

## CURRICULUM VITAE



**Abdulaziz Mohammed Ahmed Al Ajlan**

**Emeritus, Professor of Entomology (November 17, 2013)**

**Department of Arid Land Agriculture  
(Plant Protection Science Program)  
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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, USA.
- May, 1983:** **Master of Science in Entomology**, Dept. of Entomology, University of Kentucky, Lexington, Kentucky, USA.
- June, 1974:** **Bachelor of Science in General Agriculture**, College of Agriculture, King Saud University (Previously, Riyadh University) Riyadh, Saudi Arabia.



**INTERNATIONAL  
BRANCH**

**Entomological Society of America (ESA), International Branch (IB)  
(August 2012 – July 2015)  
A 3-year commitment  
Vice President of ESA-International Branch (2012-2013)  
President of ESA-International Branch (2013-2014)  
Past President of ESA-International Branch (2014-2015)**

## **SYMPOSIA**

**2018 ESA, ESC, and ESBC Joint Annual Meeting, November 11-14, Vancouver, BC, Canada.**

**376: P-IE Section Symposium: *Rhynchophorus* Weevil: A Global Threat Beyond Borders**

Symposium Organizers: **Aziz Ajlan**, Khalid Alhudaib, Abdulaziz Mohamed, J. R. Faleiro, Shoki Al-Dobai, Muhammad Haseeb, Study Group “Integrated Protection of Date Palms” (SG IPDP).

<https://esa.confex.com/esa/2018/meetingapp.cgi/Session/32110>

**2016 XXV International Congress of Entomology (ICE 2016), September 25-30, Orlando, Florida, USA.**

**Symposium: No More Invasive Insect Species: Is Quarantine the Answer?**

Symposium Organizers: **Aziz Ajlan**, Khalid Alhudaib, and J. R. Faleiro

<http://ice2016orlando.org/wp-content/uploads/2016/09/ICE-2016-Program-Book-w-Tabs-REV3-Web.pdf>

**2015 The 19th Congress of the Entomological Society of Southern Africa and the 37<sup>th</sup> Congress of the Zoological Society of Southern Africa, Rhodes University, Grahamstown, South Africa, 12-17 July 2015.**

- 1) Towards a global Sustainable IPM system for *Tuta absoluta*.**  
(Convener: Dr. Aziz Ajlan)  
Symposium Organizers: **Aziz Ajlan**, Khalid Alhudaib, Jose Romeno Faleiro
- 2) Managing *Rhynchophorus ferrugineus*: beyond IPM.** (Convener: Dr. Aziz Ajlan)  
Symposium Organizers: **Aziz Ajlan**, Khalid Alhudaib, Jose Romeno Faleiro  
<http://www.essa-zssa2015.co.za/programme.html>

2014 ESA 62<sup>nd</sup> Annual Meeting (Entomology 2014), November 16-19, 2014, Portland, OR, USA.

**Member Symposium: IPM: An International Organic Farming Strategy on Invasive Insect Species.**

Symposium Organizers: Aziz Ajlan and Khalid Alhudaib

<http://esa.confex.com/esa/2014/webprogram/Session22157.html>)

2014 the X<sup>th</sup> (10<sup>th</sup>) European Congress of Entomology (ECE 2014) hosted by the Royal Entomological Society, University of York, York, YO10 5DD, UK, 3-8 August 2014.

1) Monday, August 4 - **IPM: A challenge strategy on invasive insect species.**

Section Organizer: Aziz Ajlan

2) Friday, August 8 - **Managing *Rhynchophorus ferrugineus*: A global Challenge.**

Section Organizers: Aziz Ajlan, Khalid Alhudaib, Jose Romeno Faleiro

[http://www.rovensoc.co.uk/meetings/20140803\\_ece2014\\_author\\_and\\_programme\\_listing.htm](http://www.rovensoc.co.uk/meetings/20140803_ece2014_author_and_programme_listing.htm))

2013 ESA 61<sup>st</sup> Annual Meeting (Entomology 2013), November 10-13, 2013, Austin, Texas, USA.

**The Menace of Palm Weevils: Challenges and Strategies.**

Symposium Organizers: Aziz Ajlan and Khalid Alhudaib

<http://esa.confex.com/esa/2013/webprogram/Session19412.html>)

2013 ESA 61<sup>st</sup> Annual Meeting (Entomology 2013), November 10-13, 2013, Austin, Texas, USA.

**International Branch Meeting.**

Organizer: Aziz Ajlan

<http://esa.confex.com/esa/2013/webprogram/Session20808.html>)

2012 ESA 60<sup>th</sup> Annual Meeting (Entomology 2012), November 11-14, 2012, Knoxville, Tennessee, USA.

**Red Palm Weevil, *Rhynchophorus ferrugineus*. What's Next?**

Symposium Organizers: Aziz Ajlan and Khalid Alhudaib

<http://esa.confex.com/esa/2012/webprogram/Session17269.html>)

2012 ESA 60<sup>th</sup> Annual Meeting (Entomology 2012), November 11-14, 2012, Knoxville, Tennessee, USA.

***Tuta absoluta* - The global threat of tomatoes.**

Symposium Organizers: Aziz Ajlan, Khalid Alhudaib and Jamal Hajjar

<http://esa.confex.com/esa/2012/webprogram/Session17412.html>)

XXIV (24<sup>th</sup>) International Congress of Entomology 2012, Daegu, Korea, August 19 – 25, 2012  
Section 1011, **The contribution of IPM to food security in the developing world.**

Symposium Organizers: Christian Borgemeister (Kenya) and Aziz Ajlan

(Saudi Arabia) <http://edunabi.com/~ice2012/download/Symposium.pdf>)

<http://ice2012.org/>)

**2011 ESA 59<sup>th</sup> Annual Meeting (Entomology 2011), November 13-16, 2011, Reno, Nevada, USA.**

**Can Entomologists Stop The Threat of Invasive Palm Weevils, (*Rhynchophorus*) spp.?**

Symposium Organizers: **Aziz Ajlan** and Khalid Alhudaib

<http://esa.confex.com/esa/2011/webprogram/Session14819.html>

**2008 ESA 56<sup>th</sup> Annual Meeting, November 16-19, 2008, Reno, Nevada, USA.**

**The Global Threat of Red Palm Weevil (RPW), *Rhynchophorus ferrugineus*, (Olivier) To Major Palm Species.**

Symposium Organizers: **Aziz Ajlan** and Khalid Alhudaib

<http://esa.confex.com/esa/2008/webprogram/Session7560.html>

### **JUDGING PANAEL MEMBER**

**2013: Chair of the Judging Panel for the Distinguished Achievement Award in Teaching.**  
(ESA) Entomological Society of America, Austin, Texas, USA (2013).

**2012: Chair of the Judging Panel for the Distinguished Achievement Award in Teaching.**  
(ESA) Entomological Society of America, Knoxville, Tennessee, USA (2012).

**2011: Chair of the Judging Panel for the Distinguished Achievement Award in Teaching.**  
(ESA) Entomological Society of America, Reno, Nevada, USA (2011).

**2010: Member of the Judging Panel for the Distinguished Achievement Award in Teaching.**  
(ESA) Entomological Society of America, San Diego, California, USA (2010).

### **PROFESSIONAL EXPERIENCE**

**Emeritus, Professor of Entomology (November 17, 2013)**

**January, 2012 to November 2013:**

Dean of Library, King Faisal University, Hofuf, Alhasa, Saudi Arabia.

**December, 2007 to November 2013:**

Professor of Entomology, Department of Arid Land Agriculture (Plant Protection Science Program), College of Agri. & Food Sciences, King Faisal University, Hofuf, Alhasa, Saudi Arabia.

**February, 2006 to January 2008:**

Vice Dean, Graduate Studies and Scientific Research, College of Agri. & Food Sciences, King Faisal University, Hofuf, Alhasa, Saudi Arabia.

