



SYMPOSIUM SCHEDULE

Start			Room
Thursday: 9 October 2008			
08:00	Symposium Registration Display	Scientific Posters	Lobby Saturn & Mars
09:00	Opening Ceremony	Opening Address (Mun Il Ryoo: President, The Korean Society of Applied Entomology) Welcome Address (Hiroshi Amano: President, The Acarological Society of Japan) Congratulation Speech (Soo-Wha Lee: Administrator of Rural Development Administration) Congratulation Speech (Sang Seung Baek: Mayor of Gyeongju)	Grand A
09:50	Official Photo		Grand A
10:00	Plenary Lecture	Dr. Gösta Nachman (Denmark) Chair: Dr. Hiroshi Amano (Japan)	Grand A
11:00	Society Meetings	The Korean Society of Applied Entomology The Acarological Society of Japan	Grand A Grand B
12:00	Lunch Break & Posters		Saturn & Mars
13:00	Oral Presentations on Mites		Grand A
19:30	Official Reception		Grand A&B

Friday: 10 October 2008			
9:00	Plenary Lecture	Dr. Peter Schausberger (Austria) Chair: Dr. Joon-Ho Lee (Korea)	Grand A
10:00	Oral Presentations on Mites Workshop of Whitefly		Grand A Grand B
12:00	Lunch Break & Posters		Saturn & Mars
13:00	Oral Presentations on Mites Workshop of Whitefly		Grand A Grand B
19:30	Symposium Banquet Party		Grand A&B

Saturday: 11 October 2008			
09:00	Optional Sampling Tour & Business Meetings		Gyeongju Area
12:00	Closing		

PLENARY SPEAKERS

Dr. Gösta Nachman (Denmark)
Title : Using models to bridge the gap between petri-dish experiments and field data: Biological control of spider mites as a case-study.

Dr. Peter Schausberger (Austria)
Title : Recognition systems in a mite-dominated agricultural community.

모시는 글

(사)한국응용곤충학회 회원 여러분의 건승을 기원합니다.

무더운 여름의 끝자락에 서서 여름이 일구어가는 들판의 황금물결을 바라봅니다. 풍요의 계절 가을은 농부들이 흘린 땀방울이 보람을 찾는 계절이며, 또한 해충관리에 땀 흘린 우리 회원들에게는 더없이 값진 시간이라고 생각합니다. 회원 여러분! (사)한국응용곤충학회에서는 올 한해 각고의 노력으로 얻어진 회원님들의 성과를 나누는 장을 마련하였습니다. 우리 (사)한국응용곤충학회, 일본응애학회 그리고 농촌진흥청이 공동으로 "International Symposium on Mites & Whitefly"라는 주제를 가지고 경주 대명리조트에서 국제심포지엄을 개최합니다. 국내외 저명한 학자들과 신진학자들에게는 열띤 토론의 장이 될 것이며, 아울러 신진학자들에게는 새로운 도약의 계기가 되어 해충학의 발전에 큰 밑거름이 되기를 진심으로 바랍니다. 또한 회원 여러분들이 포스터를 통하여 발표하시는 소중한 연구결과들은 우리나라 곤충학 발전의 커다란 밑거름이 되리라 확신합니다. 회원 여러분의 높은 관심과 참여는 언제나 그랬듯이 이 심포지엄과 학술발표회를 풍성하게 할 것입니다. 또한 회원 여러분의 깊어지는 교제는 또 하나의 열매로 맺힐 것입니다.

회원 여러분! (사)한국응용곤충학회와 일본응애학회, 농촌진흥청이 공동으로 주최하는 "International Symposium on Mites & Whitefly"에 회원 여러분의 진정어린 관심과 참여를 부탁드립니다. 꼭 참석하시어 학회의 발전과 회원간의 친목을 돈독히 할 수 있도록 많은 협조 부탁드립니다. 회원 여러분의 건강과 행운을 기원합니다.

(사)한국응용곤충학회 회장 류 문 일 드림

오시는 길



승용차 이용시

서울-경주(경부고속도로)
서울TG - 경부고속도로 - 경주IC - 보문관광단지 - 경주 대명리조트

서울-경주(중부고속도로)
하남IC - 중부고속도로 - 호법 분기점 - 영동고속도로 - 여주분기점 - 중부내륙고속도로 - 김천분기점 - 경부고속도로 - 경주IC - 보문관광단지 - 경주 대명리조트

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International Symposium on Mites & Whitefly

9~11 October, 2008
Daemyung Resort, Gyeongju, KOREA

Organization

The Korean Society of Applied Entomology
The Acarological Society of Japan
Rural Development Administration

