

Acarology Bulletin

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A Newsletter of the SYSTEMATIC AND APPLIED ACAROLOGY SOCIETY

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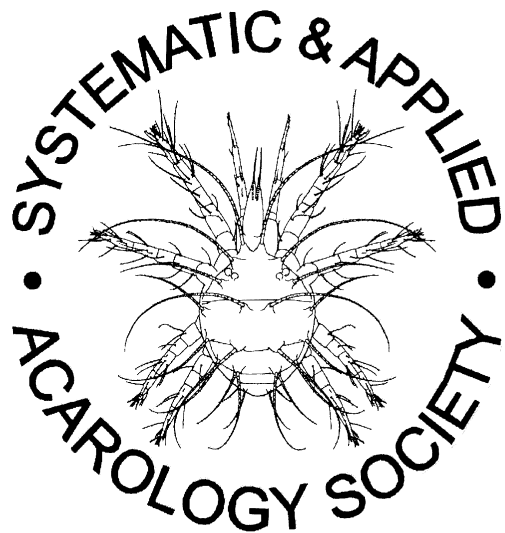
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Printed in Auckland, New Zealand

Acarological News

2005 ESA ANNUAL MEETING (November 6-9 2005, Fort Lauderdale, Florida)

Call for Symposia 2005 ESA Annual Meeting

Sex, Bugs and Rock n' Roll - This is not your grandfather's ESA meeting!

On behalf of the congress committee it is a great pleasure to invite you to attend the Fifth Symposium of the EURAAC. The scientific meeting will be held at the Free University of Berlin from 26 – 30 July 2004 in a central building of the Institute of Biology.

The Entomological Society of America has come through hard times and metamorphosed into a more proactive, vibrant Society. It's time for a party! Who said you have to wear a tie to communicate strong science? The science will be strong, but at this casual, tie-free meeting, participants will be encouraged to wear guyaberras, loose flowery shirts and blouses, and resort chic appropriate to the culture of beautiful Fort Lauderdale. We will be highlighting the unsung mentors who produce the outstanding crop of high-quality students that consistently delivers the best papers at every ESA meeting. So, come to the 2005 Annual Meeting in Fort Lauderdale where the science is strong, the setting is beautiful, and all of the students are well above average.

Program symposia, section symposia and other symposia may be proposed for 2 hour, 4 hour, or all day slots. The format can be tailored to your vision: speakers, workshops, discussion groups, or a mixture of formats. Send in your best idea, and don't feel constrained by what has come before. A few slots will be saved for late breaking Hot Topics, so if something comes up between March and October 31st – it's not too late!

Call for Program Symposia.

Traditionally, proposals for program symposia have been encouraged to tie into the meeting theme, but this is not necessary this year. If you want to explore mating behavior, acoustic communication, or insects in pop culture, that's great – but don't let us limit you! For the Sex, Bugs and Rock n' Roll Meeting, we want the best, most broadly interesting, and scientifically exciting ideas you have. To achieve a whole new level of enthusiasm for this meeting, we need symposia to promote innovative topics that bring our sections together into new, synergistic ways. Remember, ANYONE can submit a proposal (above average graduate students, are you listening?). However, each proposal must have an ESA member co-organizer.

Proposals for program symposia can be submitted until December 13, 2004 (see Nuts and Bolts of Submitting Symposia). The Program Committee will select the five program symposia for the 2005 meeting and notify their organizers by January 10, 2005. Any program symposium not selected can be resubmitted for either Section Symposia or other Symposia.

Call for Section Symposia.

Each ESA section sponsors section-relevant symposia for the annual meeting. Members should contact their section officers with their ideas. The deadline for submission of section symposia proposals is January 31, 2005. Organizers will be notified by March 3, 2005 if they have been selected as a Section Symposium. See Nuts and Bolts of Submitting Symposia for instructions.

Call for Symposia.

Anyone can submit a symposium proposal by January 31, 2005. (Each proposal must have an ESA member co-organizer.)

