CURRICULUM VITAE

**Prof. Dr. Abdulrahman S. Aldawood**

**PROFESSOR**

Department of Plant Protection, College of Food and Agriculture Sciences

P. O. Box No. 2460 Riyadh 11451, King Saud University, Saudi Arabia

#### PERSONAL

Nationality: Saudi

Marital Status Married

Mailing Address: Dr. Abdulrahman S. Aldawood

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Web Sites:

[http://faculty.ksu.edu.sa/aldawood/default. aspx](http://faculty.ksu.edu.sa/aldawood/default.%20aspx)

<http://king-saud.academia.edu/DrAbdulrahmanSaadAldawood>

<http://sas.org.sa/ar/node/760>

[http://gap.entclub.org/taxonomists/Aldawood/index. html](http://gap.entclub.org/taxonomists/Aldawood/index.%20html)

http://www.antwiki.org/Aldawood, Abdulrahman\_S.

https://www.researchgate.net/home

Languages: Arabic and English

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#### ACADEMIC QUALIFICATION

# DEGREE YEAR AREA OF STUDY INSTITUTE

PhD 18-12-1998 Economic Entomology Dept. of Entomology

University of Minnesota

MS 14-08-1993 Economic Entomology Dept. of Entomology

University of Minnesota

BSc 26-01-1987 Plant Protection Plant Protection Department, College of Food and Agriculture Sciences King Saud

 University, Riyadh, KSA

####  EMPLOYMENT RECORD

**Administrative:**

Sept. 19, 2010 – Aug. 19, 2015 Assistant Vice Rector for Development and Quality

 Rectorate of Development and Quality

 King Saud University, Riyadh, Saudi Arabia

April 12, 2008 – Sept. 1, 2010 Vice Dean for Development and Quality Management

 College of Food & Agriculture Sciences

King Saud University, Riyadh, Saudi Arabia

Aug. 6, 2005 – April 11, 2008 Department Head

 Plant Protection Department

 College of Food &Agriculture Sciences

King Saud University, Riyadh, Saudi Arabia

**Academic:**

June 1, 2014- PresentProfessor

Plant Protection Department

 College of Food & Agriculture Sciences

King Saud University, Riyadh, Saudi Arabia

March 21, 2010 – May 30, 2014 Associate Professor

 Plant Protection Department

 College of Food & Agriculture Sciences

King Saud University, Riyadh, Saudi Arabia

May 30, 1999 – March 20, 2010 Assistant Professor

 Plant Protection Department

 College of Food & Agriculture Sciences

King Saud University, Riyadh, Saudi Arabia

June 9, 1987 – May 29, 1999 Teaching Assistant

 Plant Protection Department

 College of Food & Agriculture Sciences

King Saud University, Riyadh, Saudi Arabia

**RESEARCH INTEREST**

Ongoing projects on different aspects of Economic [Entomology](http://www.ent.iastate.edu/list/) including:

* Agricultural [pest](http://en.wikipedia.org/wiki/Pest_%28organism%29)  management: current research is on date palm pests management, [red palm weevil](http://en.wikipedia.org/wiki/Rhynchophorus_ferrugineus) biology, behavior, early detection, date palm [mites](http://en.wikipedia.org/wiki/Mite) management, and [date moths](http://en.wikipedia.org/wiki/Almond_moth) seasonal distribution.
* Research agreement between Economic Entomology Research Unit (Plant Protection Department) and the Holland company “Koppert” for the Biological control of the Red Palm Weevil inside infested trees using nematodes (2018).
* Research agreement between Economic Entomology Research Unit (Plant Protection Department) and the international company “Syngenta” for carrying out some field and laboratory experiments for the study of the efficiency of Revive compounds for the control of the Red Palm Weevil (2018).
* Insect surveys and their identification.
* Forest [pest](http://en.wikipedia.org/wiki/Pest_%28organism%29) management: current research is on seasonal distribution of [*Acacia*](http://en.wikipedia.org/wiki/Acacia) tree [insects](http://en.wikipedia.org/wiki/Insect), and survey of Entomofauna of western forest region of Saudi Arabia.
* [Feeding behavior:](http://en.wikipedia.org/wiki/Herbivore_adaptations_to_plant_defense) current research is on insects feeding behavior on their host plants (subjected to different stresses) using an electronic feeding monitor.
* Studying the seasonal distribution and life cycles of agricultural and forest insects and manage their numbers within an [IPM](http://en.wikipedia.org/wiki/Integrated_Pest_Management) approach concept.
* Insect biotechnology studies of insect pests for the purpose of identifying them and managing them.
* Large-scale discovery of new taxa and the analysis of diversity and distribution patterns of ants in poorly known areas of the Arabian Peninsula.
* Species-level taxonomic revisions.