**October, 2002 to December, 2007:**

Associate Professor of Entomology, Dept. of Plant Protection, College of Agri. & Food Sciences, King Faisal University, Hofuf, Alhasa, Kingdom of Saudi Arabia.

## August, 1995 to October, 2002:

Assistant Professor of Entomology, Dept. of Plant Protection, College of Agri. & Food Sciences, King Faisal University, Hofuf, Alhasa, Saudi Arabia.

## PROFESSIONAL SOCIETIES

- Arab Society for Plant Protection
- Entomological Society of America
- Entomological Society of Canada

## HONOR SOCIETIES

- Gamma Sigma Delta
- Sigma XI

## PUBLICATIONS

- 1) Alhudaib, K., **A. Ajlan** and J. Faleiro. (2018). Genetic diversity among *Rhynchophorus ferrugineus* populations from Saudi Arabia and India. Scientific Journal of King Faisal University (Basic and Applied Sciences), Vol. 19(1): 57-64.
- 2) Al-Zahrani, S., **A. Ajlan**, M. J. Hajjar and M. Albokari. (2015). Resistance of field strains of house fly *Musca domestica* L. to Diazinon insecticide in Riyadh City, Saudi Arabia. Journal of Jazan University, Applied Sciences Brach. 4(2): 1-8. (In Arabic).
- 3) Alzahrani, S., **A. Ajlan** and M.J. Hajjar. (2015). Resistance of field strains of house fly *Musca domestica* L. to three selected synthetic pyrethroid insecticides in Riyadh City, Saudi Arabia. Arab Journal of Plant Protection, 33(1): 66-71. (In Arabic).
- 4) Hajjar, M. J., **A. M. Ajlan** and M. H. Al-Ahmad. (2015). New Approach of *Beauveria bassiana* to Control the Red Palm Weevil (Coleoptera: Curculionidae) by Trapping Technique. J. Econ. Entomol. 108(2): 425–432. (DOI: 10.1093/jee/tou055).
- 5) Faleiro, J. R., H. A. F. El-Shafie, **A. M. Ajlan** and A. A. Sallam. (2014). Screening date palm cultivars for resistance to red palm weevil, *Rhynchophorus ferrugineus* (Coleoptera: Curculionidae). Florida Entomologist. 97(4): 1529-1536.
- 6) Abo-El-Saad, Mahmoud Massoud, Khalid Abdullah Alhudaib and Abdulaziz Mohamed Al Ajlan. (2014). Comparative Toxicity of Selected Insecticides to Phytoplasma Transmitted Leafhopper *Cicadulina bipunctata* (Melichar). Journal of Agricultural Science and Technology A 4: 514-520.
- 7) Al Saoud, A. and **A. Ajlan**. (2013). Effect of date fruits quantity on the numbers of red palm weevil, *Rhynchophorus ferrugineus* (Olivier), captured in aggregation pheromone traps. Agric. Biol. J. N. Am., 2013, 4(4): 496-503. (doi:10.5251/abjna.2013.4.4.496.503)
- 8) Faleiro, J.R, A. Ben Abdallah, M. El-Bellaj, **A. M. Al Ajlan** and A. Oihabi. (2012). Threat of the red palm weevil, *Rhynchophorus ferrugineus* (Olivier) to date palm plantations in North Africa. Arab J. Pl. Prot. 30(2): 274-280.

- 9) Basedow, T., H.A.F. El Shafie, M.M. Abo-El-Saad and **A.M. Al Ajlan**. (2012). Evaluation of *Bacillus thuringiensis aizawai* and Neem for Controlling the Larvae of the Greater Wax Moth, *Galleria mellonella* (Lepidoptera: Pyralidae). *Int. J. Agric. Biol.* 14(4): 629-632.
- 10) Abo-El-Saad, M.M., H.A. Elshafie, **A.M. Al Ajlan** and I.A. Bou-Khowh. (2011). Non-chemical alternatives to methyl bromide against *Ephestia cautella* (Lepidoptera: Pyralidae): microwave and ozone. *Agric. Biol. J. N. Am.* 2(8): 1222-1231.  
(doi:10.5251/abjna.2011.2.8.1222.1231)
- 11) El-Mergawy, R. A. A. M. and **A. M. Al Ajlan** (2011). Studies on the Molecular Phylogeny of Coleoptera: Curculionidae, Staphylinidae and Carabidae Based on the Mitochondrial *Cytochrome Oxidase I* Gene. *Journal of Agricultural Science and Technology* A1(6): 866-875.
- 12) Abo-El-Saad, M. M., **A. M. Al Ajlan**, M. A. Al-Eid and I. A. Bou-Khowh. (2011). Repellent and Fumigant Effects of essential oil from clove buds *Syzygium aromaticum* L. against *Tribolium castaneum* (Herbst) (Coleoptera: Tenebrionidae). *Journal of Agricultural Science and Technology* A1(4): 613-620.
- 13) El-Mergawy, R. A. A. M., **A.M. Al Ajlan**, N. Abdallah, M. I. Nasr and J. F. Silvain, (2011). Genetic Comparison among *Rhynchophorus ferrugineus* and Four *Rhynchophorus* species. *Journal of Agricultural Science and Technology* B1(4): 610-615.
- 14) Rui-Ting, Ju, **Aziz Ajlan**. (2011). Establishment and potential risks of a new invasive pest, red palm weevil *Rhynchophorus ferrugineus* in China. *Arab J. Pl. Prot.* 29(1): 122-130.
- 15) El-Mergawy, R. A. A. M., **A. M. Al Ajlan**, N. Abdalla, V. Vassiliou, C. Capdevielle-Dulac, D. C. Kontodimas, J. F. Silvain and M. I. Nasr. (2011). Preliminary Study on Geographical Variation of *Cytochrome b* gene and ITS2-rDNA among Populations of *Rhynchophorus ferrugineus*. *Journal of Agricultural Science and Technology* B1(2): 189-197.
- 16) El-Mergawy, R. A. A. M. and **A. M. Al-Ajlan**. (2011). Red Palm Weevil, *Rhynchophorus ferrugineus* (Olivier): Economic Importance, Biology, Biogeography, and Integrated Pest Management. *Journal of Agricultural Science and Technology* A1(1): 1-23.
- 17) El-Mergawy, Rabab A. A. M., **Abdualziz M. Al Ajlan**, Naglaa A. Abdallah, Mahmoud I. Nasr and Jean-François Silvain. (2011). Determination of Different Geographical Populations of *Rhynchophorus ferrugineus* (Olivier) (Coleoptera: Curculionidae) using RAPD-PCR. *Int. J. Agric. Biol.* 13(2): 227–232.
- 18) **Ajlan, Aziz**. (2009). The Red Palm Weevil. The Science Advisory Board is the *world's most established network of life scientists!* The Science Advisory Board is a registered service mark of BioInformatics, LLC. (<http://www.scienceboard.net/community/perspectives.239.html>)
- 19) **Al-Ajlan, A. M.** (2008). Red Palm weevil, *Rhynchophorus ferrugineus* (Olivier) (Coleoptera: Curculionidae). *In:* John L. Capinera (ed.) *Encyclopedia of Entomology*, Springer Netherlands Publishers, pp. 3127-3130. Version: eReference (online access), 2nd ed., SpringerLink Date Saturday, August 23, 2008.  
(<http://springerlink.com/content/j38072/?p=860f240b8247485d8e0b7158cffe77df&pi=0>)