Sponsorship

The Korean Federation of Science and Technology Societies
The Korea Research Foundation





SYMPOSIUM PROGRAMME

SECTION 1 Mites Symposium

09 October 2008

Symposium Session			Invasive Species	Room No.
Session Organizers			Ki-Jeong Hong (Korea) Koichi Goka (Japan)	Grand A
Order	Start	Abstract No.	Presentation Title & Authors	Presenting Author
1	13:00	S001	Distribution and control strategies of honeybee parasitic mites, <i>Varroa destructor</i> Anderson & Trueman, in South Korea <i>Myeong-Lyeol Lee, Yong Soo Choi, Won Tae Kim</i>	Myeong-Lyeol Lee
2	13:20	S002	The beetle commercialization in Japan will destroy the evolutionary history of mites <i>Koichi Goka, Kimiko Okabe</i>	Koichi Goka
3	13:40	S003	The reptile associated ticks and <i>Borrelia</i> from imported reptiles <i>Ai Takano, Hiroki Kawabata, Haruo Watanabe, Tei-ichiro Shino, Koichi Goka, Yumi Une, Hiroki Fujita</i>	Ai Takano
4	14:00	S004	The PRA and using status of foreign predatory mite species in Korea <i>Heung-Sik Lee and Jeong-Woo Suh</i>	Heung-Sik Lee
14:20 Coffee Break				
Symposium Session			Agricultural Acarology	Room No.
Session Organizers			Soon-Won Lee (Korea) Shingo Toyoshima (Japan)	Grand A
Order	Start	Abstract No.	Presentation Title & Authors	Presenting Author
1	14:40	S005	Molting inhibition of <i>Panonychus citri</i> (McGregor) (Acari: Tetranychidae) appears to be caused by an acaricide rather than a natural product <i>Tetsuo Gotoh, Tomoko Korenaga, Satomi Ikejima, Tsutomu Hoshino</i>	Tetsuo Gotoh
2	14:55	S006	Insecticide resistance analysis of two spotted spider mite (<i>Tetranychus urticae</i>) in peach, apple and strawberry orchards in Korea <i>Si-Woo Lee, Byeong-Ryeol Choi, Hyeong-Man Park</i>	Si-Woo Lee
3	15:10	S007	Development of microsatellite DNA markers and measurement of genetic diversity in <i>Neoseiulus womersleyi</i> (Schicha) <i>Norihide Hinamoto, Taro Maeda</i>	Norihide Hinamoto
4	15:25	S008	Monocrotophos resistance in the two-spotted spider mite, <i>Tetranychus urticae</i> Koch, mediated by point mutation of acetylcholinesterase <i>Deok Ho Kwon, Si Hyeock Lee</i>	Deok Ho Kwon
5	15:40	S009	Deleterious effects of ultraviolet-B radiation on herbivorous spider mites and predaceous phytoseiid mites <i>Masahiro Osakabe, Keiko Ohtsuka</i>	Masahiro Osakabe
6	15:55	S010	Resistance to UV radiation in the two-spotted spider mite, <i>Tetranychus urticae</i> <i>Takeshi Suzuki, Makio Takeda</i>	Takeshi Suzuki
7	16:10	S011	Optimum release strategies for <i>Phytoseiulus persimilis</i> to control <i>Tetranychus urticae</i> on forcing strawberry <i>Yong-Heon Kim, Hwang-Yong Kim, Jeong-Hwan Kim, Dae-Hong Lee, Young-Nam Youn</i>	Yong-Heon Kim
8	16:25	S012	Seasonal occurrence of phytoseiid mites on windbreaks of <i>Podocarpus macrophyllus</i> surrounding citrus orchards <i>Hidenari Kishimoto, Yoshio Ohira</i>	Hidenari Kishimoto
9	16:40	S013	Occurrence of <i>Neoseiulus californicus</i> (Acari: Phytoseiidae) and biological control of citrus red mite, <i>Panonychus citri</i> (Acari: Tetranychidae) in Jeju citrus orchards <i>Kyung San Choi, Dong Hwan Kim, Chuleui Jung, Ki Sang Lee, Seung Jong Jeon</i>	Kyung San Choi
10	16:55	S014	Historical changes of spider mite occurrence for recent 16 years in Korean apple orchards <i>Kyung Hee Choi, Soon Won Lee, Dong Hyun Lee, Dong Ah Kim, Chuleui Jung</i>	Kyung Hee Choi
11	17:10	S015	Overwintering sites of <i>Neoseiulus californicus</i> (McGregor) (Acari: Phytoseiidae) in citrus orchards and possible factor increasing winter survival of <i>N. californicus</i> in Korea <i>Mitsuhiro Kawashima, Chuleui Jung</i>	Mitsuhiro Kawashima
12	17:25	S016	Temperature effects on life-history traits of <i>Neoseiulus californicus</i> (McGregor) (Acari: Phytoseiidae) when feeding on <i>Panonychus ulmi</i> (Koch) as prey <i>Hasan Fuad El Taj, Chuleui Jung</i>	Hasan Fuad El Taj