Undergraduate level:

**EDUCATIONAL INTEREST**

[PLPT 201 Basics of Crop Protection (Insect part)](http://faculty.ksu.edu.sa/aldawood/Pages/PLPT201BasicsofCropProtection%28Insectpart%29.aspx) 3 (2+1)

[PLPT 242 Insect Pests of Field and Garden Crops](http://faculty.ksu.edu.sa/aldawood/Pages/PLPT242ARB.aspx) 3 (2+1)

[PLPT 303 Insect Pests of Forest and range plants 4](http://faculty.ksu.edu.sa/aldawood/Pages/PLPT303.aspx)  (3+1)

PLPT 405 Research and Discussion

[PLPT 405 Field Training](http://www.ksu.edu.sa/sites/Colleges/Arabic%20Colleges/CollegeOfAgriculture/preservation/Pages/405%D9%88%D9%82%D9%86.aspx) 3 (3+0)

**Graduate level:**

AGRI 501 Scientific Research 1 (1+0)

[PLPT 502 Insect Pests – Advanced](http://www.ksu.edu.sa/sites/Colleges/FoodsAndAgriculture/PlantProtection/Pages/PlantProtGradCourse.aspx#plpt   502      insect pests) 3 (2+1)

[PLPT 505 Insect Biology](http://www.ksu.edu.sa/sites/Colleges/FoodsAndAgriculture/PlantProtection/Pages/PlantProtGradCourse.aspx#PLPT   590      selected topics) 3 (2+1)

[PLPT 510 Recent Approaches of Insect Control 1](http://www.ksu.edu.sa/sites/Colleges/FoodsAndAgriculture/PlantProtection/Pages/PlantProtGradCourse.aspx#plpt   510      recent approaches in insect pest control)  (1+0)

[PLPT 525 Pest of Wood Trees and Pastures](http://www.ksu.edu.sa/sites/Colleges/FoodsAndAgriculture/PlantProtection/Pages/PlantProtGradCourse.aspx#plpt   525      pests of wood trees and pastures)

[PLPT 539 Pests and Diseases of Date Palm Trees](http://www.ksu.edu.sa/sites/Colleges/FoodsAndAgriculture/PlantProtection/Pages/PlantProtGradCourse.aspx#PLPT   539      pests and diseases of date-palm trees) 2 (1+1)

[PLPT 590 Selected Topics](http://www.ksu.edu.sa/sites/Colleges/FoodsAndAgriculture/PlantProtection/Pages/PlantProtGradCourse.aspx#PLPT   590      selected topics) 1 (1+0)

[PLPT 595 Seminar](http://www.ksu.edu.sa/sites/Colleges/FoodsAndAgriculture/PlantProtection/Pages/PlantProtGradCourse.aspx#plpt   595      seminar) 1 (1+0)

[PLPT 600 Thesis and Research](http://www.ksu.edu.sa/sites/Colleges/FoodsAndAgriculture/PlantProtection/Pages/PlantProtGradCourse.aspx#PLPT   600      research and thesis) 6 (6+0)

[PLPT 690 Selected Topics](http://www.ksu.edu.sa/sites/Colleges/FoodsAndAgriculture/PlantProtection/Pages/PlantProtGradCourse.aspx#PLPT   590      selected topics)

[PLPT 695 Seminar](http://www.ksu.edu.sa/sites/Colleges/FoodsAndAgriculture/PlantProtection/Pages/PlantProtGradCourse.aspx#plpt   595      seminar)