- 20) **Al-Ajlan, A. M.** (2007). Relationship between desert locust, *Schistocerca gregaria* (Forskål), infestation, environmental factors and control measures in Gazan and Makkah Regions, Saudi Arabia. Pak. J. Biol. Sci. 10(20): 3507-3515.
- 21) **Al-Ajlan, A. M.** (2007). Relationship of whitefly infestation to vegetables with the environmental conditions in Al-Hasa, Saudi Arabia. J. Product. & Dev. 12(1): 71-80.
- 22) **Ajlan, A. M.**, G. A. Ghanem and K. S. Abdulsalam. (2007). Tomato yellow leaf curl (TYLVCV) in Saudi Arabia: Identification, partial characterization and virus-vector relationship. Arab Journal of Biotechnology. Vol. 10(1): 179-192.
- 23) Abo-El-saad, M. M, **A. M. Al-Ajlan.** (2006). An acetylcholinesterase from red Palm weevil, *Rhynchophorus ferrugineus* (Olivier) (Coleoptera: Curculionidae): Partially purification and biochemical characterization. The Egyptian Science Magazine. Vol. 3(2): 47-53.
- 24) Shawir, M. S., K. S. Abdulsalam, **A. M. Ajlan** and A. M. Al-Jabr. (2006). Biological Activity of Imidacloprid to red palm weevils, *Rhynchophorus ferrugineus* (Olivier) stages. Alex. J. Pharm. Sci. 20(2): 67-71.
- 25) **Ajlan, A. M.** (2006). Impacto cultural, historia natural y manejo del picudo rojo de las palmeras en Arabia Saudita. (Cultural Impact, Natural History, and Management of the red palm weevil in Saudi Arabia). pp. 79-91. *In*: I Jornada Internacional sobre el Picudo Rojo de las Palmeras. Agroalimid. Fundaci3n De La Comunidad Valenciana Para La Investigaci3n Agroalimentaria. Generalitat Valenciana, Conselleria D'Agricultura, Pesca I Alimentaci3. (In Spanish and English).
- 26) **Al-Ajlan, A. M.** and K. S. Abdulsalam. (2005). Efficacy of two pheromone types on red palm weevil, *Rhynchophorus ferrugineus* under Saudi Arabia conditions. Indian Journal of Plant Protection 33(2): 220-222.
- 27) **Ajlan, A. M.** (2005). Field evaluation of certain insecticides against whitefly, *Bemisia tabaci* Genn. (Homoptera: Alyrodidae), in Al-Hasa, Saudi Arabia. J. Agric. Sci. Mansoura Univ., 30(10): 6269-6274.
- 28) **Al-Ajlan, A. M.**, K. S. Abdulsalam and M. M. Abo-El-Saad. (2005). Mixing petroleum oils with insecticides diminishes resistance of whiteflies, *Bemisia tabaci* (Gennadius) (Homoptera: Aleyrodidae). The Egyptian Science Magazine. Vol. 2(2): 38-43.
- 29) Abo-El-Saad, M. M., K. S. Abdulsalam and **A. M. Al-Ajlan.** (2005). Biochemical mechanisms of insecticide resistance in whiteflies, *Bemisia tabaci* (Gennadius) (Homoptera: Aleyrodidae). The Egyptian Science Magazine. Vol. 2(2): 44-50.
- 30) **Al-Ajlan, A. M.** (2005). Whiteflies *Bemesia* spp. and thrips *Thrips* spp. Monitored in greenhouses at three Districts in Saudi Arabia. Scientific Journal of King Faisal University (Basic and Applied Sciences). Vol. 6(2): 99-107.
- 31) Abo-El-saad, M. M. and **A. M. Al-Ajlan.** (2005). The Interaction of Pesticides with bioenergetic system and protein kinases is cell biology. Scientific Journal of King Faisal University (Basic and Applied Sciences). Vol. 6(2): 109-136.



- 32) **Al-Ajlan, A. M.** (2004). Red Palm weevil, *Rhynchophorus ferrugineus* (Olivier) (Coleoptera: Curculionidae). **In:** John L. Capinera (ed.) Encyclopedia of Entomology, Kluwer Academic Publishers, Norwell, MA, USA, pp. 1876-1879.
- 33) **Al-Ajlan, A. M.** (2004). Study on wild (Solitary) bees as crop pollinators in Al-Hasa District, Kingdom of Saudi Arabia. Arab J. Pl. Prot. 22: 77-81 (In Arabic).
- 34) Ghanem, G. A. M., **A. M. Al-Ajlan** and K. S. Abdulsalam. (2003). A Whitefly-Transmitted Geminivirus Infecting Bean (*Phaseolus vulgaris* L.) Plants in Saudi Arabia. Egypt. J. Phytopathol. Vol. 31(1-2): 1-15.
- 35) Abo-El-saad, M. M. and **A. M. Al-Ajlan**. (2003). Zymography and radial diffusion analysis of Trypsin-like enzyme from larval midgut of red palm weevil, *Rhynchophorus ferrugineus* (Olivier). Alex. J. Pharm. Sci. 17(2): 95-99.
- 36) Abdulsalam, K. A., M. S. Shawir, M. A. Rezk, and **A. M. Ajlan**. (2002). Laboratory evaluation of certain insecticides against field stains of whiteflies and aphids. The Proceeding of the second conference of Sustainable Agricultural Development. Cairo University, Fayoum Branch, College of Agriculture, 426-432. (May 8-10, 2002).
- 37) **Co-Author of Text book (2005):** Introduction of Entomology (Lecture and Practical) (104 HM), Department of Curricula Design & Development, General Organization for Technical Education and Vocational Training (GOTEVOT), <http://www.gotevot.edu.sa/english/Default.htm>  
<http://cdd.gotevot.edu.sa/college/environment/pdf/env217.pdf>
- 38) **Co-Author of Text book (2005):** Medical Entomology (Lecture and Practical) (204 HM), Department of Curricula Design & Development, General Organization for Technical Education and Vocational Training (GOTEVOT), <http://www.gotevot.edu.sa/english/Default.htm>  
<http://cdd.gotevot.edu.sa/college/environment/pdf/env204.pdf>
- 39) **Co-Author of Text book (2005):** Control of Medical Entomology (Lecture and Practical) (217 HM), Department of Curricula Design & Development, General Organization for Technical Education and Vocational Training (GOTEVOT), <http://www.gotevot.edu.sa/english/Default.htm>  
<http://cdd.gotevot.edu.sa/college/environment/pdf/env217.pdf>
- 40) **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.
- 41) 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.
- 42) 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.



- 43) **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.
- 44) **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.
- 45) **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.
- 46) **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.
- 47) 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. (In Arabic).
- 48) **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.
- 49) **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.
- 50) 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.
- 51) **Ajlan, A. M.** (1986). Desert locust control. Extension Bulletin 42. Ministry of Agriculture & Water, Riyadh. 8 pp. (In Arabic).
- 52) **Ajlan, A.** (1986). Desert locust. Extension Bulletin 40. Ministry of Agriculture & Water, Riyadh. 8 pp. (In Arabic).
- 53) **Ajlan, A.** (1986). Locusta (The Migratory locust). Extension Bulletin 36. Ministry of Agriculture & Water, Riyadh. 8 pp. (In Arabic).
- 54) 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.
- 55) **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.

