

Acarology Bulletin

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A Newsletter of the **SYSTEMATIC AND APPLIED ACAROLOGY SOCIETY**

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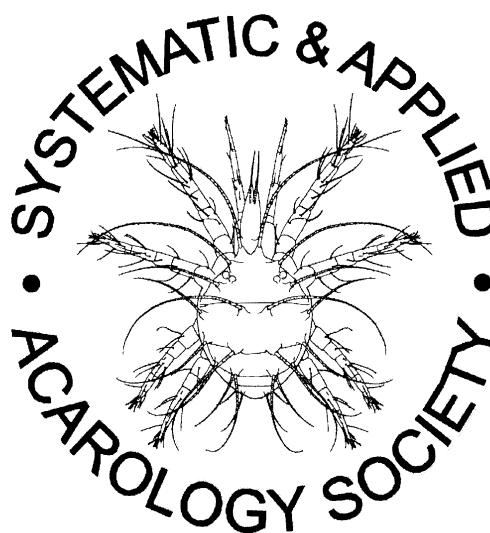
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Acarological News

XIIth INTERNATIONAL CONGRESS OF ACAROLOGY

Amsterdam, The Netherlands, 21–26 August 2006

SECOND CIRCULAR

We invite you to register and attend the 12th International Congress of Acarology, to be held in Amsterdam, The Netherlands, from Monday 21 until Saturday 26 August 2006. We look forward to meeting in Amsterdam anyone with a keen interest in mites and/or ticks.

Fee

280 Euro Early registration, until 1 April 2006

100 Euro On request for those with insufficient financial means (e.g. MSc-students, retired acarologists – final decision by the local organizing committee)

Congress venue

The Congress will be held in the centre of the city, in and nearby the Auditorium of the University of Amsterdam

Language

English

Program

The Congress program will include invited presentations, contributed papers, posters and workshops, covering the various aspects of acarology. The organizers allocate the submitted presentations to specific sessions and symposia.

Abstract submission

Anyone interested to present his/her work is invited to submit a concise abstract. An abstract should reflect the general content of the presentation, including research question(s) and main results and conclusions. Abstracts should not exceed 500 words. In addition a brief title and the authors' names and affiliations should be given. There are no style prescriptions. All abstracts will be edited by the organizers. Please, send your abstract as soon as possible, but not later than 1 May 2006 to: ica2006@science.uva.nl

Organizing committee

Maurice Sabelis (President), Martijn Egas (Secretary), Hans Breeuwer, Jan Bruin (Proceedings), Arne Janssen and Iza Lesna.

Suggestions and special requests

ica2006@science.uva.nl

<http://www.acarology.org/~ica2006/>

ASA Annual Meeting Information

November 6, 2005, in Fort Lauderdale, Florida

Morning Session

ASA Formal Seminar

Invasive Mite and Tick Species

Organizer: R. Ochoa, Systematic Entomology Lab., USDA, 10300 Baltimore Av., BARC-West, Bldg. 005, Room 137, Beltsville, Maryland 20705, USA.

8: 20 am. Introduction

8:30 am. What about Eriophyoid saliva? Enrico DeLillo and Montera Rosita, Dipartimento di Biologia e Chimica Agroforestale e Ambientale (DIBCA), Sezione di Zoologia ed Entomologia, Facoltà di Agraria, Università degli Studi di Bari, via Amendola, 165/a, 70126 Bari, Italy

9:05 am. Dispersal of Eriophyoid mites (Acari: Prostigmata). James Amrine, Division of Plant & Soil Sciences, College of Agriculture & Forestry, West Virginia University, Morgantown, WV 26506, USA

9:40 am. Canestriniids introduced to Japan with lucanid beetles. Kimiko Okabe Forestry & Forest Products Research Institute, P.O.Box 16, Norin Kenkyu-danchi, Ibaraki 305-8687, JAPAN and Koichi Goka NIES, JAPAN

10:15 am. BREAK

10:25 am. Invasive mites a challenge to Florida and the United States. Calvin Welbourn, Florida Department of Agriculture & Consumer Services, Division of Plant Industry, Bureau of Entomology, Plant Pathology & Nematology, P.O. Box 147100, Gainesville, FL 32614-7100

11:00 am. Invasive ticks a threat to native and domestic animals. Michael Burrige, Department of Pathobiology, College of Veterinary Medicine, University of Florida, Gainesville, FL 32611