[PLPT 700 Thesis and Research](http://www.ksu.edu.sa/sites/Colleges/FoodsAndAgriculture/PlantProtection/Pages/PlantProtGradCourse.aspx#PLPT   600      research and thesis)

**SUPERVISION OF GRADUATE (MASTER) STUDENTS**

* **Abdul-Monem. A. Al-Shawaf** (Saudi) (2004 - 2008)

Thesis title: **Toxicity of certain insecticides to *Rhynchophorus ferrugineus*in relation to acetylcholinesterase (AChE) and monooxygenases (MFOs) activities.**

* **Abdullah Alrakban** (Saudi) (2007 - 2010)

Thesis title: **The Effect of N2 and CO2 Mixture on Almond Moth Immature Stages, *Ephestia cautella* (Walker).**

* **Noora Alakeel** (Saudi) (2008 - 2012)

Thesis title: **Effect of low temperature on almond moth immature stages, *Ephestia cautella* (Walker) (Lepidoptera: Pyralidae).**

* **Alan Soffan** (Indonesian) (2008 - 2012)

Thesis title**: Feeding behavior and biological performance of Cowpea aphid, *Aphis craccivora* Koch (Homoptera:Aphidae), on faba bean, *Vicia faba*, L., cultivars.**

* **Mureed Husain Fareed** (Pakistani) (2009 - 2013)

Thesis title: **Effective factors on the efficacy of gases CO2, N2, and Ozone on the larval instar of Almond moth, *Ephestia cautella* (Walker), (Lepidoptera: Pyralidae).**

* **Koko Dwi Sutanto** (Indonesian) (2009 - 2014)

Thesis title: **Impact of Natural Additives on Persistence of Baculoviruses Spli MNPV against Cotton leafworm, *Spodoptera littoralis* (Boisd.) (Lepidoptera: Noctuidae).**

* **Shehzad Salman** (Pakistani) (2012 - Present)

Thesis title: **Ant fauna (Hymenoptera: Formicidae) of Riyadh Province, Kingdom of Saudi Arabia**.. (2012 -2018)

**SUPERVISION OF GRADUATE (PhD) STUDENTS**

* **Sukirno** (Indonesian) (2010 - 2016)

Thesis title: **Morphological and Molecular Characterizations of Red Palm Weevil, *Rhynchophorus ferrugineus* Oliv. (Curculionidae: Coleoptera) from Saudi Arabia and Indonesia.**

* **Alan Soffan** (Indonesian) (2012 - 2017)

Thesis title: **Molecular cloning and functional characterization of odorant receptor in Red palm weevil, *Rhynchophorus ferrugineus*.**

* **Khalid Mehmood** (Pakistani) (2010 – 2017)

Thesis title: **Molecular Characterization, Expression Profiling of Vitellogenin Gene, and Reproductive Ability Disruption by RNAi in Red Palm Weevil, *Rhynchophorus ferrugineus* (Olivier).**

* **Mureed Husain Fareed** (Pakistani) (2013 –2018)

Thesis title: **Molecular characterization, expression analysis, and RNAi knockdown of vitellogenin and its receptor genes in the almond moth, *Cadra cautella* (Walker)**

* **Koko Dwi Sutanto** (Indonesian) (2014 - Present)

Thesis title: **Influence of Ultraviolet B (UV-B) Radiation on the Persistence and Pathogenicity of *Beauveria bassiana* against Red Palm Weevil (Coleoptera: Curculionidae)**

* **Shehzad Salman** (Pakistani) (2018 - Present)

Thesis title: **Yet not decided**

#### SLECTED PROJECTS

**Ongoing Projects:**

**Aldawood, A. S.,** Rasool K. G., and M. Tufail,. 2018. Development of a precision-based eco-friendly chemical control strategy against red palm weevil, *Rhynchophorus ferrugineus*: a highly damaging pest of the date palm trees.

Orabi, G., **Aldawood, A.S.**, Abdeldayem, M. S. Sharaf, M. R., Al Dhafer, H. M. 2013. Evaluating the impacts of urbanization on biodiversity in Riyadh City, Kingdom of Saudi Arabia, using insects as bioindicators." (Funding agency KACST, King Abd Allah City of Science and Technology).