## PAPER PRESENTATIONS

- 1) Jamal Hajjar and **Aziz Ajlan**. (2015). Integration of repellency effect of Neem insecticide with bio-pheromone trap of *Beauveria bassiana* to control *Rhynchophorus ferrugineus*. Presented at (Entomology 2015) the ESA Annual Meeting (Entomological Society of America) with the American Society of Agronomy, the Crop Science Society of American, and the Soil Science Society of American. Minneapolis, Minnesota, USA. November 15-18, 2015.
- 2) Ahmed Al Saud and **Abdulaziz Ajlan**. (2014). Effect of date fruits quantity on the numbers of red palm weevil, *Rhynchophorus ferrugineus* (Olivier) captured in aggregation pheromone traps. Presented at the 11<sup>th</sup> Arab Congress of Plant Protection, Amman, Jordan, November 9-13, 2014.
- 3) **Aziz Ajlan**. (2013). IPM of the red palm weevil, *Rhynchophorus ferrugineus*, and its contribution to food security in the Kingdom of Saudi Arabia. Presented at King Abdullah University of Science and Technology, Thuwal, March 15-18, 2013.
- 4) Khalid Alhudaib, **Aziz Ajlan** and J.R. Faleiro. (2012). Genetic diversity of *Rhynchophorus ferrugineus* population from Saudi Arabia and India. Presented (Entomology 2012) at the ESA's 60<sup>th</sup> Annual Meeting (Entomological Society of America). Knoxville, Tennessee, USA. November 11-14, 2012. (<https://esa.confex.com/esa/2012/webprogram/Session17269.html>)
- 5) Khalid Alhudaib and **Aziz Ajlan**. (2012). Genetic study of *Tuta absoluta* in Saudi Arabia. Presented (Entomology 2012) at the ESA's 60<sup>th</sup> Annual Meeting (Entomological Society of America). Knoxville, Tennessee, USA. November 11-14, 2012.
- 6) Saad Alzahrani, **Aziz Ajlan** and Jamal Hajjar. (2012). Susceptibility and resistance of *Musca domestica* in Riyadh, Saudi Arabia. Presented at The 2012 Joint Annual Meeting between the Entomological Society of Alberta and the Entomological Society of Canada, Edmonton, Canada. November 3-7, 2012.
- 7) **Aziz Ajlan**. (2012). IPM in date palms and its contribution to food security in the Middle East. XXIV International Congress of Entomology 2012, Daegu, Korea, August 19 – 25, 2012.
- 8) **Aziz Ajlan** and Nawal A. Al-Fuhaid. (2012). Bioactivity of some plant oils on the desert locust, *Schistocerca gregaria* (Orthoptera: Acrididae). Presented at 1<sup>st</sup> Annual World Congress of Biodiversity-2012 (BioD-2012). Xi'an, China April 25-28, 2012.
- 9) **Ajlan, A.**, Khalid Alhudaib and J. R. Faleiro. (2011). [www.redpalmweevil.com](http://www.redpalmweevil.com). Presented at (Entomology 2011) the ESA's 59<sup>th</sup> Annual Meeting (Entomological Society of America). Reno, Nevada, USA. November 13-16, 2011.
- 10) Alhudaib, Khalid, **Aziz Ajlan** and J.R. Faleiro. (2011). Phylogenetic relationship between *Rhynchophorus ferrugineus* (Olivier) population from India and Saudi Arabia Presented at (Entomology 2011) the ESA's 59<sup>th</sup> Annual Meeting (Entomological Society of America). Reno, Nevada, USA. November 13-16, 2011.

- 11) **Ajlan, A.** and Khalid Alhudaib. (2010). Two forms of citrus Greening disease and their psyllid vectors in Saudi Arabia. Presented at the potential invasive pests workshop. Miami (Coconut Grove), Florida, USA. October 10-14, 2010.
- 12) **Ajlan, A.**, Khalid Alhudaib, J. R. Faleiro and Khaled Al Abdulsalam. (2010). [www.redpalmweevil.com](http://www.redpalmweevil.com) – First global portal for the red palm weevil. Presented at the potential invasive pests workshop. Miami (Coconut Grove), Florida, USA. October 10-14, 2010.
- 13) **Ajlan, A.** (2010). Occurrence of desert locust *Schistocerca gregaria* (Forskål) (Orthoptera: Acrididae) in Saudi Arabia. Presented at the Australian Entomological Society's 41<sup>st</sup> AGM & Scientific Conference. Perth, Australia. September 26-30, 2010.
- 14) **Ajlan, A.**, Khalid Alhudaib, J. R. Faleiro and Khaled Al Abdulsalam. (2010). World Palms are under threat by the red palm weevil, (*Rhynchophorus ferrugineus*). Presented at the 4th International Date Palm Conference. Abu Dhabi, United Arab Emirates. October 15-17, 2010.
- 15) Alhudaib, Khalid, **Abdulaziz Al-Ajlan**, Romeno Faleiro and Khaled Al-Abdulsalam. (2009). Red palm weevil in 60 seconds. Presented at the 10<sup>th</sup> Arab Congress of Plant Protection. Arab Society for Plant Protection and National Council for Scientific Research. Beirut, Lebanon. October 26-30, 2009.
- 16) El Messoussi, S., A. Lahrouni, M. Afif and **A. M. A. Al-Ajlan**. (2009). Modeling of population dynamics of fruit fly insect. Presented at the 10<sup>th</sup> Arab Congress of Plant Protection. Arab Society for Plant Protection and National Council for Scientific Research. Beirut, Lebanon. October 26-30, 2009.
- 17) **Ajlan, A.**, Khalid Alhudaib, J. R. Faleiro. (2009). Managing the problem of red palm weevil, *Rhynchophorus ferrugineus*. Presented at the Joint Annual Meeting of the Entomological Society of Canada and the Entomological Society of Winnipeg, Manitoba, Canada. October 18-22, 2009.
- 18) **Ajlan, A.**, Khalid Alhudaib, J. R. Faleiro and Khaled Al Abdulsalam. (2009). Global threat of the red palm weevil. Presented at **DARWIN 200: Evolution & Biodiversity** (the combined Australian and New Zealand Entomological Society's 40<sup>th</sup> AGM and Scientific Conference / Society of Australian Systematic Biologists / Invertebrate Biodiversity & Conservation Conference). Darwin, Australia. September 25-28, 2009.
- 19) **Ajlan, A.** (2008). The Cultural Impact of the red palm weevil and its management in Saudi Arabia. Presented at the ESA's 56<sup>th</sup> Annual Meeting (Entomological Society of America). Reno, Nevada, USA. November 16-19, 2008.
- 20) Alhudaib, K., **A. M. Al-Ajlan**, Abdallah Ben Abdallah and J. R. Faleiro. (2008). Date palm farming practices in relation to red palm weevil, *Rhynchophorus ferrugineus* (Olivier) infestation in the Gulf region of Middle East. Presented at the ESA's 56<sup>th</sup> Annual Meeting (Entomological Society of America). Reno, Nevada, USA. November 16-19, 2008.