These include, but are not limited to, symposia related to your favorite theme, discussion workshops, Affiliated Society meeting (e.g., Coleopterists' Society, International Hymenopterists' Society, etc.), and more informal gatherings (see Note on Formal and Informal Conferences). Check the 2004 annual meeting program for examples of these symposia. Organizers will be notified by March 3, 2005. See Nuts and Bolts of Selecting Symposia for submission instructions.

Call for Hot Topics.

These can be submitted until October 31, 2005. What is a hot topic? We think our members will know one when they see one. Contact your friendly program chairs Susan Weller (welle008@umn.edu) and Kathleen Shields (kshields@fs.fed.us) for details.

Note on Formal and Informal Conferences: Beginning with the 2003 meeting in Cincinnati, the annual meeting no longer uses the terms "formal conference" or "informal conference." All such sessions are now termed "Symposia." We encourage interested members to continue having these types of sessions at the annual meeting. See Call for Symposia for Deadlines and Submission instructions.

Nuts and Bolts of Submitting Symposia Proposals: All proposals are submitted to the same website via the ESA's Online Submission Program. Please read the Instructions for Submitting Proposals for Symposia (located on the website), and enter your proposal (also on the website).

Remember, all proposals must include (1) a proposed symposium title; (2) a brief overview of the symposium's content or goals; (3) names, addresses, phone numbers, and e-mail addresses of organizers; and (4) a list of potential speakers and topics.

If you have questions about submitting proposals for symposia, contact Susan Weller, 2005 Program Co-Chair, Department of Entomology, University of Minnesota, St. Paul, MN 55108-6125; telephone (612) 625-6253; fax (612) 624-7268; e-mail address welle008@umn.edu

http://www.entsoc.org/annual_meeting/2005/Information/call-for-symposia-2005.htm

ACAROLOGY SUMMER PROGRAM 2005

For 55 years the Acarology Summer Program has been one of the premier teaching programs in the identification of Acari.

The 2005 session will be held during the summer on the campus of The Ohio State University in Columbus, Ohio.

Workshops Offered	Dates
Introductory Acarology	June 20 - June 25, 2005
Agricultural Acarology	June 27 - July 8, 2005
Medical - Veterinary Acarology	offered in 2006
Soil Acarology	offered in 2006

By request we present a tentative workshop schedule for the next 3 years. We hope this will help everyone to plan visits.

2006 Acarology, Medical - Veterinary Acarology

2007 Introductory Acarology, Agricultural Acarology

2008 Soil Acarology, Medical - Veterinary Acarology

WORKSHOP DESCRIPTIONS

Introductory Acarology

This one-week workshop will present an overview of the identification, systematics and biology of the major groups of Acari. A second emphasis will be on the techniques (study, collection, preservation) used in acarology. The course is designed as either a stand alone course or as an introduction for the novice to prepare for the other, more specialized, workshops.

Agricultural Acarology

This workshop will review the mites associated with crops, ornamental plants and stored products. The major emphasis will be on identification and classification, with a secondary emphasis on ecology and biocontrol. Specifically discussed groups will be the Phytoseiidae, Tetranychoida, Tydeoidea and Tarsonemida, Eriophyoidea and stored product mites.

Medical - Veterinary Acarology

This two-week workshop will review the various Acari associated with humans and domestic animals. One week will concentrate on ticks (Ixodida), while the other week covers all other groups of mites. In addition to the main emphasis of identification, tick week will include extensive discussions of disease transmission. The second week will include discussions of various Mesostigmata and Astigmat, including feather mites, Trombiculoidea (chiggers), and miscellaneous Prostigmata in addition to detailed discussions of dust mites.

Soil Acarology

This three-week workshop will concentrate on the Acari associated with soil and litter. Week one will concentrate on Mesostigmata and Endeostigmata, the second week

on Oribatida and the third week on Prostigmata. The main emphasis will be on identification and systematics of both adults and immatures, but this course will have a strong secondary emphasis on ecology and life-history.

The Ohio State University Acarology Laboratory

Our members

New SAAS member, 2004

Dr Rajendra Nath Singh

Department of Entomology & Agricultural Zoology

Institute of Agricultural Sciences

Banaras Hindu University

Varanasi – 221 005, U.P.