Abdeldayem, M. S., Sharaf, M. R., **Aldawood, A.S.**, Al Dhafer, H. M. 2013. "Insect Biodiversity in the Jabal Shada Al-A’Ala and Raydah Protected Areas in Southwestern Saudi Arabia" (Funding agency KACST, King Abd Allah City of Science and Technology).

**Aldawood, A.S.**, Tufail, and Rasool, K. G. DNA-Barcoding of the Termite Fauna in Riyadh Region, Kingdom of Saudi Arabia: Identification and Molecular Phylogeny Inferred from the Mitochondrial COI Gene Sequences

Abdeldayem, M. S., Al Dhafer, H. M. **Aldawood, A.S. &** Sharaf, M. R**.** Evaluating the impacts of urbanization on biodiversity in Riyadh City, Kingdom of Saudi Arabia, using insects as bioindicators.

**Accomplished Projects:**

**Aldawood, A. S.,** Tufail, M.Sharaf, M. R. and Rasool, K. G. 2012. Use of DNA Barcoding in the Taxonomy of Fire Ant Species in Riyadh Region, Kingdom of Saudi Arabia.

**Aldawood, A. S.,** Rasool, K. G., Mukhtar, M., Sheikh, Q.I., 2011. Identification of molecular markers associated with Red Palm Weevil (*Rhynchophorus ferrugineus* (Oliv.) infestation in date palm cultivars grown in the Kingdom of Saudi Arabia.

Alatawi, F. G. and **Aldawood, A. S.** 2009**.** Classification of Mites Associated with Date Palm Trees, and Biological and Ecological Studies of *Oligonychus afrasiaticus* (McGregor) in the Kingdom of Saudi Arabia. Funded by: King Abdulaziz City for Science and Technology (KACST).

**Aldawood, A. S.,** El Salamouny, S. A., Rasool, K. G and Sharaf, M. R. 2011. Enhancement of Biopesticides Efficacy to Control the Cotton leaf worms, *Spodoptera littoralis* and *S. exigua* by Natural Ultraviolet Protectants.

**Aldawood, A. S.** and Alhamdan, A. M. 2009.The Effect of N2 and CO2 Mixture on Controlling Almond Moth Immature Stages *Ephestia cautella* (Walker). Funded by: King Abdulaziz City for Science and Technology (KACST).

Abdullah A. Alsadon. A. A. Alazba, I. M. Alshahwan and **Aldawood, A. S.** 2006.Designing an Integrated Computer Program for Vegetable Production in the Kingdom of Saudi Arabia. Funded by: King Abdulaziz City for Science and Technology (KACST).

**Aldawood, A.S.** and Alayied, H. 2003.Survey of Forests of South Western Kingdom of Saudi Arabia (Study of insect biodiversity and its relation with degradation of forest trees in Baha region (Series of insect biodiversity studies)). Funded by: King Abdulaziz City for Science and Technology (KACST).

**Aldawood, A.S.** and Azzam, M. A. 2001. Study of Insects and Rodents of Medical Important in Valley Hanifah in Riyadh city in Riyadh, Regions. Funded by: King Abdulaziz City for Science and Technology (KACST).

