

## 16. Publications and reports

### 16.1 Publications by members of staff in 1997/1998

Bekele, A. and H. Leirs, 1997: Population ecology of rodents of maize fields in Central Ethiopia. *Belgian Journal of Zoology* **127** (Suppl.1): 39-48.

Clark, F., D. Deadman, M. Greenwood and K. S. Larsen, (1997) A circadian rhythm of locomotor activity in the newly emerged *Ceratophyllus sciurorum*, *Med. Vet. Entomol.* **11**: 213-216.

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. 11-17. *in* Gomez, C. & Sandoval, E.V. (Eds.) *Pesticide Resistance in Horticultural Crops*, edited by Isabel M<sup>a</sup> Cuadrado Gómez and Elisa Viñuela Sandoval, 117 pp. Fundación para la Investigación Agraria en la Provincia de Almería.

Jensen, K.-M. Vagn, 1997: Kakerlakker - findes de ikke mere i Danmark?. *LevnedsmiddelBladet*: 16-17.

Jensen, T. K., 1997: Undersøgelser af markmusen *Microtus agrestis*' fødepræferencer under laboratorieforhold. Specialeopgave Statens Skadedyrlaboratorium 195-1996. 104pp.

Jespersen, J. B., 1997: Sådan holdes fluerne væk. *Hyologisk* **5-97**: 32-33.

Jespersen, J. B., 1997: De plagsomme fluer. *Råd & Resultater* **4-97**: 10-11.

Jespersen, J. B., 1997: Fluebekæmpelse på pelsdyrfarme. *Dansk Pelsdyravl* **7-97**: 326-328.

Jespersen, J. B. and K.-M. Vagn Jensen, 1998: Fluer og myg: Ektoparasitter i husdyrbruget. Kapitel 11, 151-168, i Parasitær Økologi, edited by J. Grønvold. DSR forlag, Frederiksberg C, p. 186.

Keller, S. and T. Steenberg, 1997: *Neozygites sminthuri* sp. nov. (Zygomycetes, Entomophthorales), a pathogen of the springtail *Sminthurus viridis* L. (Collembola, Sminthuridae). *Sydowia* **49**: (1):21-24.

Kilpinen, O. and J. Storm, 1997: Biophysics of the subgenual organ of the honeybee, *Apis mellifera*. *Journal of Comparative Physiology A* **181**: 309-318.

Kristensen, M., 1997: Alternatives to methyl bromide. Control of rodents on ship and aircraft. Nordic Council of Ministers. TemaNord 1997 **513**: 37 pp.

Kristensen, M., A. G. Spencer and J. B. Jespersen, 1998: Development and implementation of biochemical insecticide resistance detection in Danish field strains of *Musca domestica*. *Pesticide Science* **52**: 195-196.

Leirs, H., J. N. Mills and T. G. Ksiazek, 1997: Hunting Ebola virus in Kikwit: lessons for mammalogists. Abstracts of the 7th International Theriological Congress, Acapulco, Mexico, 213.

Larsen, K. S. and J. Lodal, 1997: Evaluation of systemic insecticides mixed in rodenticide baits for plague vector control. *Belgian Journal of Zoology*, **127** (suppl.1): 119-127.

Leirs, H. and E. Schockaert (Eds.), 1997: Rodent biology and integrated pest management in Africa. Proceedings of the international workshop held in Morogoro (Tanzania, 21-25 October 1996). *Belgian Journal of Zoology*, **127** (suppl.1): 180 pp.

Leirs, H., N. C. Stenseth, J. D. Nichols, J. E. Hines, R. Verhagen and W. Verheyen, 1997: Stochastic seasonality and nonlinear density-dependent factors regulate population size in an African rodent. *Nature*, **389**: 176-180.

Leirs, H. and N. C. Stenseth, 1997: Simulating and forecasting African *Mastomys* populations. Abstracts of the 7th International Theriological Congress, Acapulco, Mexico, 212.

Leirs, H., R. Verhagen, C. A. Sabuni, P. Mwanjabe and W. N. Verheyen, 1997: Spatial dynamics of *Mastomys natalensis* in a field-fallow mosaic in Tanzania. *Belgian Journal of Zoology*, **127** (suppl.1): 29-38.

Lodal, J., 1997: The mole: a matter of control or conservation. Abstracts, First European Vertebrate Pest Management Conference, 1-3 September 1997, York, UK, 42.

Lodal, J., 1997: Rotteresistens. Nyhedsbrev fra Statens Skadedyrlaboratorium og Miljøstyrelsen, 8 pp.

Mwanjabe, P. and H. Leirs, 1997: An early warning system for IPM-based rodent control in smallholder farming systems in Tanzania. *Belgian Journal of Zoology*, **127**(suppl.1): 49-58.

Rohrseitz, K. and O. Kilpinen, 1997: Vibration transmission characteristics of the legs of freely standing honeybees. *Zoology* **100**: 80-84.

Skovgård, H. and J. B. Jespersen, 1997: God fornuft holder fluerne i skak. *Økologisk Jordbrug*, **151**, 1 p.

Skovgård, H. and P. Päts, 1997: Reduction of stemborer damage by intercropping maize with cowpea. *Agriculture, Ecosystems and Environment* **62**: 13-19.

