1999: Prey dynamics of African rats under different predation pressure. Abstracts of the 3rd European Congress of Mammalogy, 29 May - 3 June, Jyväskylä, Finland, p. 232.

Vibe-Petersen, S. and H. Leirs, 1999: Predation in populations of *Mastomys natalensis*: potential for pest management? Abstracts of the International Symposium on African Small Mammals, 4-9 July 1999, Paris, France, p.61.

## 15.2 Appearances in the media

Lodal, J.: Rats, TV 2, 26 January.

Lodal, J.: Field voles and their damage caused to forest trees, TV 2, 17 March.

Rasmussen, A.: Danish Pest Infestation Laboratory in general, TVØST, April

Jensen, K.-M. V.: Interview about common black ants, Danish Broadcasting, 25 April.

Kristensen, M.: Mosquito biology and repellents, DR1 TV, 19Direkte, 10 June.

Kristensen, M.: Mosquito biology and repellents, TV2, Lorry, 24 June.

Kristensen, M.: Mosquito biology and repellents, DR, P1 radio, Postkort, 2 July.

Kristensen, M.: Mosquito biology and repellents, DR, P1 Leksikon, 27 July.

Lodal, J.: Mice, traps and rodenticides, Danish Broadcasting, 31 August.

Jespersen, J. B.: Insecticides, WDR, Germany, September.

Steenberg, T., H. Skovgaard and J. B. Jespersen: Assistance to Danish Broadcasting on video on the housefly. September.

Lodal, J.: Water vole, biology and control, Radio Mølleå, 9 September.

## 15.3 Unpublished reports on laboratory tests and/or field trials

The reports are confidential except those marked \*

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 Kristensen, M. and J. B. Jespersen: Larvicidal efficacy of dicyclanil in tests with two susceptible strains of the housefly *Musca domestica*, 6 pp.

4-1999 Lauridsen, M. Knorr, 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. Knorr Lauridsen: Laboratory evaluation of NAF granular formulations for control of the housefly *Musca domestica*, 14 pp.
- 7-1999 Lauridsen, M. Knorr and J. B. Jespersen: Laboratory evaluation of CGA 293 343 paint-on-bait for control of the housefly *Musca domestica*, 21 pp.
- \*8-1999 Jespersen, J. B.: Retningslinier for fluebekæmpelse på gårde med husdyr i 1999, 7 pp.
- 9-1999 Lauridsen, M. Knorr and J. B. Jespersen: Laboratory evaluation of Fipronil Fly-bait gel for control of the housefly *Musca domestica*, 21 pp.
- 10-1999 Lodal, J.: Undersøgelse af lyslederkabels modstandsdygtighed mod gnav af brune rotter (*Rattus norvegicus*), 54 pp.
- 11-1999 Kristensen, M. and J. B. Jespersen: Laboratory tests with fiprole RP 782 against susceptible and resistant strains of the housefly *Musca domestica*, 15 pp.
- \*12-1999 Rasmussen, A.-M. and K. Søholt Larsen: Spørgeskemaundersøgelse om hovedlus (*Pediculus capitis*) i Danmark, 37 pp.
- 13-1999 Lauridsen, M. Knorr and J. B. Jespersen: Laboratory evaluation comparing the previous and the new formulation of Fipronil Fly-bait gel for control of the housefly *Musca domestica*, 13 pp.
- 14-1999 Knorr, M. and J. B. Jespersen: Field evaluation of triflumuron-impregnated targets for control of the housefly *Musca domestica*, 36 pp.
- 15-1999 Kristensen, M. and J. B. Jespersen: Route of uptake of CGA-293 and azamethiphos in a susceptible and a multi-resistant strain of the housefly *Musca domestica*, 19 pp.
- 16-1999 Jensen, K.-M. Vagn and O. Kilpinen: Evaluering af tørret kvartssand til bekæmpelse af myrer, 7 pp.
- 17-1999 Jensen, K.-M. Vagn: Kakerlaktiltrækkende stoffer, 7 pp.
- 1-2000 Jespersen, J. B.: Retningslinier for fluebekæmpelse på gårde med husdyr i 2000, 7 pp.