11:35 am. *Steneotarsonemus* spp. a new threat to the U.S. R. Ochoa, Systematic Entomology Lab., USDA, 10300 Baltimore Av., BARC-West, Bldg. 005, Room 137, Beltsville, Maryland 20705, USA, and Denise Navia, EMBRAPA - Recursos Geneticos e Biotecnologia, SAIN Parque Rural W3 Norte (final), Cx. Postal 02372, 70770-900 Brasilia, DF, Brasil

12:10 am. Closing Comments

Afternoon Session

ASA Submitted Papers

Current Advances in Acarology

Moderators: David James, Department of Entomology, Washington State University, Irrigated Agriculture Research and Extension Center, 24106 North Bunn Road, Prosser, Washington 99350, and Norman Fashing, Department of Biology, College of William and Mary, Williamsburg, VA 23185.

1:30 pm. Introductory Remarks.

1:35 pm. The experimental transmission of West Nile Virus by North American ticks. Joel Hutcheson, Foothills Research Campus, Colorado State University, Fort Collins, CO 80523-1692. (Canceled)

1:47 pm. Partial characterization of the cuticle in *Dermacentor variabilis*. C. Cramer, R. A. Blaudow, W. Johnson, and L. B. Coons, University of Memphis, Memphis, TN 38152

1:59 pm. A new automated method for feeding ticks in the laboratory through membranes. R. De la Vega, Dept of Development and Research, LABIOFAM, Apartado 34, General Peraza, CP 19210, Ciudad Habana, Cuba

2:11 pm. Chaetodactylid mites (Acari: Chaetodactylidae) of North America. P. B. Klimov and Barry M. OConnor. University of Michigan, Museum of Zoology, 1109 Geddes Avenue, Ann Arbor, MI

2:23 pm. Generic analysis of canestriniid mites associated with lucanid beetles based on molecular phylogeny. K. Okabe and K. Goka, Forestry and Forest Products Research Institute, Tsukuba, Ibaraki, 305-8687 Japan

2:35 pm. Oribatid mites found on hair sheep pasture grass on St Croix U. S. Virgin Islands. E. Panitz, R. Dodson and R. Godfrey. University of the Virgin Islands, RR02 Box 10000, Kingshill, St Croix 00850, US Virgin Islands

2:47 pm. BREAK

2:59 pm. Coevolutionary and biogeographical histories of laelapid mites associated with muroid rodents. A. P. G. Dowling, University of Michigan, Museum of Zoology and Department of Ecology and Evolutionary Biology, 1109 Geddes Ave, Ann Arbor, MI

3:11 pm. Phylogeny of *Leptotrombidium* (Trombiculidae) with consideration of biogeography, hosts and disease transmission. F. M. McAloon, University of Connecticut, Department of Ecology and Evolutionary Biology, 75 N Eagleville Rd U-43, Storrs, CT

3:23 pm. Microbial diversity in the predatory mite, *Galendromus occidentalis* (Acari: Phytoseiidae) and its prey, *Tetranychus urticae* (Acari: Tetranychidae). M. A. Hoy, Department of Entomology & Nematology, POB 110620, Bldg. 970, University of Florida, Gainesville, FL 32611

3:35 pm. Injurious mites to economic plants in India. R. Sing, Banaras Hindu University, Varanasi, UP 221-005, India

3:47 pm. Interactions between mites, plants and sulfur in Californian vineyards. M. J. Costello, California Polytechnic State University, Department of Horticulture and Crop Science, San Luis Obispo, CA 93407

3:59 pm. Biological studies on spider mite predators *Stethorus* spp. in Washington State's hops and grapes, S. C. Castle and D. G. James, Department of Entomology, Washington State University, Irrigated Agriculture Research and Extension Center, 24106 North Bunn Road, Prosser, Washington 99350

4:11 pm. Spider mite (Acari: Tetranychidae) biocontrol in Washington State's vineyards: Role of pesticide and phytoseiid mites. D. A. Prishmann, D. G. James, and W. E. Snyder, Department of Entomology, Washington State University, Irrigated Agriculture Research and Extension Center, 24106 North Bunn Road, Prosser, Washington 99350

4:23 pm. Concluding Remarks

4:28 pm. Acarology Society of America Business Meeting

Norm Fashing (College of William and Mary, njfash@wm.edu)

Acarological Organizations

THE CANADIAN NATIONAL COLLECTION (CNC) OF ACARI

The Canadian National Collection of Acari, including mites and ticks, is by far the largest such collection in Canada. Excepting taxa of ticks and mites parasitic on vertebrates, it is the largest collection of Acari in North America and perhaps the world.