#### PUBLICATIONS

**IN PREPARATION**

* Koko Dwi Sutanto, Mureed Husain, Khalid Mehmood, Khawaja Ghulam Rasool, Muhammad Tufail, & **Abdulrahman Saad Aldawood**. Ultraviolet B (UV-B) Influence on Persistence and Pathogenicity of *Beauvaria bassiana* (Saudi Arabia Isolates) against Red Palm Weevil (Coleoptera: Curculionidae).
* Mehmood, K. Tufail, M. Husain, M. Rasool, K.G. & **Aldawood, A.S.** Transcriptome analysis of fat body tissues of Red Palm Weevil, a highly damaging pest of palm trees.
* Mehmood, K.; Tufail, M.; Husain, M.; Rasool, K.G. & **Aldawood, A.S.** Transcriptome analysis of ovariole tissues of Red Palm Weevil, a highly damaging pest of palm trees.
* Mehmood, K., Tufail, M. Husain, M. Rasool, K.G. & **Aldawood, A.S.** Molecular characterization of vitellogenin gene of red palm weevil, *Rhynchophorus feuugineus* (Olivier) (Coleoptera: Dryophthoridae) and silencing of its function through RNAi technology.
* Sharaf, M. R. & **Aldawood, A.S**. Ants of Kingdom of Saudi Arabia, illustrated guide. Book.
* Sharaf, M. R. & **Aldawood, A. S**. Description of a new species of the genus Melissotarsus from Saudi Arabia with a key to the Afrotropical species.
* Sharaf, M. R., **Aldawood, A. S**., Economo, E. P., Hita Garcia, F. A new ant species of the genus *Solenopsis*Westwood, 1840 (Hymenoptera: Formicidae) from Yemen with a key to the Arabian species enhanced by micro-CT next-generation morphology.
* Sharaf, M. R. & **Aldawood, A.S.** Ant fauna of Dhofar Province (Oman), Taxonomy, distribution and zoorgeography.
* Sharaf, M. R. & **Aldawood, A.S.** Notes on the subfamily Dolichoderinae (Formicidae) of Kingdom of Saudi Arabia.
* Abdel-Dayem, M. S.; Sharaf, M. R.; Al Dhafer, H. M. & **Aldawood, A.S.** Community structure of ants (Hymenoptera, Formicidae) along an altitudinal gradient on Asir Mountains, Southwestern Saudi Arabia.
* Sharaf, M. R.; Fisher, B. L.; Hita Garcia, F. & **Aldawood, A.S.** Taxonomy of the myrmicine ant genus *Tetramorium* (Hymenoptera: Formicidae) in Arabian Peninsula with description of three new species.
* Aldawood, A.S.Sharaf, M. R.; Fisher, B. L. & **Aldawood, A.S.** Catalogue of ants of Saudi Arabia (Hymenoptera: Formicidae) linking names to type specimens.
* Sharaf, M. R., Fisher, B. L. & **Aldawood, A.S.** First occurrence of the ant subfamily Leptanillinae by the two genera *Leptanilla* & *Yavnella* (Hymenoptera: Formicidae) in the Kingdom of Saudi Arabia with description of two new species.
* Sukirno, Sukirno, Muhammad Tufail, Khawaja Ghulam Rasool, and **Abdulrahman Saad Aldawood**. The study of Asiatic palm weevil infestation preference.
* **Aldawood, A.S**., K. G. Rasool, M. Husain, and M. Tufail. Semi-artificial diet development for red palm weevil: *Rhynchophorus ferrugineus* (Coleoptera: Curculionidae).
* Sukirno, S., M. Husain, M. Siswantoro, K.G. Rasool, Farid Asif Shaheen, Waleed Saleh Alwaneen, M. Tufail, and **A.S. Aldawood**. A comprehensive study on the loss of date fruit value caused by almond moth, *Cadra cautella* (Walker) (Lepidoptera: Pyralidae) infestations.
* Husain, M., Tufail, M. Mehmood, K. Rasool, K.G. & **Aldawood, A.S.** Molecular characterization, expression pattern, and RNAi-mediated silencing of vitellogenin receptor gene in almond moth, *Cadra cautella*.
* Husain, M. Tufail, M. Mehmood, K. Rasool, K.G. & **Aldawood, A.S.** Molecular characterization, regulation of vitellogenin gene, and prospect of reproductive ability disruption by RNAi in almond moth, *Cadra cautella* (Walker).
* Antony, B., S. A. Aldosari, and **Aldawood, A.S.** Characterization of fatty acyl-coA reductases involved in the sex pheromone biosynthesis of the cotton leaf-worm, *Spodoptera littoralis* (Lepidoptera: Noctuidae).