10 October 2008

Symposium Session			Soil Acarology	Room No.
Session Organizers			Chuleui Jung (Korea) Kenji Fukuyama (Japan)	Grand A
Order	Start	Abstract No.	Presentation Title & Authors	Presenting Author
1	10:00	S017	Soil gamasid mites: their diversity and availability as bioindicators <i>Gen Takaku, Minako Takagi, Ayaka Fukuda, Mitsuho Sogabe</i>	Gen Takaku
2	10:20	S018	Gamasid mite assemblage on mountain fire sites <i>Chuleui Jung, Tomasz Marquardt, Slawomir Kaczmarek, Hoonbok Yi</i>	Chuleui Jung
3	10:40	S019	Comparative study among Asian Oribatid Fauna. - Is oribatid fauna rich in tropical zone? - <i>Kenji Fukuyama</i>	Kenji Fukuyama
4	11:00	S020	Post-fire assemblage of oribatid mites (Acari: Oribatida) from mountain sites with differential burn severities in Samcheok, Korea <i>Jiwon Kim, Chuleui Jung</i>	Jiwon Kim
Symposium Session			Ecology, Taxonomy & Evolution of Mites	Room No.
Session Organizers			Dong-Soon Kim (Korea) Kimiko Okabe (Japan)	Grand A
Order	Start	Abstract No.	Presentation Title & Authors	Presenting Author
1	11:20	S021	Current status of taxonomic study on Korean Eriophyoid mites <i>Jong-Ho Lee, Seung-Hwan Lee</i>	Jong-Ho Lee
2	11:40	S022	An undescribed species of <i>Pelzneria</i> (Acari, Histiogmatidae) phoretic on the burying beetle, <i>Nicrophorus concolor</i> Kraatz (Coleoptera, Silphidae) in Asia <i>Kazumi Tagami, Kazuyoshi Kurosa</i>	Kazumi Tagami
12:00 Lunch Break & Posters				
3	13:00	S023	A mite <i>Ensliniella parasitica</i> parasitic to as well as a bodyguard of a host wasp, <i>Allodynerus delphinalis</i> <i>Kimiko Okabe, Shun'ichi Makino</i>	Kimiko Okabe
4	13:20	S024	Role of excreta in predator avoidance by the Kanzawa spider mite, <i>Tetranychus kanzawai</i> (Acari: Tetranychidae) <i>Keiko Oku</i>	Keiko Oku
5	13:40	S025	Does red pigment protect the citrus red mite eggs from UV damage? <i>Midori Fukaya, Masahiro Osakabe</i>	Midori Fukaya
6	14:00	S026	Environmental tolerance of <i>Neoseiulus womersleyi</i> , <i>Neoseiulus californicus</i> and <i>Phytoseiulus persimilis</i> (Phytoseiidae) based on egg hatching and immature survival: implications for biological control of spider mites <i>Chuleui Jung, Hasan El Taj</i>	Chuleui Jung
7	14:20	S027	Population dynamics of <i>Tetranychus urticae</i> and its predatory mites, <i>Neoseiulus californicus</i> and <i>Phytoseiulus persimilis</i> , on connected strawberry leaf arena <i>Jeongjoon Ahn, Joon-Ho Lee</i>	Jeongjoon Ahn
8	14:40	S028	Factors affecting the changes in species composition between <i>Tetranychus urticae</i> and <i>Panonychus ulmi</i> (Acari: Tetranychidae) in orchards: Hypothesis and case studies <i>Dong-Soon Kim, Joon-Ho Lee</i>	Dong-Soon Kim
15:00 Coffee Break				
Symposium Session			Medical & Veterinary Acarology	Room No.
Session Organizers			Won-Ja Lee (Korea) Kozo Fujisaki (Japan)	Grand A
Order	Start	Abstract No.	Presentation Title & Authors	Presenting Author
1	15:20	S029	Tick-borne disease surveillance in the US military in Korea <i>Terry A. Klein, Heung-Chul Kim, William J. Sames</i>	Terry A. Klein
2	15:40	S030	Ticks and tick-borne pathogens: Public health <i>Joon-Seok Chae</i>	Joon-Seok Chae
3	16:00	S031	Chiggers of medical importance in Korea <i>In-Yong Lee</i>	In-Yong Lee
4	16:20	S032	Characterization of autophagy-related gene homologues from a three host tick, <i>Haemaphysalis longicornis</i> <i>Rika Umemiya-Shirafuji, Tomohide Matsuo, Damdinsuren Boldbaatar, Min Liao, Banzragch Battur, Md. Morshedur Rahman, Kozo Fujisaki</i>	Rika Umemiya-Shirafuji