Approximately three million specimens of Acari (including some two million water mites) are curated and preserved in alcohol (or in the case of most water mites in modified Koenike's solution) in 50 cabinets, and about 350,000 slide preparations of mites and larval ticks are curated and mounted in Hoyer's medium (or in the case of most water mites in glycerine jelly) in over 600 linear feet (ca 200 linear meters) of slide boxes and slide cabinets. About 70% of the collection is curated to the genus level. Curation to the species or species group level varies greatly, depending largely on whether revisions for particular families are available for the North American fauna. For example, about 95% of the collection of well-known families of ticks is curated to the species level whereas about 20% of the collection of families of Eupodoidea are so curated. These collections include about 1000 primary types, including more than 500 primary types of water mites, in part through the indefinite deposition of most of the extensive water mite collections of U.S. researchers of R. Mitchell and D. Cook, and the long-term loan of the water mite collection of H. Habeeb from the New Brunswick Museum. The collections of Phytoseiidae developed by D. Chant and most of the Acari diversi by H. Nesbitt (retired Canadian researchers) are also housed in the CNC. In addition, the mite collections formerly housed at the Royal Ontario Museum in Toronto are now part of the CNC.

Specimens of ticks are mostly from temperate and boreal areas of North America, primarily in Canada. The holdings of mites represent a much broader coverage of North America as a whole, including substantial material from Mexico. Considerable material from Central and South America and a scattering of material from Europe, Asia and elsewhere is also included. There are large holdings of free-living mites from arctic localities in North America and Russia.

E. E. Lindquist

ACARI SYSTEMATICS AT THE UNIVERSITY OF MICHIGAN

The UMMZ Insect Division houses a world-class collection with over 4.5 million specimens from all over the globe. An emphasis on specific taxonomic groups has produced outstanding collections of the Acari, Orthoptera, and Odonata, and to a lesser extent, the Homoptera, Coleoptera and Lepidoptera. The aquatic groups and a significant portion of the mite collection are databased and there is an ongoing effort to make the rest of the collection digitally accessible.

The Insect Division is dedicated to studying biodiversity and maintains active collections that are continually growing. In addition to discovering and describing new species, their collections are used in a variety of evolutionary and ecological research, ranging from phylogenetics and systematics, host-parasite interactions, sexual selection, patterns of biodiversity, historical biogeography, phylogeography and speciation.

THE TICK RESEARCH LABORATORY AT THE UNIVERSITY OF RHODE ISLAND

The Laboratory is a nonprofit adjunct of the Department of Fisheries, Animal and Veterinary Science. Major funding comes from the RI Agricultural Experiment Station. They are devoted to the study of various aspects of tick-borne diseases, especially Lyme disease, including epidemiology, prevention and control strategies.

Since 1983, research on ticks and other ectoparasites of both mammals and birds has been in progress in this laboratory, and the results have been reported in scientific literature and at professional meetings. This work has been supported by various governmental and private agencies.

<http://riaes.cels.uri.edu/resources/ticklab/>

Contents of journals

Experimental and Applied Acarology

Volume 36, Number 1, May 2005

- Bouras, S. & Papadoulis, G. (2005) Influence of selected fruit tree pollen on life history of *Euseius stipulatus* (Acari: Phytoseiidae). 36(1), 1–14.
- Mori, K., Saito, Y., Sakagami, T. & Sahara, K. (2005) Inbreeding depression of female fecundity by genetic factors retained in natural populations of a male-haploid social mite (Acari: Tetranychidae). 36(1), 15–23.
- Osakabe, M., Goka, K., Toda, S., Shintaku, T. & Amano, H. (2005) Significance of habitat type for the genetic population structure of *Panonychus citri* (Acari: Tetranychidae). 36(1), 25–40.
- Wekesa, V.W., Maniania, N.K., Knapp, M. & Boga, H.I. (2005) Pathogenicity of *Beauveria bassiana* and *Metarhizium anisopliae* to the tobacco spider mite *Tetranychus evansi*. 36(1), 41–50.
- Humeres, E.C. & Morse, J.G. (2005) Baseline susceptibility of perseia mite (Acari: Tetranychidae) to abamectin and milbemectin in avocado groves in Southern California. 36(1), 51–59.
- Teodoro, A.V., Fadini, M.A.M., Lemos, W. P., Guedes, R.N.C. & Pallini, A. (2005) Lethal and sub-lethal selectivity of fenbutatin oxide and sulfur to the predator *Iphiseiodes zuluagai* (Acari: Phytoseiidae) and its prey, *Oligonychus ilicis* (Acari: Tetranychidae), in Brazilian coffee plantations. 36(1), 61–70.