- 21) JU Rui-Ting and **A. Ajlan**. (2008). Prediction of suitable distributions of red palm weevil, *Rhynchophorus ferrugineus* (Olivier), (Coleoptera: Curculionidae) in China with analysis of bio-climatic matching. Presented at the ESA's 56<sup>th</sup> Annual Meeting (Entomological Society of America). Reno, Nevada, USA. November 16-19, 2008.
- 22) Al-Fuhid, N. A. and **A. M. Al-Ajlan**. (2008). The potential of some plant oils for use in desert locust IPM. Presented at the Joint Meeting of the Entomological Society of Canada and the Entomological Society of Ontario, Ottawa, Ontario, Canada. October 19-22, 2008.
- 23) Al-Fuhid, N. A. and **A. M. Al-Ajlan**. (2008). Can Some Plant Oils be used to Control Desert locust? Presented at The Second Arab Conference, Applications for Biological Control of Pests, Egyptian Society for Biological Control of Pests (ESBCP), Biological Control Center, Faculty of Agriculture, Cairo University, Giza, Egypt. April 7 - 10, 2008.
- 24) Al-Fuhid, N. A. and **A. M. Al-Ajlan**. (2007). Preliminary result on the Effect of Some Plant Oils on the Control of Desert locust, *Schistocerca gregaria* (Forskål) (Orthoptera: Acrididae). Presented at Joint Meeting of the Entomological Society of Canada and the Entomological Society of Saskatchewan, Saskatoon, Saskatchewan, Canada. September 29 – October 3, 2007.
- 25) **Al-Ajlan, A.**, K. Alhudaib and K. Al-Abdulsalam. (2007). How do you know about the RPW distribution globally in a minute? Presented at the First International Conference Of Date Palm On Integrated Crop Management Of Date Palm and Its Impacts For Producing Clean And Safety Dates. Plant Protection Research Institute and Central Laboratory for Date Palm Research & Development. Egypt. September 2-4, 2007.
- 26) Alhudaib, K., **A. Al-Ajlan** and K. Al-Abdulsalam. (2007). [www.redpalmweevil.com](http://www.redpalmweevil.com) The first worldwide website of the red palm weevil, *Rhynchophorus ferrugineus* (Olivier) (Coleoptera: Curculionidae). Presented at Fourth Symposium on Date Palms in Saudi Arabia (Challenges of Processing, Marketing and Pests Control), Date Palm Research Center, King Faisal University, Hofuf, Kingdom of Saudi Arabia. May 5-8, 2007 (18-21 Rabi-II 1428H).
- 27) **Ajlan, A.** (2006). Using Biotechnology Techniques to Detect Whitefly Transmitted Geminiviruses in Saudi Arabia Presented at Joint Meeting of the Entomological Society of Canada and the Société d'entomologie du Québec. Montréal, Qc, Canada, November 18-22, 2006.
- 28) **Ajlan, A.** (2005). Cultural Impact, Natural History, and Management of the red palm weevil, *Rhynchophorus ferrugineus*, in Saudi Arabia. Presented at the GCC Date and Palm Conference, Dubai, United Arab Emirates, December 5-6, 2005.
- 29) **Ajlan, A.** (2005). Cultural Impact, Natural History, and Management of the red palm weevil, *Rhynchophorus ferrugineus*, in Saudi Arabia. Presented at the International workshop, Valencia, Spain, November 28-30, 2005.
- 30) **Ajlan, A.** (2005). Occurrence of Desert Locust (*Schistocerca gregaria*) in Saudi Arabia. Presented at Joint Annual Meeting of the Entomological Society of Canada and the Entomological Society of Alberta, Canmore, Alberta, Canada, November 2-5, 2005.

- 31) **Ajlan, A.** (2004). Cultural Impact, Natural History, and Management of the red palm weevil, *Rhynchophorus ferrugineus* (Olivier), (Coleoptera: Curculionidae) in Saudi Arabia. Presented at Joint Annual Meeting of the Entomological Society of Canada and the Acadian Entomological Society, Charlottetown, Prince Edward Island (PEI), Canada, October 15-18, 2004.
- 32) **Ajlan, A.** (2004). Cultural Impact, Natural History, and Management of the red palm weevil, *Rhynchophorus ferrugineus* (Olivier), (Coleoptera: Curculionidae) in Saudi Arabia. Presented at the Department of Biology, Dalhousie University, Nova Scotia, Canada, November 5, 2004.
- 33) **Ajlan, A.** (2004). Thinking that the Kingdom of Saudi Arabia is .... Presented at Atlantic Food and Horticulture Research Centre, Kentville, Nova Scotia, Canada, November 8, 2004 and December 23, 2004.
- 34) **Ajlan, A.** (2004). Cultural Impact, Natural History, and Management of the red palm weevil in Saudi Arabia. Presented at Atlantic Food and Horticulture Research Centre, Kentville, Nova Scotia, Canada, April 19, 2004.
- 35) **Ajlan, A. M., K. S. Abdulsalam.** (2003). Controlling the red palm weevil, *Rhynchophorus ferrugineus* (Olivier) (Coleoptera: Curculionidae), by pheromone traps under Saudi Arabia conditions. Presented at the International conference on date palm and joint events in Al-Qaseem, College of Agri. and Vet. Med. King Saud University, Qaseem Barach. Sept. 19-22, 2003 (19-22 Rajab 1424H).
- 36) **Ajlan, A.** (2002). The control of red palm weevil in Saudi Arabia. Presented at Agricultural and water Resources Development Symposium in the Reign of the two holy mosques King Fahd Bin Abdul Aziz. King Faisal University, Al-Hasa, January 28-30, 2002 (14-16 Dhu Al-Qa'dah 1422H).
- 37) **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.
- 38) **Ajlan, A.** (2000). The red palm weevil of Saudi Arabia. Presented at the University of Kentucky, Lexington, Kentucky, USA, August 16, 2000.
- 39) **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.
- 40) **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 (Sha'ban 24-26, 1421H).

- 41) **Ajlan, A. M.**, M. S. Shawir, M. 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). 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 (Sha'ban 24-26, 1421H).
- 42) **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 (Sha'ban 24-26, 1421H).
- 43) **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.
- 44) **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.
- 45) **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.
- 46) **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.
- 47) **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.
- 48) **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.
- 49) **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.
- 50) **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.

- 51) **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.
- 52) **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.
- 53) **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

- 1) **Ajlan, A.,** K. Alhudaib, J. Hajjar and J. R. Faleiro. (2013). Why don't biological agents mitigate the global threat of red palm weevil, *Rhynchophorus ferrugineus*? Presented at the 4<sup>th</sup> International Symposium on Biological Control of Arthropods. Pucon, Chile. March 4-8, 2013.
- 2) **Ajlan, A.,** Khalid Alhudaib and J. R. Faleiro. (2012). The red palm weevil, *Rhynchophorus ferrugineus*, and IPM. Presented at the 7<sup>th</sup> International IPM Symposium, "IPM on the World Stage-Solutions for Global Pest Challenges," Memphis, Tennessee, USA. March 27-29, 2012.
- 3) Alhudaib, K., **A. Ajlan** and A. Rezk. (2011). Genetic study of tomato leaf miner, *Tuta absoluta* (Lepidoptera: Gelechiidae), the newly invasive pest to Saudi Arabia. Presented at the Joint Annual Meeting of the Entomological Society of Canada and the Acadian Entomological Society, Halifax, Nova Scotia, Canada. November 6-9, 2011.
- 4) Alhudaib, K., **A. Ajlan** and J. R. Faleiro. (2011). Determination of Geographical Populations of *Rhynchophorus ferrugineus* (Olivier) in Saudi Arabia and India. Presented at the 3<sup>rd</sup> combined Australian and New Zealand Entomological Societies Conference, Lincoln University, Christchurch. New Zealand, August 28-Sept. 1, 2011.
- 5) **Ajlan, A.,** K. Alhudaib, J. R. Faleiro and K. Abdulsalam. (2011). Red palm weevil, *Rhynchophorus ferrugineus* (Olivier), the worst invasive pest of palms. Presented at 2011 APS-IPPC Joint Meeting, Honolulu, Hawaii, USA. August 6-10, 2011.
- 6) **Ajlan, A.** and Khalid Alhudaib. (2010). Potential vectors of alfalfa phytoplasma in Saudi Arabia. Presented at the ESA's 58<sup>th</sup> Annual Meeting (Entomological Society of America). San Diego, California, USA. Dec. 12-15, 2010.
- 7) Alhudaib, K. and **A. Ajlan.** (2010). Al-Wijam, date palm phytoplasma, and its insect vectors in Saudi Arabia. Presented at the Joint Meeting of the Entomological Society of Canada and the Entomological Society of British Columbia, Vancouver, BC, Canada. October 31-November 3, 2010.



- 8) **Ajlan, A. M.** and N. A. Al-Fuhid. (2009). Can some plant oils be used in desert locust IPM? Presented at the ESA's 57th Annual Meeting (Entomological Society of America). Indianapolis, Indiana, USA. December 13-16, 2009.
- 9) **Ajlan, A. M.**, K. S. Abdulsalam and K. A. Al-hudaib. (2003). (ww.redpalmweevil.com) The first worldwide website of the red palm weevil, *Rhynchophorus ferrugineus* (Olivier) (Coleoptera: Curculionidae). Presented at the International conference on date palm and joint events in Al-Qaseem, College of Agri. and Vet. Med. King Saud University, Qaseem Branch. Sept. 19-22, 2003 (19-22 Rajab 1424H).
- 10) **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.