**ISI JOURNALS:**

**SUBMITTED TO JOURNALS:**

* Sharaf, M. R., Hita Garcia, F. & Aldawood, A. S. *Crematogaster jacindae* sp. n., a new ant species (Hymenoptera: Formicidae) from Sultanate of Oman, with a key to the Arabian *Crematogaster* Lund, 1831. *Zookeys.* **(Impact factor 1.79) Q2**

**ACCEPTED MANUSCRIPTS:**

* Sukirno, Sukirno, Muhammad Tufail, Khawaja Ghulam Rasool, and **Abdulrahman Saad Aldawood**. 2019. Current status of red palm weevil diversity in the kingdom of Saudi Arabia. *International J. of Tropical Insect Science*.  **(Impact factor 0.659) Q3**
* Sharaf, M. R.& **Aldawood, A.** S. *Temnothorax almeqeri*, a new ant species (Hymenoptera: Formicidae) from the Asir Mountains, Kingdom of Saudi Arabia, with a key to the Arabian *Temnothorax*. Annales Zoologici, **(Impact factor 1.13) Q2**

**PUBLISHED PAPERS**

**2019**

1. Waleed S. Alwaneen, Mureed Husain, Khawaja G. Rasool, Mohannad A. Alwatban, Shehzad Salman, Farid A. Shaheen, Mona A. Alduailij, and Abdulrahman S. Aldawood 2019. Prediction of survival ratios of *Cadra cautella* (Lepidoptera: Pyralidae) different life stages after treated with ultraviolet irradiation. *Saudi Journal of Biological Sciences*. **(Impact factor 2.820) Q1**
2. Sharaf, M. R., Hita Garcia, F. & **Aldawood, A. S.** 2019. A new ant species of the genus *Solenopsis*Westwood, 1840 (Hymenoptera: Formicidae) from Yemen with a key to the Arabian species enhanced by micro-CT next-generation-morphology. *Scientific Reports*. **(Impact factor 4.525)** **Q1**
3. Husain, M. Tufail, M. Mehmood, K. Rasool, K.G. & **Aldawood, A.S.** 2019. Transcriptome Analysis of *Cadra cautella* (Walker) (Lepidopter: Pyralidae) Abdominal Tissues. *BMC Genomics* **(Impact factor 4.525)** **Q2**
4. Khawaja G. Rasool, Mureed Husain, Muhammad Tufail, and **Abdulrahman S. Aldawood**. 2019. Evaluation of some non-invasive approaches for the detection of red palm weevil infestation. *Saudi Journal of Biological Sciences*. **(Impact factor 2.820) Q1**
5. Sharaf, M. R. & **Aldawood, A. S.** 2019. Review of the ant genus Meranoplus Smith, 1853 (Hymenoptera: Formicidae) in the Arabian Peninsula with description of a new species M. mosalahi sp. n. from Oman. PeerJ 7:e6287, <https://doi.org/10.7717/peerj.6287>, **(Impact factor 2.35)** **Q1**
6. Sharaf, M. R., **Aldawood, A. S.**, Economo, E. P., Wachkoo, A. A., Hita Garcia, F. 2019. Taxonomy of Arabian *Temnothorax* Mayr (Formicidae: Myrmicinae) with description of a new species enhanced by micro-CT next-generation-morphology. *Scientific Report*, 9:11009, <https://doi.org/10.1038/s41598-019-47260-y>, **(Impact factor 4.525)** **Q1**
7. Rasool, K.G., Husain, M., Salman, S., Tufail, M., Sukirno, S., and **Aldawood, A.S.** 2019. DNA barcoding of the fire ant genus *Solenopsis* Westwood (Hymenoptera: Formicidae) from the Riyadh region, the Kingdom of Saudi Arabia. *Saudi Journal of Biological Sciences*, <https://doi.org/10.1016/j.sjbs.2019.06.018>, **(Impact factor 2.820) Q1**