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- Cabrera, A.R., Cloyd, R.A. & Zaborski, E.R. (2005) Development and reproduction of *Stratiolaelaps scimitus* (Acari: Laelapidae) with fungus gnat larvae (Diptera: Sciaridae), potworms (Oligochaeta: Enchytraeidae) or *Sancassania* aff. *sphaerogaster* (Acari: Acaridae) as the sole food source. 36(1), 71–81.
- Villanueva, R., Rodrigues, J. & Childers, C. (2005) Larval *Cryptothelea gloverii* (Lepidoptera: Psychidae), an arthropod predator and herbivore on Florida citrus. 36(1), 83–92.
- Sánchez-ramos, I. & Castañera, P. (2005) Effect of temperature on reproductive parameters and longevity of *Tyrophagus putrescentiae* (Acari: Acaridae). 36(1), 93–105.
- Mizoguchi, A., Murakami, K., Shimizu, N., Mori, N., Nishida, R. & Kuwahara, Y. (2005) S-isorobinal as the female sex pheromone from an alarm pheromone emitting mite, *Rhizoglyphus setosus*. 36(1), 107–117.
- Montasser, A.A., Gadelhak, G.G. & Tariq, S. (2005) Impact of ivermectin on the ultrastructure of the testis of *Argas (Persicargas) persicus* (Ixodoidea: Argasidae). 36(1), 119–129.
- Liu, J., Liu, Z., Zhang, Y., Yang, X. & Gao, Z. (2005) Biology of *Dermacentor silvarum* (Acari: Ixodidae) under laboratory conditions. 36(1), 131–138.
- Beldomenico, P.M., Lareschi, M., Nava, S., Mangold, A.J. & Guglielmone, A.A. (2005) The parasitism of immature stages of *Ixodes loricatus* (Acari: Ixodidae) on wild rodents in Argentina. 36(1), 139–148.
- Labruna, M., Jorge, R., Sana, D., Jácomo, A., Kashivakura, C., Furtado, M., Ferro, C., Perez, S., Silveira, L., Santos J.R.T., Marques, S., Morato, R., Nava, A., Adania, C., Teixeira, R., Gomes, A., Conforti, V., Azevedo, F., Prada, C., Silva, J., Batista, A., Marvulo, M., Morato, R., Alho, C., Pinter, A., Ferreira, P., Ferreira, F. & Barros-Battesti, D. (2005) Ticks (Acari: Ixodida) on wild carnivores in Brazil. 36(1), 151–165.
- First Circular. 36(1), 165–165.

Volume 36, Number 3, September 2005

- Groot, T.V.M., Janssen, A., Pallini, A. & Breeuwer, J.A.J. (2005) Adaptation in the Asexual False Spider Mite *Brevipalpus phoenicis*: Evidence for Frozen Niche Variation. 36(3), 165–176.
- Marcic, D. (2005) Sublethal Effects of Tebufenpyrad on the Eggs and Immatures of Two-Spotted Spider Mite, *Tetranychus urticae*. 36(3), 177–185.

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- Pappas, M.L., Broufas, G.D. & Koveos, D.S. (2005) Mating behavior of the predatory mite *Kampimodromus aberrans* (Acari: Phytoseiidae). 36(3), 187–197.
- Perrucci, S, Rossi, G, Fichi, G & O'Brien, D. J. (2005) Relationship between *Psoroptes cuniculi* and the Internal Bacterium *Serratia marcescens*. 36(3), 199–206.
- Sonenshine, D.E., Hynes, W.L., Ceraul, S.M., Mitchell, R. & Benzine, T. (2005) Host Blood Proteins and Peptides in the Midgut of the Tick *Dermacentor variabilis* Contributeto Bacterial Control. 36(3), 207–223.
- Mohammed, A.S., Elmalik Khitma, H. & Hassan, S.M. (2005) Drop off rhythm and survival periods of *Amblyomma lepidum* (Acari: Ixodidae) under field conditions. 36(3), 225–232.
- Estrada-Peña, A. & Santos-Silva, M.M. (2005) The distribution of ticks (Acari: Ixodidae) of domestic livestock in Portugal. 36(3), 233–246.
- Nishimura, S., Hinomoto, N. & Takafuji, A. (2005) Isolation, Characterization, Inheritance and linkage of Microsatellite Markers in *Tetranychus kanzawai* (Acari: Tetranychidae). 36(3), 247–247.