India

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Research interest: Plant Feeding & Predatory mites in respect to toxicological ecological and biological management

Prof Janardan Singh

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Research interest: Integrated mite management, biological control in mites

Contents of journals

Acarologia

2003 (2004), Volume 44, Issue 1–2

- Healy, J.A.E. & Bourke, P. (2004) Field evidence for aggregating behaviour in the tick *Ixodes ricinus* L. **44**(1-2), 3-14.
- Beldomenico, P.M., Baldi, C.J., Orcellet, V.M., Peralta, J.L., Venzal, J.M., Mangold, D.A.J. & Guglielmone, A.A. (2004) Ecological aspects of *Ixodes pararicinus* (Acari: Ixodidae) and other ticks species parasitizing sigmodotin mice (Rodentia: Muridae) in the northwestern Argentina. **44**(1-2), 15-21.
- Abdel-Shafy, S. & Soliman, M.M.M. (2004) Toxicity of some essential oils on eggs, larvae and females of *Boophilus annulatus* (Acari: Ixodida: Amblyommidae) infesting cattle in Egypt. **44**(1-2), 23-30.
- Duso, C., Fontana, P. & Malagnini, V. (2004) Diversity and abundance of phytoseiid mites (Acari: Phytoseiidae) in vineyards and the surrounding vegetation in northerstern Italy. **44**(1-2), 31-47.
- Nucifora, A. & Vacante, V. (2004) Citrus mites in Italy. VII. The family Tarsonemidae. Species collected and notes on ecology. **44**(1-2), 49-67.
- Golpayegani, A.Z., Saboori, A., Nowzari, J. & Kamali, K. (2004) Biology of *Amphitetranychus viennensis* (Zacher) (Acari: Tetranychidae) in Barahan region of Karaj, Iran. **44**(1-2), 69-71.
- Niemi, R. & Behan-Pelletier, V.M. (2004) *Nuhivabates* n. gen., and two new species, *N. nukuhiva* n. sp. and *N. hivaoa* n. sp. from Marquesas Islands (Acari: Oribatida: Mycobatidae). **44**(1-2), 73-85.
- Nozaki, M. & Nakamura, Y. (2004) A new species of the genus *Minguezetes* from rice stubble of paddy field after grain harvest in Japan (Acari: Oribatida). **44**(1-2), 87-95.
- Fujjikawa, T. (2004) Nineteen new species from the Shirakami Sanchi world heritage area, Nippon (Acari: Oribatida). **44**(1-2), 1-2, 97-131.

Experimental and Applied Acarology

2004, Volume 34, Issue 1–2

- Special Issue: AQUATIC MITES - From Genes to Communities (Guest Editor: Heather C. Proctor)
- Heather Proctor (2004) Aquatic Mites: From Genes to Communities – An Introduction. **34**(1–2), 1–2.