**2018**

1. Sukirno S., Tufail, M., Rasool, K. G., and **Aldawood, A. S.** 2018. Undescribed color polymorphism of the Asiatic palm weevil, *Rhynchophorus vulneratus* Panzer (Coleoptera: Curculionidae) in Indonesia: biodiversity study based on COI gene. *Florida Entomologist*, 101(4): 642-648, [http://doi.org/10.1653/024.101.0401](%20http%3A//doi.org/10.1653/024.101.0401), **(Impact factor: 1.052) Q2**
2. Rasool, K.G., Khan, M.A., Tufail, M., Husain, M., Mehmood, K., Mukhtar, M., Takeda, M., and **Aldawood, A.S.** 2018. Differential proteomic analysis of date palm leaves infested with the red palm weevil, (Coleoptera: Curculionidae). *Florida Entomologist*, 101(2):290-298, <http://doi.org/10.1653/024.101.0221>, **(Impact factor: 1.052) Q2**
3. Sharaf, M. R.; Al Dhafer, H. M.; **Aldawood, A.S.** 2018. Review of the ant genus *Technomyrmex* Mayr, 1872 in the Arabian Peninsula (Hymenoptera, Formicidae). *ZooKeys*, 780: 35–59, <https://doi.org/10.3897/zookeys.780.26272>, **(Impact factor 1.079) Q2**
4. Sharaf, M. R.; Akbar, S. & **Aldawood, A.S.** 2018. Review of the Arabian rare ant genus *Parasyscia* Emery, 1882 (Hymenoptera: Formicidae) with description of a new species from the Asir Mountains (Kingdom of Saudi Arabia). *African Entomology*, 26(1): 215–223. **(Impact factor 0.536) Q3**
5. Sharaf M.R.; Al Dhafer, H.M.; **Aldawood, A.S.;** Hita Garcia, F. 2018. Ants of the*Monomorium monomorium* species-group (Hymenoptera: Formicidae) in the Arabian Peninsula with description of a new species from south western Saudi Arabia*. PeerJ* 6:e4277, [https://doi.org/10.7717/peerj.4277](%20https%3A//doi.org/10.7717/peerj.4277), **(Impact factor 2.35) Q1**
6. Sharaf, M. R.; Fisher, B. L.; Al Dhafer, H. M.; Polaszek, A. & **Aldawood, A.S.** 2018. Additions to the ant fauna (Hymenoptera: Formicidae) of Oman, updated list, new records and description of two new species. *Asian Myrmecology*, [9: e010004 (1–38)](http://www.asian-myrmecology.org/doi/10.20362/am.010004.html), <https://doi.org/10.20362/am.010004>, **(Impact factor 0.847) Q3**
7. Mashaly, A.; Sharaf, M. R.; Al-Subeai, M; Al-Mekhlafi, F.; **Aldawood, A.S.** & Anderson, G. 2018. Ants (Hymenoptera: Formicidae) attracted to Rabbit Carcasses in three different habitats. *Sociobiology*, 65(3): 433-440, <http://dx.doi.org/10.13102/sociobiology.v65i3.2895>, **(Impact factor 0.504) Q4**
8. Sukirno S., Tufail, M., Rasool, K. G., El-Salmouny, S., Sutanto, K. D. and **Aldawood, A. S.** 2018. The efficacy and persistence of *Spodoptera littoralis* nucleopolyhedrovirus (Splimnpv) applied in UV protectants against the beet armyworm, *Spodoptera exigua* (Hübner) (Lepidoptera: Noctuidae) under Saudi field conditions. *Pakistan Journal of Zoology*, 50(5), pp1895-1902, **(Impact factor 0.713) Q3**

**2017**

1. Sharaf, M. R.; Fisher, B. L.; Collingwood, C. A.; **Aldawood, S.A.** 2017. Ant fauna (Hymenoptera: Formicidae) of the Socotra Archipelago (Yemen): zoogeography, distribution and description of a new species. *Journal of Natural History* 51(5-6):317-378, <http://dx.doi.org/10.1080/00222933.2016.1271157>, **(Impact factor 0.837** **) Q4**
2. Sharaf, M. R., Monks, J., **Aldawood, A.S.** & Polaszek, A. 2017. *Anochetus* (Hymenoptera: Formicidae) in the Arabian Peninsula, with description of a new species from Oman. *The proceedings of the Entomological Society of Washington*, 119(1): 78–98, <http://dx.doi.org/10.4289/0013-8797.119.1.78>, **(Impact factor 0.532) Q3**
3. Sharaf, M. R.; Akbar, S. A.; **Aldawood, A.S.** & Hita Garcia, F. Review of the ant genus *Nesomyrmex* