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CURRICULUM VITAE

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RESERCH INTREST

Integrated management and population ecology of the red palm weevil, *Rhynchophorus ferrugineus* (Olivier), in date palm.

EDUCATION

August, 1991:

Ph.D. in Entomology, Dept. of Entomology,
University of Kentucky, Lexington, Kentucky
40546-0091, USA

May, 1983:

Master of Science in Entomology, Dept. of
Entomology, University of Kentucky, Lexington,
Kentucky 40546-0091, USA

June, 1974:

Bachelor of Science in General Agriculture, College of Agriculture, King Saud University (Previously, Riyadh University) Riyadh, Kingdom of Saudi Arabia.

HONORS

2002-2003:

Who'sWho in Science and Engineering® 2002-2003, Marquis Who'sWho 21st Century Editions, 6th Edition, page 12, A Marquis Who'sWho Publication. USA 2002-2003. ((Who'sWho in Science and Engineering® Sith Edition 2002/2003) The Marquis who'sWho Publication Board).

2002:

2000 Outstandings Scientists of the 21st Century. The International Biographical Centre of Cambridge. England. "Decree of Merit".

June, 1999:

Honorable Order of Kentucky Colonels, Commonwealth of Kentucky, Governor, Frankfort, Kentucky 40601, USA

TRAINING COURSES

July 1 to September 1, 2001:

Research studies on Influence MON 863 Bt Transformed Corn Kernels on Several Stored-Product Beetle Species, Kentucky State University, Frankfort, Kentucky, USA

May 3 to June 13, 1992:

IAEA/FAO Interregional Training Course on the Use of Radiation and Isotopes in Insect Control and Entomology, University of Florida, Gainesville, Florida, USA

February 1 to February 21, 1985:

FAO Regional Training Course on Desert Locust Control and Spraying Equipment, Cairo, Egypt.

PROFESSIONAL EXPERIENCE

October 2002 to Present:

Associate Professor of Entomology, Dept. of Plant Protection, College of Agri. & Food Sciences, King Faisal University, Al-Hasa.

August, 1995 to October 2002:

Assistant Professor of Entomology, Dept. of Plant Protection, College of Agri. & Food Sciences, King Faisal University, Al-Hasa.

April, 1994 to August, 1995:

Specialist, the project of red palm weevil control, Dept. of Extension & Agri. Services, Ministry of Agriculture & Water, Riyadh.

August, 1991 to April, 1994:

Head, Agricultural Research Division, Agricultural Research Center in Makkah Al-Mukkarramah Region, Makkah Road, Kilo-10, Jeddah.

June, 1987 to August, 1991:

Graduate Research Assistant, Dept. of Entomology, University of Kentucky, Lexington, Kentucky, USA

May, 1983 to June, 1987:

Head, Agricultural Research Division, Agricultural Research Center in Makkah Al-Mukkarramah Region, Makkah Road, Kilo-10, Jeddah.

August, 1980 to May, 1983:

Graduate Research Assistant, Dept. of Entomology, University of Kentucky, Lexington, Kentucky, USA

August, 1979 to August, 1980:

Extensive English Language Program, Dept. of English, University of Louisville, Louisville, Kentucky, USA

June, 1974 to August, 1979:

Head, Plant Protection Division, Dept. of Agricultural Research, Ministry of Agriculture & Water, Riyadh.

RESEARCH ACTIVITIES

January, 1998 to Present:

Co-constructor of the **website:**
www.redpalmweevil.com

May, 1994 to Present:

Member of the Scientific Team for the Red Palm Weevil between Ministry of Agriculture & Water, Riyadh, and King Faisal University, Al-Hasa.

March, 1996 to 2001:

Co-investigator for a research project supported by King Abdulaziz City for Science and Technology entitled “Survey of virus diseases attacking cucurbits and its insect vectors and their control. Proj. NO. AR-15-88.

Higher Education Activities

Outside Examiner for the following Thesis:

1) Hathal M. H. Al Dhafer. (1997). “Biological and Morphological Characteristics of Red Palm Weevil *Rhynchophorus ferrugineus* (Olivier). (Curculionidae: Coleoptera) in Saudi Arabia”. Thesis. College of Agriculture, King Saud University, Riyadh.

2) Ayshah Mohammad Ahmed Al Qahtani. (1999). “Toxicity of two extracts against the red palm weevil

larvae *Rhynchophrus ferrugineus* Olivier in the Eastern Province-Kingdom of Saudi Arabia”. Thesis. College of Science for Girls, Dammam.
Manuscript Review for publication

4 Manuscripts for the Journal of King Saud University, College of Agriculture, King Saud University, Riyadh.

1 Manuscript for Saudi Journal of Biological Sciences, Saudi Biological Society, College of Sciences, King Saud University, Riyadh.