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- Guldborg Søvik (2004) The biology and life history of arctic populations of the littoral mite *Ameronothrus lineatus* (Acari, Oribatida). **34**(1–2), 3–20
- David J. Marshall, Peter Convey (2004) Latitudinal variation in habitat specificity of ameronothrid mites (Oribatida). **34**(1–2), 21–35.
- Ilse Bartsch (2004) Geographical and ecological distribution of marine halacarid genera and species (Acari: Halacaridae). **34**(1–2), 37–58.
- Isabel rey, Beatriz A. Dorda, Antonio G. Valdecasas (2004) Traditional water mite fixatives and their compatibility with later DNA studies. **34**(1–2), 59–65.
- Dale D. Edwards, Daniel E. Deatherage, Brian R. Ernsting (2004) Random amplified polymorphic DNA analysis of kinship within host-associated populations of the symbiotic water mite *Unionicola foili* (Acari: Unionicolidae). **34**(1–2), 67–77.
- Mark R. Forbes, Katherine E. Muma, Bruce P. Smith (2004) Recapture of male and female dragonflies in relation to parasitism by mites, time of season, wing length and wing cell symmetry. **34**(1–2), 79–93.
- Peter Martin (2004) Specificity of attachment sites of larval water mites (Hydrachnidia, Acari) on their insect hosts (Chironomidae, Diptera) – evidence from some stream-living species. **34**(1–2), 95–112.
- Bruce P. Smith, Joy Florentino (2004) Communication via sex pheromones within and among *Arrenurus* spp. mites (Acari: Hydrachnidia; Arrenuridae). **34**(1–2), 113–125.
- Heather C. Proctor, Neera Garga (2004) Red, distasteful water mites: did fish make them that way? **34**(1–2), 127–147.
- Andrew Boulton, Mark Harvey, Heather Proctor (2004) Of spates and species: responses by interstitial water mites to simulated spates in a subtropical Australian river. **34**(1–2), 149–169.
- Tom Goldschmidt (2004) Environmental parameters determining water mite assemblages in Costa Rica. **34**(1–2), 171–197.
- A. Di Sabatino, A. Boggero, F.P. Miccoli, B. Cicolani (2004) Diversity, distribution and ecology of water mites (Acari: Hydrachnidia and Halacaridae) in high Alpine lakes (Central Alps, Italy). **34**(1–2), 199–210.

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- Paul A. Umina, Ary A. Hoffmann, Andrew R. Weeks (2004) Biology, ecology and control of the *Penthaleus* species complex (Acari: Penthaleidae). **34**(3–4), 211–237.

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- Jürgen Wiethoff, Hans-Michael Poehling, Rainer Meyhöfer (2004) Combining plant- and soil-dwelling predatory mites to optimise biological control of thrips. **34**(3–4), 239–261.
- Mohammad H. Badii, Emilio Hernández-Ortiz, Adriana E. Flores, Jerónimo Landeros (2004) Prey stage preference and functional response of *Euseius hibisci* to *Tetranychus urticae* (Acari: Phytoseiidae, Tetranychidae). **34**(3–4), 263–273.
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- Enrico de Lillo, Rosita Monfreda (2004) ‘Salivary secretions’ of eriophyoids (Acari: Eriophyoidea): first results of an experimental model. **34**(3–4), 291–306.
- Annemarie Kroon, René L. Veenendaal, Jan Bruin, Martijn Egas, Maurice W. Sabelis (2004) Predation risk affects diapause induction in the spider mite *Tetranychus urticae*. **34**(3–4), 307–314.
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- Simon Causer, Caroline Shorter (2004) Penetration of light into carpet, and responses of the European house-dust mite (*Dermatophagoides pteronyssinus*) to varying light intensity and diurnal cycle. **34**(3–4), 335–344.
- M. Adetola Badejo, Adriana Maria de Aquino, Helvecio De-Polli, Maria Elizabeth Fernandes Correia (2004) Response of soil mites to organic cultivation in an ultisol in southeast Brazil. **34**(3–4), 345–364.
- Andrew G.S. Cuthbertson, Archie K. Murchie (2004) The phenology, oviposition and feeding rate of *Anystis baccarum*, a predatory mite in Bramley apple orchards in Northern Ireland. **34**(3–4), 367–373.
- Manuel rodriguez Valle, Luis Mèndez, Mario Valdez, Miguel Redondo, Carlos montero Espinosa, Milagro Vargas, Ricardo Ileonart Cruz, Humberto perez Barrios, Guillermo Seoane, Emerio serrano Ramirez, Oscar Boue, Jorge Iodos Vigil, Héctor Machado, Carlos borroto Nordelo, Marisdania joglar Piñeiro (2004) Integrated control of *Boophilus microplus* ticks in Cuba based on vaccination with the anti-tick vaccine Gavac TM. **34**(3–4), 375–382.