Volume 36, Number 4, August 2005

- Enigl, M., Zchori-Fein, E. & Schausberger, P. (2005) Negative Evidence of *Wolbachia* in the Predaceous Mite *Phytoseiulus persimilis*. 36(4), 249–262.
- Nomikou, M., Meng, R., Schraag, R., Sabelis, M.W. & Janssen, A. (2005) How predatory mites find plants with whitefly prey. 36(4), 263–275.
- Kuczy ski, L. & Skoracka, A. (2005) Spatial Distribution of Galls Caused by *Aculus tetanothrix* (Acari: Eriophyoidea) on Arctic Willows. 36(4), 277–289.
- Ito, K. (2005) Development Times Under Long- and Short-Day Conditions in the Kanzawa Spider Mite *Tetranychus kanzawai* (Acari: Tetranychidae). 36(4), 291–304.
- Lekimme, M., Leclercq-Smekens, M., Devignon, C., Leclipteux, T., Poumay, Y. & Losson, B. (2005) Ultrastructural Morphology of the Male and Female Genital Tracts of *Psoroptes* spp. (Acari: Astigmata: Psoroptidae). 36(4), 305–324.
- Venzal, J.M., Félix, M.L., Olmos, A., Mangold, A.J. & Guglielmone, A.A. (2005) A Collection of Ticks (Ixodidae) from Wild Birds in Uruguay. 36(4), 325–331.

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- Wirth, S. (2005) Transformations of copulatory structures and observations on the male polyphenism in the phylogeny of the Histiostomatidae (Acari: Astigmata). 31(2), 91–100.
- Mironov, S.V. & Wauthy, G. (2005) A new feather mite species of the genus *Hyonyssus* Gaud and Mouchet, 1959 (Astigmata: Pteronyssidae) from the Tit-hylia, *Pholidornis rushiae* Hartlaub, 1857 (Passeriformes: Remizidae), in Cameroon. 31(2), 101–106.
- Moraza, M.L., Peña-Estévez, M.A. & Ferragut, F. (2005) Two new species of *Neoseiulella* Muma of the Canary Islands (Acari: Phytoseiidae). 31(2), 107–112.
- Faraji, F. & Karg, W. (2005) A new species of *Lasioseius* Berlese from France (Acari: Podocinidae). 31(2), 113–117.
- Khanjani, M. & Ueckermann, E.A. (2005) *Hypoaspis (Hypoaspis) polyphyllae* n. sp. (Mesostigmata: Laelapidae) parasitic on larvae of *Polyphylla olivieri* Castelnau (Coleoptera: Scarabaeidae) in Iran. 31(2), 119–122.
- Khanjani, M. & Ueckermann, E.A. (2005) A new larval species of *Erythraeus (Zaracarus)* (Acari: Erythraeidae) from west Iran. 31(2), 123–128.
- Hong, X.-Y., Xue, X.-F. & Hajizadeh, J. (2005) Two new species and two new records of eriophyid mites (Acari: Eriophyoidea: Eriophyidae) from Iran. 31(2), 129–132.
- Craemer, C., Amrine, Jr. J.W., De Lillo, E. & Stasny, T.A. (2005) Nomenclatural changes and new synonymy in the genus *Diptilomiopus* Nalepa, 1916 (Acari: Eriophyoidea: Diptilomiopidae). 31(2), 133–136.
- Amrine, Jr. J.W. & Stasny, T.A. (2005) The genus *Epitrimerus* Nalepa, 1898 and the pear rust mite, *Epitrimerus pyri* (Nalepa, 1898) (Prostigmata: Eriophyidae). 31(2), 137–141.
- Uppstrom, K. & Klompen, H. (2005) A new species of *Julolaelaps* (Acari: Iphiopsididae) from African millipedes. 31(2), 143–147.
- Zannou, I.D., Hanna, R., De Moraes, G.J., Kreiter, S., Phiri, G. & Jone, A. (2005) Mites of cassava (*Manihot esculenta* Crantz) habitat in southern Africa. 31(2), 149–164.
- Hernández-Abarca, J.T., Otero-Colina, G., Vera-Graziano, J., Carrillo-Sánchez, J.L., Alvarado-Rosales, D & Aranda-Escobar, E. (2005) Life tables and thermal constants of *Pediculaster mesembrinae* (Acari: Siteroptidae) fed on the fungus, *Trichoderma harzianum* Rifai. 31(2), 165–170.
- Hoshiya, H., Takahashi, M., Misumi, H. & Urakami, H. (2005) Chromosome studies of *Leptotrombidium akamushi* and *L. scutellare* (Acari: Trombiculidae) in Japan. 31(2), 171–174

- Yoder, J.A., Benoit, J.B., Ark, J.T. & Rellinger, E.J. (2005) Temperature-induced alteration of cuticular lipids are not required for transition phenomenon in ticks. 31(2), 175–181.
- News. 31(2), 182.
- Index. 31(2), 183–184.