1 Manuscript for Agricultural Sciences, Sultan Qaboos University Journal for Scientific Research, Muscat, Sultanate of Oman.

Proposal Evaluation

3 Proposal Evaluations for King Abdulaziz City for Science and Technology, General Directorate of Research Grants Programs. Riyadh.

Community Services

Lecturing on the red palm weevil and other insects for the community and College of Agriculture and Food Sciences, King Faisal University, Al-Hasa.

Lecturing on the red palm weevil and other insects Centers for the Ministry of Agriculture and Water in different Directorate of Agriculture and Agriculture Researches in the Kingdom.

ACADEMIC COURSES TAUGHT

Advanced Economic Entomology
Advanced Insect Morphology
Advanced Pest Ecology
Economic Entomology
Pest Ecology
Pest Biological Control
Pests of Field Crops
Pests of Greenhouses
Pests of Horticulture
Principles of Plant Protection

PROFESSIONAL SOCIETIES

Arab Society for Plant Protection
American Phytopathological Society
Entomological Society of America
Entomological Society of Egypt
Kentucky Academy of Science
Royal Entomological Society
Saudi Biological Society

HONOR SOCIETIES

Gamma Sigma Delta
Sigma XI

COMMITTEES

October, 2001 to 2002:

Member, Information and Publication Committee,
Agriculture and Water Development Symposium at
the time of the Custodian of the Two Holy Mosques,
King Fahad Bin Abdulaziz, College of Agriculture

& Food Sciences, King Faisal University, Al-Hasa,
January 28-30, 2002.

October, 2001 to Present:

Member, Reception and Guest Committee, Higher
Education of Agriculture Symposium for Gulf
Countries Counsel, King Faisal University, Al-Hasa.

October, 2001 to Present:

Member, Public Relation Committee, College of
Agriculture & Food Sciences, King Faisal
University, Al-Hasa.

February, 2000 to Present:

Member, Graduate Studies Committee, College of
Agriculture & Food Sciences, King Faisal
University, Al-Hasa.

November 20-22, 2000:

Chairman, Scientific Committee, First Workshop on
Control of Date Palm Red Weevil. King Faisal
University, Date Palm Research Center, Al-Hasa,
Nov. 20-22, 2000 (Shabaan 24-26, 1421H).

November 20-22, 2000:

Convener, Executive Committee, First Workshop on
Control of Date Palm Red Weevil. King Faisal
University, Date Palm Research Center, Al-Hasa,
Nov. 20-22, 2000 (Shabaan 24-26, 1421H).

December 1997 to December 1999:

Member, Committee on International affairs,
Entomological Society of America, Lanham, MD,
USA.

October 26, 1999:

Co-Chairman of Tenth session-Biological Control II,
International Symposium on Biological Control of
Insect Pests of Agricultural Crops, College of
Agriculture, University of Aleppo, Syria.

November, 1998 to 1999:

Chairman, College Community Services Committee,
College of Agriculture & Food Sciences, King Faisal
University, Al-Hasa.

March 25, 1997:

Co-Chairman of Entomological session, First Saudi
Agricultural Sciences Symposium, College of
Agriculture, King Saud University, Riyadh.

July, 1996 to 1999:

College representative, University Community
Services, King Faisal University, Al-Hasa.

July, 1996 to Present:

Member, University Community Services Consulted
Committee, King Faisal University, Al-Hasa.

September, 1995 to September, 1996:

Chairman, College Community Services Committee,
College of Agriculture & Food Sciences, King Faisal
University, Al-Hasa.

PUBLICATIONS (In English)

Abdulsalam, K. S., M. S. Shawir, M. M. Abo-El-Saad, M. A. Rezk, and **A. M. Ajlan**. (2001). Regent (fipronil) as a candidate insecticide to control red palm weevil, *Rhynchophorus ferrugineus* (Olivier). Annals Agric.Sci., Ain Shams Univ., Cairo., Vol. 46 (2), 841-849.

Abo-El-saad, M. M, **A. M. Ajlan**, M. S. Shawir, K. S. Abdulsalam, and M. A. Rezk. (2001). Comparative toxicity of four pyrethroid insecticides against red palm weevil, *Rhynchophorus ferrugineus* (Olivier), under laboratory conditions. J. Pest Cont. & Environ. Sci. 9 (3): 63-76.