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- Hinomoto, N. & A. Takafuji (2004) Evaluation of mitochondrial cytochrome oxidase subunit I sequences in *Tetranychus kanzawai* Kishida (Acari: Tetranychidae) for phylogeographic studies. **13**(1), 47.
- Shimizu, N., K. Noge, N. Mori, R. Nishida & Y. Kuwahara (2004) Chemical ecology of astigmatid mites LXXIII. Neral as an alarm pheromone of the acarid mite, *Oulenzia* sp. (Astigmata: Winterschmidtidae). **13**(1), 57.
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- KENNAWAY, G.M., BAKER, A.S. & BALL, A.D. (2004) A method for preparing lightly sclerotized mites for examination by transmission electron microscopy. **9**, 3–9.

- KUMAR, P.S. & ANUROOP, C.P. (2004) A method to test the pathogenicity of fungi to *Aceria guerreronis* with particular reference to *Hirsutella thompsonii*. **9**, 11–14.
- LIU, H., ZHAO, Z., WANG, J., HE, L. & WU, S. (2004) Effect of different bamboo ages on population parameters of *Schizotetranychus bambusae* Reck (Acari: Tetranychidae). **9**, 15–21.
- RASHKI, M., SABOORI, A., NOWZARI, J. & ZENOUIZ, E.B. (2004) Biology of *Cenopalpus irani* Dosse (Acari: Tenuipalpidae) in Mahdasht Region of Karaj, Iran. **9**, 23–25.
- DING, W., ZHAO, Z., WU, W., TAO, H. & WANG, J. (2004) Action mechanism and biological activity of celangulin to *Tetranychus cinnabarinus* (Acari: Tetranychidae). **9**, 27–32.
- GONZÁLEZ-ACUÑA, D., VENZAL, J.M., FABRY, M. & GUGLIELMONE, A.A. (2004) *Liolaemus jamesi* (Boulanger, 1891) (Reptilia: Tropiduridae), a host for the larva of *Amblyomma parvitarsum* Neumann, 1901 (Acari: Ixodidae). **9**, 33–36.
- VENZAL, J.M., AUTINO, A.G., NAVA, S. & GUGLIELMONE, A.A. (2004) *Ornithodoros mimon* Kohls, Clifford & Jones, 1969 (Acari: Argasidae) on Argentinean bats, and new records from Uruguay. **9**, 37–39.
- SUPERINA, M., GUGLIELMONE, A.A., MANGOLD, A.J., NAVA, S. & LARESCHI, M. (2004) New distributional and host records for *Amblyomma pseudoconcolor* Aragão, 1908 (Acari: Ixodidae: Amblyomminae). **9**, 41–43.
- BEDANO, J.C. (2004) Soil prostigmatid mites (Acari: Prostigmata) of Argentina: an annotated checklist. **9**, 45–52.
- UECKERMANN, E.A. & KHANJANI, M. (2004) A revision of the genus *Anoplocheylus* Berlese (Acari: Pseudocheylidae), with the description of two new and re-description of four known species. **9**, 53–68.
- CHEN, J.-W., WEI, S.-G. & QIN, A.-Z. (2004) A new genus and four new species of eriophyid mites (Acari: Diptilomiopidae) from Guangxi province of China. **9**, 69–75.
- FAN, Q.-H. & WALTER, D.E. (2004) Genus *Caligohomus* Habeeb (Acari: Prostigmata: Stigmaeidae). **9**, 77–88.
- DOGAN, S. & AYYILDIZ, N. (2004) Two species of raphignathoid mites from Turkey: *Eupalopsellus olandicus* Sellnick, 1949 (Acari: Eupalopsellidae) and *Mediolata petilus* sp. nov. (Acari: Stigmaeidae). **9**, 89–95.
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- ZHANG, Z.-Q. & FAN, Q.-H. (2004) Redescription of *Dolichotetranychus ancistrus* Baker & Pritchard (Acari: Tenuipalpidae) from New Zealand. **9**, 111–131.
- SAKUNWARIN, S., BAKER, G.T. & CHANDRAPATYA, A. (2004) Structure of sensilla on the palptarsus and the tarsus I of *Tetranychus truncatus* Ehara (Acari: Tetranychidae). **9**, 133–140.
- LIN, J.-Z., ZHANG, Y.-X., JI, J. & CHEN, X. (2004) A new species and a new record of tarsonemid mites from China (Acari: Tarsonemidae). **9**, 141–146.
- HAITLINGER, R. (2004) Three new species of *Leptus* Latreille, 1796 and the first record of *Leptus onnae* Haitlinger, 2000 (Acari: Prostigmata: Erythraeidae) from Brazil. **9**, 147–156.
- HAITLINGER, R. (2004) New records of mites (Acari: Prostigmata: Erythraeidae) from Cambodia and Myanmar, with a description of *Erythraeus (Erythraeus) kacperi* sp. nov. **9**, 157–161.
- Saboori, A., GOLDARAZENA, A., & Khajeali, J. (2004) Two new species of larval *Erythraeus* (Acari: Erythraeidae) from Iran with remarks on differential diagnoses. **9**, 163–178.
- HAITLINGER, R. (2004) A new larval *Momorangia* (Acari: Prostigmata: Erythraeidae) from Kenya. **9**, 179–182.
- MAYORAL, J.G. & BARRANCO, P. (2004) A new species of the genus *Eutrombidium* Verdun (Acari: Eutrombidiidae) from southeastern Spain. **9**, 183–190.
- WEN, T.-H. & SABOORI, A. (2004) A new species of sand-mite subgenus *Dureniella* from Iran (Acariformes: Walchiidae: Schoengastiellini). **9**, 191–194.
- HAITLINGER, R. & CHMIELEWSKI, W. (2004) *Boetophela cassandrae* sp. nov. and the first record of *Tamarangia nimfae* Haitlinger, 1991 (Acari: Astigmata: Canestriniidae) from the Republic of South Africa. **9**, 195–199.
- Postscript . 9, 200.