### ATTENDANCES OF CONFERENCES, SYMPOSIUMS, WORKSHOPS

- 1) Colloque méditerranéen sur les ravageurs des palmiers, Charançon rouge, *Rhynchophorus ferrugineus*, Papillon palmivore, *Paysandisia archon*, Opéra de Nice, France. 16, 17 et 18 janvier 2013 /// Palm pest Mediterranean conference, Red palm weevil, *Rhynchophorus ferrugineus*, Palm borer moth, *Paysandisia archon*, Opéra de Nice, France. January 16, 17 and 18, 2013.
- 2) Workshop on Medical and Therapeutic uses of honeybee products, Organized by Eng. Abdullah Baqshan Chair for Bee Research, King Saud University, Riyadh, Saudi Arabia. April 24-25, 2011. (20-21 Jamadi II 1432H).
- 3) Workshop on Red Palm Weevil, The Challenge. Organized by Saudi Basic Industries Corporation (SABIC), Riyadh, Saudi Arabia. March 30-31, 2010. (14-15 Rabi II 1431H).
- 4) Workshop on Date Palm Diseases & Control. University of Bahrain, College of Science Continuous Scientific Education Program. Bahrain, November 3, 2008.
- 5) Scientific Symposium: Dangers of Red Palm Weevil. SABIC, Riyadh, Saudi Arabia. March 25-26, 2008 (17-18 Rabi I 1429 H). Organizers: Saudi Basic Industries Corporation (SABIC), Riyadh, Saudi Arabia & Arab Fertilizer Association, Cairo, Egypt & Arab Organization for Agricultural Development, Khartoum, Sudan.
- 6) Forth International Conference for Development and Environment (F.I.C.D.E.) (The balance between the Development and Environment Conservation). Saudi Society of Agricultural Sciences, King Saud University, Riyadh Saudi Arabia, March 18 - 20, 2008 (10 – 13 Rabi I, 12429H).
- 7) Workshop of red palm weevil (New Techniques and Future). Joint workshop of the King Abdulaziz city for Science and Technology International and the Atomic Energy Agency and the Ministry of Agriculture. Riyadh, Saudi Arabia, April 2 - 3, 2007 (14 - 15 Rabi II 1428H).

## PEER-REVIEW ACTIVITIES

- 1) Journal reviewer for Journal of Agricultural Science and Technology A
- 2) Journal reviewer for Journal of Agricultural Science and Technology B

## HONORS & AWARDS

- 2008:** **V.I.P. Member, MADISON WHO'S WHO.** V.I.P. member in the 2008-2009 edition of the Madison Who's Who, Long Island City, New York, USA.
- 2008:** **Member of the year, MADISON WHO'S WHO.** Member of the year in the 2008-2009 edition of the Madison Who's Who, Long Island City, New York, USA.
- 2008:** **Membership, International Who's Who Historical Society™ and International Who's Who of Professionals™ network.** Washington, DC, USA.
- 2007:** **2007 Gold Medals for Saudi Arabia. Passion. Courage. Commitment. Success. Excellence. Virtue. Spirit.** American Biographical Institute. USA.
- 2007:** **Man of the year 2007.** American Biographical Institute. USA.
- 2007:** **20 years member pin.** Entomological Society of American. Lanham, Maryland, USA.
- 2005:** **Sliver Award for an Excellent Reviewer for Proposal Evaluation (2005).** King Abdulaziz City for Science and Technology, Riyadh, Kingdom of Saudi Arabia.
- 2002-2003:** **The Marquis 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® Sixth Edition 2002/2003) The Marquis who'sWho Publication Board).
- 2000-2002:** **2000 Outstanding Scientists of the 21st Century (2002).** The International Biographical Centre of Cambridge. England. "Decree of Merit".
- 1999:** **Honorable Order of Kentucky Colonels,** Commonwealth of Kentucky, Governor, Frankfort, Kentucky 40601, USA.
- 1990 :** **Gamma Sigma Delta,** USA.
- 1983:** **Sigma XI,** USA.

## SABBTICAL LEAVE

### February 2004 to February 2005:

Dr. Kenna MacKenzie, Agriculture and Agri-Food Canada, Atlantic Food & Horticulture Research Centre, Kentville, NS, Canada.

## **SCINCETIFIC COUMMINICATION**

### **July 1 to September 1, 2001:**

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

## **TRAINING COURSES**

### **June 19-29, 2011:**

An International Short Course in Agroecology, Integrated Pest Management (IPM) and Sustainable Agriculture, Michigan State University, East Lansing, MI, USA.

### **February 18 - 20, 2008:**

Improving my Communication as a Teacher. Communication Skills. Communication Skills workshop, Deanship of Development of University Education. Unit of Professional Development within the Development Project Creativity and Excellence of Faculty Members in Saudi Universities. Deanship of Development of University Education, King Faisal University, Hofuf, Al-Hasa, Saudi Arabia. King Faisal University. Hofuf, Alhasa, Saudi Arabia.

### **February 23 - 24, 2008:**

Teaching Strategies for Students of the University, Deanship of Development of University Education. Unit of Professional Development within the Development Project Creativity and Excellence of Faculty Members in Saudi Universities. Deanship of Development of University Education, King Faisal University, Hofuf, Al-Hasa, Saudi Arabia.

### **May 11, 2004:**

Defensive Driving Course. Canada Safety Council. Agriculture and Agri-Food Canada, Atlantic Food & Horticulture Research Centre, Kentville, NS, Canada.

### **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.

## **RESEARCH ACTIVITIES**

### **January, 1998 to Present:**

Co-constructor of the website: <http://www.redpalmweevil.com/>

**November, 2009 to November, 2011:**

Co-investigator for a research project supported by King Abdulaziz City for Science and Technology entitled “Phytoplasma disease in Date Palm in Saudi Arabia”. Proj. No. AT-28-111.

**November, 2009 to November, 2011:**

Co-investigator for a research project supported by King Faisal University entitled “Methyl Bromide Alternatives to Control *Ephestia cautella* (Walker)”.

**March, 2008 to February 2010:**

Co-investigator for a research project supported by King Faisal University entitled “Identification and characterization of phytoplasma and virus pathogens associated with alfalfa diseases in Eastern province, Saudi Arabia”.

**December, 2002 to 2007:**

Co-investigator for a research project supported by King Abdulaziz City for Science and Technology entitled “Control of whiteflies insect and its transmitted viruses in vegetable crops”. Proj. No. AT-20-24.

**March, 1996 to March, 2000:**

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. AT-15-88.

**September, 1995 to 2000:**

Member of the Scientific Team for the Red Palm Weevil between Ministry of Agriculture & Water and King Faisal University, College of Agri. & Food Sciences, King Faisal University, Hofuf, Al-Hasa, Kingdom of Saudi Arabia.

**May, 1994 to 1995:**

Member of the Scientific Team for the Red Palm Weevil between King Faisal University and Ministry of Agriculture & Water, Riyadh, Kingdom of Saudi Arabia.

## **HIGHER EDUCATION ACTIVITIES**

### **Major Advisor for Ph.D. Students**

- 1) **Nawal Bent Abd Al-Aziz Al-Fuhed (2009)**. Study on the Effects of Some Plants Oils on the Desert Locust, *Scistocerca gregaria* (Forskål). Ph.D. Dissertation. College of Education for Girls, Al-Karaj, Saudi Arabia.

### **Major Advisor for M.S. Students**

- 1) **Saad Mubarak Saad Alzahrani (2012)**. Susceptibility status of house flies field strains *Musca domestica* L. in Riyadh City to the traditional and new bioinsecticides. M.S. Thesis. Institute of Atomic Energy Research (IAER), King Abdulaziz City for Science and Technology (KACST), Riyadh, Saudi Arabia.