Ajlan, A. M. (2002). Monitoring of whiteflies and thrips on greenhouse cucurbit plants using yellow sticky traps in Al-Hasa District, Saudi Arabia. J. Pest Cont. & Environ. Sci. 10 (1):1-12.

- Ajlan, A. M.** (2001). Monitoring of Piercing – Sucking Insects by Using Yellow Sticky Traps in Saudi Arabia. *J. Agric. Sci. Mansoura Univ.*, Vol. 26 (11): 7293-7298.
- Ajlan, A. M.** (2001) Monitoring of insect in open fields cultivated with cucurbit plants using yellow sticky traps in Al-Hasa, Saudi Arabia. *J. Agric. Sci. Mansoura Univ.*, Vol. 26 (10): 6495-6502.
- Ajlan, A., M.**, and K. S. Abdulsalam. (2000). Efficiency of pheromone traps for controlling red palm weevil, *Rhynchophorus ferrugineus* (Olivier) (Coleoptera: Curculionidae), under Saudi Arabia conditions. *Bull. Ent. Soc. Egypt, Econ. Ser.*, 27: 109-120.
- Ajlan, A. M.**, M. S. Shawir, M. Abo-El-Saad, M. A. Rezk and K. S. Abdulsalam. 2000. Laboratory evaluation of certain organophosphorus insecticides against the red palm weevil, *Rhynchophorus ferrugineus* (Olivier). *Scientific Journal of King Faisal University (Basic and Applied Sciences)*. Vol. 1 (1): 15-26.
- Ajlan, A. M.** and D. A. Potter. 1992. Lack of effect of tobacco mosaic virus-induced systemic acquired resistance on arthropod herbivores in tobacco. *Phytopathology* 82: 647-651.
- Ajlan, A. M.** and D. A. Potter. 1991. Does immunization of cucumber against anthracnose by *Colletotrichum lagenarium* affect host suitability for arthropods? *Entomol. Exp. Appl.* 58: 83-91.
- Ajlan, A.**, D. E. Knavel, and J. G. Rodriguez. 1985. Resistance of pepper, *Capsicum annum* L., to European corn borer, *Ostrinia nubilalis* (Hubner). *Trans. Kentucky Acad. Sci.* 46: 99-103.
- Potter, D. A., D. Apriyanto, and **A. Ajlan**. 1990. Pathogen-herbivore interactions mediated by activated resistance in cucumber, pp. 203-208. In: A. Szentesi and T. Jermy (eds.). *Insects and Plants. Proc. 7th Internat. Symp. Insect/Plant Relationships*. Akademiai Kiado, Budapest, Hungary.
- Sedlacek, J. D., L. P. Dintenfass, G. L. Nordin, and **A. A. Ajlan**. 1985. Effects of temperature and dosage on *Vairimorpha* sp. 696 spore morphometrics, spore yield, and tissue specificity *Heliothis virescens*. *J. Invert. Pathol.* 46: 320-324.

PUBLICATIONS (In Arabic)

Kawar, Nasri S., **A. M. Al-Ajlan**, and Y. M. S. Al-Salloum. 1995. Important Insect and Mite Pests on the Major Crops in Western Saudi Arabia. Ministry of Agriculture & Water, Agricultural Research Center in Makkah Al-Mukkarramah Region, Jeddah, and the Food & Agriculture Organization of the United Nations. 116 pp.

Ajlan, A. M. 1986. Desert locust control. Extension Bulletin 42. Ministry of Agriculture & Water, Riyadh. 8 pp.

Ajlan, A. 1986. Desert locust. Extension Bulletin 40. Ministry of Agriculture & Water, Riyadh. 8 pp.

Ajlan, A. 1986. Locusta (The Migratory locust). Extension Bulletin 36. Ministry of Agriculture & Water, Riyadh. 8 pp.

PAPER PRESENTATIONS

Ajlan, A. 2001. Cultural impact, natural history, and management of the red palm weevil, *Rhynchophorus ferrugineus*, in Saudi Arabia. Presented at the Kentucky State University, Kentucky, USA, August 24, 2001.

Ajlan, A. 2000. The red palm weevil of Saudi Arabia. Presented at the University of Kentucky, Lexington, Kentucky, USA, August 16, 2000.

Ajlan, A. 2000. Monitoring population dynamics of red palm weevil, *Rhynchophorus ferrugineus* (Olivier), by means of pheromone traps in Kingdom of Saudi Arabia. Presented at Joint Annual Meeting Societe d'entomologie du Quebec Entomological Society of Canada Entomological Society of America, Palasis des Congres de Montreal, Quebec, Canada, December 3-7, 2000.