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- Bjørnson, S. (2005) The diversity of microorganisms associated with the phytoseiid, *Phytoseiulus persimilis* (Acari: Mesostigmata). 10, 3–6.
- Ji, J., Zhang, Y., Chen, X. & Lin, J. (2005) Laboratory population life table of *Amphitetranychus viennensis* (Zacher) (Acari: Tetranychidae) at different temperatures. 10, 7–10.
- Chen, W., Fu, Y., Zhang, F. & Peng, Z. (2005) Effect of different varieties of litchi on the development and reproduction of *Oligonychus biharensis* (Hirst). 10, 11–16.
- Labruna, M.P., Camargo, L.M.A., Terrassini, F.A., Ferreira, F., Schumaker, T.t.S. & Camargo, E.P. (2005) Ticks (Acari: Ixodidae) from the state of Rondônia, western Amazon, Brazil. 10, 17–32.
- Guglielmone, A.A., Romero, J., Venzal, J.M., Nava, S., Mangold, A.J. & Villavicencio, J. (2005) First record of *Haemaphysalis juxtakochi* Cooley, 1946 (Acari: Ixodidae) from Peru. 10, 33–35.
- Guglielmone, A.A., Gonzalezacuna, D., Autino, A.G., Venzal, J.M., Nava, S. & Mangold, A.J. (2005) *Ixodes sigelos* Keirans, Clifford & Corwin, 1976 (Acari: Ixodidae) in Argentina and southern Chile. 10, 37–40.
- Błoszyk, J., Halliday, R.B. & Dylewska, M. (2005) *Acroseius womersleyi* gen. nov., sp. nov., a new genus and species of Uropodina from Australia (Acari: Trachytidae). 10, 41–60.
- Gwiazdowicz, D.J. & Walter, D.E. (2005) *Gamasellodes tatricus* sp. nov. (Acari: Ascidae) from Poland. 10, 61–66.
- Baker, A.S. (2005) *Psorergatoides nyctali* (Prostigmata: Psorergatidae), a new mite species parasitizing the bat *Nyctalus noctula* (Mammalia: Chiroptera) in the British Isles. 10, 67–74.
- Khanjani, M. & Ueckermann, E.A. (2005) Redescription and new record of *Aplonobia karadagi* (Mitrofanov & Strunkova) from Iran (Acari: Tetranychidae). 10, 75–81.

- Lin, J.-Z. & Zhang, Z.-Q. (2005) New Zealand species of *Fungitarsonemus* Cromroy (Acari: Tarsonemidae). 10, 83–110.
- Seeman, O.D. & Nahrung, H.F. (2005) New *Parobia* (Acari: Podapolipidae) parasitic on pestiferous paropsine beetles (Coleoptera: Chrysomelidae) in eucalypt plantations. 10, 111–135.
- Pesic, V., Saboori, A. & Asadi, M. (2005) New records of water mite species (Acari, Hydrachnidia) from Iran, with the description of one new species. 10, 137–147.
- Saboori, A. & Hajiqanbar, H. (2005) A new species of larval *Abrolophus* (Acari: Erythraeidae) from Iran. 10, 149–154.
- Zhang, Z.-Q. & Fan, Q.-H. (2005) A new genus of Neothrombiidae (Acari: Trombidioidea) from New Zealand. 10, 155–162.
- Saboori, A., Ueckermann, E. & Van Harte, A. (2005) A new genus and species of larval mite (Acari: Microtrombidiidae) from Yemen. 10, 163–168.
- Wen, T.-H. (2005) Walchiid sand-mites in Xizang Autonomous Region (Tibet) of China with description of a new species of the genus *Schoengastiella* (Acariformes: Walchiidae). 10, 169–196.
- Zhang, Z.-Q. (2005) Postscript: A decade of Systematic & Applied Acarology. 10, 197–200.

Change of address

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