Symposium Session			Medical & Veterinary Acarology	Room No.
Session Organizers			Won-Ja Lee (Korea) Kozo Fujisaki (Japan)	Grand A
Order	Start	Abstract No.	Presentation Title & Authors	Presenting Author
5	16:40	S033	Structure prediction and cytolytic activity of a potent antimicrobial motif derived from longicin, a defesin-like peptide in the tick <i>Haemaphysalis longicornis</i> <i>Morshedur Rahman, Damdinsuren Boldbaatar, Min Liao, Rika Umemiya-Shirafuji, Naotoshi Tsuji, Tetsuya Tanaka, Satoshi Taharaguchi, Kozo Fujisaki</i>	Morshedur Rahman
6	17:00	S034	GATA translation in tick gene activation: identification of GATA transcription factor from the hard tick <i>Haemaphysalis longicornis</i> <i>Damdinsuren Boldbaatar, Banzragch Battur, Rika Umemiya-Shirafuji, Min Liao, Tetsuya Tanaka, Kozo Fujisaki</i>	Damdinsuren Boldbaatar
7	17:20	S035	Hemalin, a thrombin inhibitor isolated from the midgut EST database of hard tick <i>Haemaphysalis longicornis</i> <i>Min Liao, Jinlin Zhou, Haiyan Gong, Damdinsuren Boldbaatar, Rika Umemiya-Shirafuji, Banzragch Battur, Jianbao Dong, Yoshifumi Nishikawa, Myungjo You, Kozo Fujisaki</i>	Min Liao
8	17:40	S036	Allergenicity of simple chemicals in house dust mites detected by patch tests <i>Hideo Nakayama, Akiko Kumei, Naoki Mori, Yasumasa Kurwahara</i>	Hideo Nakayama
9	18:00	S037	Analysis of the vitellogenin gene from the soft tick <i>Ornithodoros moubata</i> <i>Mari Horigane, DeMar Taylor</i>	Mari Horigane

SECTION 2 Whitefly Workshop

10 October 2008

Symposium Session			Whitely Workshop	Room No.
Session Organizers			Hyeong-Man Park (Korea)	Grand B
Order	Start	Abstract No.	Presentation Title & Authors	Presenting Author
1	10:00	W001	Management of <i>Bemisia whitefly</i> and its virus transmission in Japan <i>Ken-ichiro Honda</i>	Ken-ichiro Honda
2	10:40	W002	Migration and local dynamics of <i>Trialetodes vaporariorum</i> in bean crops <i>Lisbeth Riis, Gosta Nachman</i>	Gösta Nachman
3	11:20	W003	Occurrence of <i>Bemisia tabaci</i> and its vectored virus in Korea <i>Minho Lee, Ki-Baik Uhm, Sunyoung Lee, Heeyong Park, Murad Ghanim</i>	Minho Lee
12:00 Lunch Break & Posters				
4	13:00	W004	Effects of the acquisition of plant pathogenic virus on the gene expression of the whitefly vector and its endosymbionts <i>Kyeong-Yeoll Lee, Woo-Geun Sang, Sukchan Lee, Eunseok Choi</i>	Kyeong-Yeoll Lee
5	13:30	W005	Development of agrochemicals against sweet potato whitefly according to the critical customer requirement. <i>Kyoung-Sung Kim</i>	Kyoung-Sung Kim
6	14:00	W006	Biological control of <i>Bemisia tabaci</i> in Korea: Status and prospects <i>Hwang-Yong Kim, Jeong-Hwan Kim, Yong-Heon Kim, Yong-Hwi Lee</i>	Hwang-Yong Kim
7	14:30	W007	Developmental and ovipositional characteristics of <i>Bemisia tabaci</i> on three different host plant <i>Eun Jung Han, Byeong-Ryeol Choi, Joon Ho Lee</i>	Eun Jung Han
8	15:00	W008	Selecting effective chemical control agents of <i>Bemisia tabaci</i> biotype B and Q <i>Chuleui Jung, Woong Park, Si-Yong Kim, Jin Ju Kim, Hyung-Man Park</i>	Chuleui Jung