### Member of Advisory Committee for M.S. Students

- 1) **Abbas Alazab (2007)**. “Alternative Approach To Methyl Bromide For Controlling *Ephestia cautella* (Walker) (Lepidoptera: Pyralidae)”. M.S. Thesis. College of Agricultural & Food Sciences, King Faisal University, Hofuf, Al-Hassa, Saudi Arabia.
- 2) **Saad Naser Al-Tameem Al-Kahtani. (2003)**. “Ecological Studies on Some Activities of Honeybee Under Al-Hassa District Conditions-Kingdom of Saudi Arabia”. M.S. Thesis. College of Agricultural & Food Sciences, King Faisal University, Hofuf, Al-Hassa, Saudi Arabia.

### Outside/Inner Examiner for Dissertation (Ph.D.)

- 1) **Fatehia Nasser Ghrsan Al-Ghamdi. (2012)**. “Biological and behavioural effects of some natural and chemical compounds on *Oryzaephilus surinamensis*; and susceptibility of some dry date palm varieties to its infestation”. Ph.D. Dissertation. College of Science, Princess Nora Bint Abdul Rahman University, Riyadh, Saudi Arabia.
- 2) **Faiha’a Hamed Al-Abbar. (2010)**. “The Effect of Some Conventional Insecticides on The Most Important Parasitoids of Codling Moth (*Cydia pomonella* Linnaeus) and Woolly Apple Aphid (*Eriosoma lanigerum* Hausmann). Ph.D. Dissertation. Department of Plant Protection, Faculty of Agriculture, Damascus University, Damascus, Syria.
- 3) **Areej Abdelkareem Al Khalaf (2007)**. “Biological and Histopathological Studies On Some Plant Extracts Against *Culex quinquefasciatus* in Saudi Arabia”. Ph.D. Dissertation. Zoology Department, Girls College of Education/Science Section, Riyadh, Saudi Arabia.
- 4) **Sahar Ahmed Baker Fallatah. (2003)**. “Bioactivity And Histopathological Effects Of Some Plant Products And Microbiological Pesticides Against Potato Tuber Moth, *Phthorimaea operculella* (Lepidoptera: Gelechiidae)”. Ph.D. Dissertation. College of Science for Girls, Dammam, Saudi Arabia.
- 5) **Layla A. H. Al-Shareef. (2003)**. “Population Dynamics And Study Of Bioactivity Of Neem Seeds Extract On The Whitefly *Bemisia tabaci* (Gennadius) Infesting Tomato Plant In Jeddah”. Ph.D. Dissertation. Girls College of Education, Jeddah, Saudi Arabia.

### Outside/Inner Examiner for Thesis (M.S.)

- 1) **Mona Nasser Fouzan Al-Fouzan. (2012)**. “Toxicological and physiological responses of *Schistocerca gregaria* (Forsk.) treated with some mycotic, conventional and non-conventional insecticides”. M.S. Thesis. College of Science, Princess Nora Bint Abdul Rahman University, Riyadh, Saudi Arabia.
- 2) **Shaikah Abdullah Defullah Al-Amri. (2011)**. “Possibility of protecting cowpea seeds from infestation of cowpea beetle, *Callosobruchus maculatus* (F.) using some wild botanicals in Saudi Arabia”. M.S. Thesis. College of Science, Princess Nora Bint Abdul Rahman University, Riyadh, Saudi Arabia.
- 3) **Raja Abdulla Attiah Al-Zahrani. (2010)**. “Studies on whiteflies that infest vegetable plants in greenhouses”. M.S. Thesis. Girls College of Science, King Abdulaziz University, Jeddah, Saudi Arabia.

- 4) **Sarah A. A. Al-Jubran. (2009).** “Classification and Morphological Studies for Some Ecto- and Haemoparasites of Some Infected Farm Animals in Eastern Region of Kingdom of Saudi Arabia”. M.S. Thesis. College of Science for Girls, King Faisal University, Dammam, Saudi Arabia.
- 5) **Abbas Alazab. (2007).** “Alternative Approach To Methyl Bromide For Controlling *Ephestia cautella* (Walker) (Lepidoptera: Pyralidae)”. M.S. Thesis. College of Agricultural & Food Sciences, King Faisal University, Hofuf, Al-Hassa, Saudi Arabia.
- 6) **Hesham Abdulmohsen. (2007).** “The Biological Effects Of Honeybee Products And Some Plant Extracts On *Alternaria solani* And *Fusarium oxysporum*”. M.S. Thesis, College of Agricultural & Food Sciences, King Faisal University, Hofuf, Al-Hassa, Saudi Arabia.
- 7) **Nawal Bent Abd Al-Aziz Al-Fuhed (2003).** Effect Of Some Botanicals As Grain Protectants Against Infestation By *Trogoderma granarium* Everts. M.S. Thesis. College of Education for Girls, Riyadh, Saudi Arabia.
- 8) **Ayshah Mohammad Ahmed Al Qahtani. (1999).** “Toxicity Of Two Extracts Against The Red Palm Weevil Larvae *Rhynchophorus ferrugineus* Olivier In The Eastern Province-Kingdom Of Saudi Arabia”. M.S. Thesis. College of Science for Girls, Dammam, Saudi Arabia.
- 9) **Hathal M. H. Al Dhafer. (1997).** “Biological And Morphological Characteristics Of Red Palm Weevil *Rhynchophorus ferrugineus* (Olivier). (Curculionidae: Coleoptera) In Saudi Arabia”. M.S. Thesis. College of Agriculture, King Saud University, Riyadh, Saudi Arabia.

## BOOK REVIEW

- 1 Book review for Princess Nourah bint Abdulrahman University. 2013.

## MANUSCRIPT REVIEW PUBLICATIONS

- 1 Manuscript for Journal of Economic Entomology, Entomological Society of America (ESA), Annapolis MD, USA. 2018.  
<https://academic.oup.com/jee>
- 1 Manuscript for Journal ZooKeys, Pensoft, Sofia, Bulgaria. 2016.  
<http://zookeys.pensoft.net/>
- 1 Manuscript for The Open Plant Science Journal, Bentham Open. 2016. Sharjah, United Arab Emirates. <https://benthamopen.com/TOPJS/home/>
- 1 Manuscript for African Journal of Microbiology Research. 2012.  
[www.academicjournals.org/ajmr](http://www.academicjournals.org/ajmr)
- 2 Manuscript for International Journal of Tropical Insect Science. Nairobi, Kenya. 2012. <http://journals.cambridge.org/action/displayJournal?jid=JTI>
- 1 Manuscript for the Scientific Research and Essays. 5170-00200, Nairobi, Kenya. 2012. <http://www.academicjournals.org/SRE>

- 1 Manuscript for the Indian Journal of Science and Technology. Chennai-600 020, India. 2012. [www.indjst.org](http://www.indjst.org)
- 2 Manuscripts for the Agricultural Science Research Journal, International Research Journals. 2011. <http://www.resjournals.com>
- 10 Manuscripts for the Journal of King Saud University, College of Agriculture, Editorial Board, Riyadh, Saudi Arabia.
- 7 Manuscripts for the Journal of King Faisal University, College of Agriculture & Food Sciences, Hofuf, Alhasa, Saudi Arabia.
- 6 Manuscript for the First Scientific Conference of Students (Males and Females) in Higher Education, Ministry of Higher Education, Riyadh, Saudi Arabia.
- 3 Manuscripts for the Journal of King Saud University, Saudi Society of Agricultural Sciences (SSAS), Riyadh, Saudi Arabia.
- 2 Manuscripts for the Journal of Plant Protection. A scientific Journal Published by the Arab Society for Plant Protection. Beirut, Lebanon.
- 1 Manuscript for the African Journal of Agricultural Research, Nairobi, Kenya.
- 1 Manuscript for the Saudi Journal of Biological Sciences., College of Science, King Saud University, Riyadh, Saudi Arabia. ISSN: 1018-3647 Imprint: ELSEVIER. (<http://ees.elsevier.com/sjbs/>)
- 1 Manuscript for the Journal of Agricultural Science and Technology, ISSN 1939-1250, USA.
- 1 Manuscript for the Indian Journal of Plant Protection. Hyderabad - 500 030, AP, India.
- 1 Book Evaluation for King Abdulaziz University, Permanent Committee for Academic Promotions, Jeddah, Saudi Arabia.
- 1 Manuscript for the Journal of King Saud University (Science), College of Science, King Saud University, Riyadh, Saudi Arabia. ISSN: 1018-3647 Imprint: ELSEVIER. (<http://ees.elsevier.com/jksus/>)
- 1 Book Evaluations for the Award Custodian of the Two Holy Mosques Abdullah bin Abdulaziz International Translation at its third session in 1430, Riyadh, Saudi Arabia.
- 1 Book Evaluations for King Abdulaziz University, Deanship of Scientific Research, Jeddah, Saudi Arabia.
- 1 Manuscript for the Journal of King Khalid University, Editorial Board, Abha, Saudi Arabia.