Ajlan, A. M and K. S. Abdulsalam. 2000. Pheromone trapping for the red palm weevil, *Rhynchophorus ferrugineus* (Olivier), in Saudi Arabia. Presented at the first workshop on control of date palm red weevil. King Faisal University, Date Palm Research Center, Al-Hasa, Nov. 20-22, 2000 (Shabaan 24-26, 1421H).

- Ajlan, A. M.**, A. Al-Jabr and Ahmed. Al-Mulhim. 2000. Date red palm weevil (The Hidden Enemy). Presented at the first workshop on control of date palm weevil. King Faisal University, Date Palm Research Center, Al-Hasa, Nov. 20-22, 2000 (Shabaan 24-26, 1421H).
- Ajlan, A. M.** and K. S. Abdulsalam. 2000. Efficiency of some pheromone traps for controlling red palm weevil, *Rhynchophorus ferrugineus* (Olivier), under Saudi Arabia conditions. Presented at the Twentieth Annual Meeting of Saudi Biological Society. College of Veterinary and Animal Sciences, King Faisal University, Al-Hasa, January 31-February 3, 2000.
- Ajlan, A. M.** 1999. Efficiency of some pheromone traps for controlling red palm weevil, *Rhynchophorus ferrugineus* (Olivier), under Saudi Arabia conditions. Presented at the Annual Entomological Society of America National Conference in Atlanta, Georgia, USA, December 12-16, 1999.
- Ajlan, A. M.** 1999. Efficiency of some pheromone traps for controlling red palm weevil, *Rhynchophorus ferrugineus* (Olivier), under Saudi Arabia conditions. Presented at the International Symposium on Biological Control Insects Pests of Agricultural Crops. University of Aleppo, Syria, October 24-28, 1999.
- Ajlan, A. M.**, V. A. Abraham and P. S. P. V. Vidyasagar. 1995. Use of pheromone traps for controlling the red palm weevil in the Kingdom of Saudi Arabia. Presented at the Sixteenth Annual Meeting of Saudi Biological Society on Biological Natural Resources in the Kingdom of Saudi Arabia. College of Science, King Saud University, Riyadh, March 21-23, 1995.
- Ajlan, A. M.** and Nasri S. Kawar. 1994. Biological control of the citrus psyllid, *Diaphorina citri*, in the western region of Saudi Arabia. Presented at the Fifteenth Annual Meeting of Saudi Biological Society on Biological Natural Aspects in the Kingdom of Saudi Arabia. Faculty of Applied Sciences, Umm Al-Qura University, Makkah, Al-Mukkarramah, March 29-31, 1994.
- Ajlan, A.** and N. S. Kawar. 1993. Biological control of the citrus psyllid, *Diaphornina citri*, in Saudi Arabia. Presented at the Annual Entomological Society of America National Conference in Indianapolis, Indiana, USA, December 12-16, 1993.

Ajlan, A. 1992. The red palm weevil, *Rhynchophorus ferrugineus*, a new intruder to Saudi Arabia. Presented at the Annual Entomological Society of America National Conference in Baltimore, Maryland, USA, Dec. 6-10, 1992.

Ajlan, A. and D. A. Potter 1990. Induced resistance interactions between aphids and anthracnose disease on cucumber. Presented at the Annual Entomological Society of America/North Central Branch Meeting in Grand Rapids, Michigan, USA, March 12-15, 1990.

Ajlan, A. and D. A. Potter. 1989. Induced resistance interactions between fall armyworm and anthracnose disease on cucumber. Presented at the Annual Entomological Society of America/North Central Branch Meeting in Indianapolis, Indiana, USA, March 12-15, 1989.

Ajlan, A. and D. A. Potter. 1988. Can “Immunization” of cucumber with anthracnose disease induce resistance to twospotted spider mites? Presented at the Annual Entomological Society of America National Conference in Louisville, Kentucky, USA, December 4-8, 1988.

Ajlan A., and D. A. Potter. 1988. Induced resistance between the two spotted spider mite, *Tetranychus urtica* Koch, and anthracnose disease, *Colletotrichum lagenarium* (Pass) Ell & Halst, on cucumber, Presented at the annual Entomological Society of America/North Central Branch Meeting in Denver, Colorado, USA, March 20-23, 1988.

DISPLAY PRESENTATIONS

Ajlan, A. M. and D. A. Potter. 1990. Pathogen-herbivore interactions mediated by activated resistance in tobacco. Presented at the Annual Entomological Society of America National Conference in New Orleans, Louisiana, USA, Dec. 2-6, 1990.