Systematic and Applied Acarology Special Publications

- WALTER, D.E. (2003) The genus *Gamasellodes* (Acari: Mesostigmata: Ascidae): New Australian and North American species. (15), 1–10.
- FAN, Q.-H. & ZHANG, Z.-Q. (2003) *Rhizoglyphus echinopus* and *Rhizoglyphus robini* (Acari: Acaridae) from Australia and New Zealand: identification, host plants and geographical distribution. (16), 1–16.
- ROBBINS, R.G. & ROBBINS, E.M. (2003) An indexed, annotated bibliography of the Chinese- and Japanese-language papers on ticks and tick-borne diseases translated under the editorship of the late Harry Hoogstraal (1917–1986). (17), 1–12.
- TROYO, A., SOLANO, M.E. & CALDERÓN-ARGUEDAS, O. (2004) Two new species of *Listrocarpus* Fain (Acari: Atopomelidae) from *Cebus capucinus* Linnaeus and *Saimiri oerstedii* Reinhardt (Primates: Cebidae) in Costa Rica. (18), 1–8.
- ROBBINS, R.G. & ROBBINS, E.M. (2004) An indexed, annotated bibliography of the German-language papers on ticks and tick-borne diseases translated under the editorship of the late Harry Hoogstraal (1917–1986). (19), 1–14.
- LEKVEISHVILI, M. & KRANTZ, G.W. (2004) A new genus of the family Sejidae (Acari: Mesostigmata) based on *Sejus krantzi* and *S. manualkrantzi* Hirschmann, 1991. (20), 1–4.

Acarology Bulletin (ISSN 1361-8091) is a newsletter of the Systematic and Applied Acarology Society (c/o Dept. of Entomology, The Natural History Museum, London SW7 5BD, UK). It is published in four issues in 2004 and is distributed free to sustaining members of SAAS. All correspondence should be sent to the Editor, Dr Qing-Hai FAN, Landcare Research, Private Bag 92170, 231 Morrin Rd, Tamaki, Auckland; Ph: +64-9-5744108; Fax. +64 9 574-4101; E-mail: fanqh@acarology.org. Non-member subscribers should order the journal from Dr Ting-Kui Qin (Plant Biosecurity, Biosecurity Australia, GPO Box 858, Canberra, ACT 2061, Australia). Subscription rate for vol. 9 in 2004 is US\$10 plus \$6 for postage.