Spencer A. G., M. Kristensen and K.-M. Vagn Jensen, 1998: The biochemical detection of insecticide resistance in Danish field populations of the German cockroach *Blattella germanica* (Blattellidae). *Pesticide Science* **52**: 196-198.

Spencer A. G., N. R. Price and A. Callaghan, 1998: Malathion-specific resistance in a strain of the rust-red grain beetle *Cryptolestes ferrugineus* (Coleoptera: Cucujidae). *Bulletin of Entomological Research* **88**: 199-206.

Vibe-Petersen, S., 1997: Laboratory rearing of the urine fly *Teichomyza fusca* and observations on feeding and oviposition habits on confined pig farms in Denmark. *Specialeopgave Statens Skadedyrlaboratorium*. 34 pp.

## 16.2 Appearances in the media

Hansen, L. S.: Aspects of pest allergens, Danish Broadcasting, 26 January.

Larsen, K. S.: Headlice and resistance problems, DR TV1, 22 June.

Larsen, K. S.: Headlice; before and now, Danish Broadcasting, 3 July.

Larsen, K. S.: Headlice problems, Danish Broadcasting, 25 August.

Larsen, K. S.: Headlice biology and control, Danish Broadcasting, 4 September.

Larsen, K. S.: Headlice problems, TV Danmark and TV2, 27 November.

Lodal, J.: Rats as pests, Danish Broadcasting, 26 January.

Lodal, J.: Traps for rats and mice, TV2, 6 May.

Lodal, J.: Traps for rats and mice, TV3, 6 May.

Lodal, J.: Traps for rats and mice, TV Danmark, 6 May.

Lodal, J.: Mice: damage and control, TV2 Bornholm, 9 September.

Lodal, J.: Rats: rat control and resistance problems, Danish Broadcasting, 20 September.

Lodal, J.: Rats and rat control, DR TV1, 26 November.

Nielsen, P. S.: Household pests, Danish Broadcasting, 13 March.

### **16.3 Unpublished reports on laboratory tests and/or field trials**

The reports are confidential except those marked \*

1-1997 Lauridsen, M. K., and J. B. Jespersen: Rapport over biologisk afprøvning af Kill-it Staldspray N. (4 pp.)

2-1997 Lauridsen, M. K., and J. B. Jespersen: Preliminary field evaluation of KBJ 2119 for control of the housefly *Musca Domestica*. (14 pp.)

- 3-1997 Jensen, K.-M. V.: Field studies on the response of *Lasius niger* to two chlorpyrifos formulations. (21 pp.)
- 4-1997 Larsen, K. S. and J. Lodal: Rodent biology and integrated pest management in public health and agriculture in East Africa. (11 pp.)
- 5-1997 Jensen, K.-M. V., and J. B. Jespersen: Eighth Report on Semiochemicals. (11 pp.)
- 6-1997 Lodal, J.: Laboratorieundersøgelser med brun rotte (*Rattus norvegicus*) over palatabilitet og effektivitet af voksblokke med warfarin, bromadiolon og coumatetralyl. (16 pp.)
- 7-1997 Lauridsen, M. K., and J. B. Jespersen: Comparison between two azamethiphos bait formulations for control of the housefly, *Musca domestica*. (19 pp.)
- 8-1997 Jespersen, J. B.: Retningslinier for fluebekæmpelse på gårde med husdyr 1997. (7 pp.)
- 9-1997 Lodal, J.: Laboratorieforsøg med rottefælde. (49 pp.)
- 10-1997 Leirs, H. and J. Lodal: Mammals crossing the fixed link over Øresund: Problems and management. Preliminary considerations. (12 pp.)
- 11-1997 Lauridsen, M. K. and J. B. Jespersen.: Laboratory tests with CGA-X against susceptible and resistant strains of the housefly *Musca domestica*. (15 pp.)
- 12-1997 Larsen, K. S.: Control of artificial cat flea infestation on cats with Program VetW (lufenuron) and CGA 246'916. (22 pp.)
- 13-1997 Lodal, J.: Determination of acute oral LD<sub>50</sub> of difenacoum against the roof rat *Rattus rattus*. (15 pp.)
- 14-1997 Nansen, C. and M. Kristensen: Evaluation of a *Eucalyptus globulus* based repellent against *Aedes* mosquitoes in Denmark. (14 pp.)

- 15-1997 Jespersen, J. B. and M. K. Lauridsen: Laboratory tests with fipronil against susceptible and resistant strains of the housefly *Musca domestica*. (14 pp.)
- 16-1997 Lauridsen, M. K. and J. B. Jespersen: Laboratory test with fiprole 107 382 against susceptible and resistant strains of the housefly *Musca domestica*. (14 pp.)
- 17-1997 Lodal, J.: Screeningsforsøg med 8 forskellige bromadiolon drikke-gifte på brun rotte (*Rattus norvegicus*). (14 pp.)
- 18-1997 Jensen, K.-M. V. and J. B. Jespersen: Ninth Report on Semiochemicals. (39 pp.)
- 19-1997 Lodal, J.: Laboratorieforsøg med 0,01% bromadiolon drikkegift mod brun rotte (*Rattus norvegicus*). (3 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.)
- \*-1998 Dickman, C.R., H.E.L. Leirs & I. Manwan. Project review of projects "Management of rodent pests in southeast Asia" and "Management of rodent pests in Vietnam". Australian Center for International Agricultural Research, Canberra, 43 pp.