- 1 Manuscript for the Journal of King Saud University Deanship of Scientific Research, Research Center, College of Agriculture, Riyadh, Saudi Arabia.
- 1 Manuscript for the Journal of Al Azhar University (Natural Sciences) Gaza, Palestine.
- 1 Manuscript for Saudi Journal of Biological Sciences, Saudi Biological Society, College of Sciences, King Saud University, Riyadh, Saudi Arabia.
- 1 Manuscript for Agricultural Sciences, Sultan Qaboos University Journal for Scientific Research, Muscat, Sultanate of Oman.

## **PROPOSAL EVALUTION**

- 1 A research project for Princess Nourah bint Abdulrahman University. 2016.
- 17 Proposal Evaluations for King Abdulaziz City for Science and Technology, General Directorate of Research Grants Programs. Riyadh, Saudi Arabia.
- 4 Proposal Evaluations for King Abdulaziz University, Deanship of Scientific Research, Jeddah, Saudi Arabia.
- 3 Proposal Evaluations for King Abdulaziz University, Institute of Research Consultation, Jeddah, Saudi Arabia.
- 2 Proposal Evaluations for King Saud University, Science and Technology Unit, Branches Affairs, Riyadh, Saudi Arabia.
- 1 Proposal Evaluation for Fakieh Research & Development Center, Makkah, Saudi Arabia.
- 1 Proposal Evaluation for Sultan Qaboos University, Deanship of Postgraduate Studies and Research, Muscat, Sultanate of Oman.

## **COMMUNITY SERVICES**

Lecturing on the new strategies in research of plant protection, the desert locust, the red palm weevil and other insects for the community and College of Agriculture and Food Sciences, King Faisal University, Al-Hasa, and for the Centers and Directorate of the Ministry of Agriculture and Water in different regions of the Kingdom.

## **ACADEMIC COURSES TAUGHT**

- Advanced Integrated Pest Management
- Advanced Economic Entomology
- Advanced Insect Morphology
- Advanced Pest Ecology
- Apiculture (Honeybee Keeping)
- Economic Entomology

- Pests Biological Control
- Pests Ecology
- Pests of Field Crops
- Pests of Greenhouses
- Pests of Horticulture
- Principles of Plant Protection

## **COMMITTEES**

### **April, 2010 to Present:**

Member, Cultural and Sports Committee, College of Agriculture & Food Sciences, King Faisal University, Hofuf, Alhasa, Saudi Arabia.

### **March 18, 2009:**

Chairman of Sixth Scientific Session, 6th International Arab Apicultural Conference, Abha, Saudi Arabia. March 17-19, 2009 (20-22 Rabi-II 1430H).

### **May 5, 2007:**

Chairman of Discussion Forum: Red Palm Weevil, Fourth Symposium on Date Palms in Saudi Arabia (Challenges of Processing, Marketing and Pests Control), Date Palm Research Center, King Faisal University, Hofuf, Alhasa, Saudi Arabia. May 5-8, 2007 (18-21 Rabi-II 1428H).

### **May 6, 2007:**

Chairman of Biological Control System: Red Palm Weevil, Fourth Symposium on Date Palms in Saudi Arabia (Challenges of Processing, Marketing and Pests Control), Date Palm Research Center, King Faisal University, Hofuf, Alhasa, Saudi Arabia. May 5-8, 2007 (18-21 Rabi-II 1428H).

### **May 7, 2007:**

Co-Chairman of Session PC7: Insects II, Fourth Symposium on Date Palms in Saudi Arabia (Challenges of Processing, Marketing and Pests Control), Date Palm Research Center, King Faisal University, Hofuf, Alhasa, Saudi Arabia. May 5-8, 2007 (18-21 Rabi-II 1428H).

### **February 2007 to May 2007:**

Member, Arrangement Committee for ceremony/welcome H. R. Prince Sultan bin Abdulaziz Crown Prince, the Deputy Premier, Minister of Defense and Aviation to opening Fourth Symposium on Date Palms in Saudi Arabia (Challenges of Processing, Marketing and Pests Control), Date Palm Research Center, King Faisal University, Hofuf, Alhasa, Saudi Arabia. May 5-8, 2007 (18-21 Rabi-II 1428H).

### **February 2006 to May 2007:**

Member, Scientific Committee, Fourth Symposium on Date Palms in Saudi Arabia (Challenges of Processing, Marketing and Pests Control), Date Palm Research Center, King Faisal University, Hofuf, Alhasa, Saudi Arabia. May 5-8, 2007 (18-21 Rabi-II 1428H).

**December 2005 to May 2007:**

Member, Follow up Committee, Fourth Symposium on Date Palms in Saudi Arabia (Challenges of Processing, Marketing and Pests Control), Date Palm Research Center, King Faisal University, Hofuf, Alhasa, Saudi Arabia. May 5-8, 2007 (18-21 Rabi-II 1428H).

**December 2005 to March 2007:**

Chairman, Secretary Committee, Fourth Symposium on Date Palms in Saudi Arabia (Challenges of Processing, Marketing and Pests Control), Date Palm Research Center, King Faisal University, Hofuf, Alhasa, Saudi Arabia. May 5-8, 2007 (18-21 Rabi-II 1428H).

**February, 2005 to 2007:**

Chairman, Students Training Committee, College of Agriculture & Food Sciences, King Faisal University, Hofuf, Alhasa, Saudi Arabia.

**October, 2001 to 2004:**

Member, Reception and Guest Committee, Higher Education of Agriculture Symposium for Gulf Countries Counsel, King Faisal University, Hofuf, Alhasa, Saudi Arabia.

**October, 2001 to 2004:**

Member, Public Relation Committee, College of Agriculture & Food Sciences, King Faisal University, Hofuf, Alhasa, Saudi Arabia.

**February, 2000 to 2003:**

Member, Graduate Studies Committee, College of Agriculture & Food Sciences, King Faisal University, Hofuf, Alhasa, Saudi Arabia.

**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 Fahd Bin Abdulaziz, College of Agriculture & Food Sciences, King Faisal University, Hofuf, Alhasa, , Saudi Arabia. January 28-30, 2002.

**November 20-22, 2000:**

Chairman, Scientific Committee, First Workshop on Control of Date Palm Red Weevil. King Faisal University, Date Palm Research Center, Hofuf, Saudi Arabia. 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, Hofuf, , Saudi Arabia. Nov. 20-22, 2000 (Shaman 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, Hofuf, Alhasa, Saudi Arabia.

**March 25, 1997:**

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

**July, 1996 to 1999:**

College representative, University Community Services, King Faisal University, Hofuf, Alhasa, Saudi Arabia.

**September, 1995 to September, 1996:**

Chairman, College Community Services Committee, College of Agriculture & Food Sciences, King Faisal University, Hofuf, Alhasa, Saudi Arabia.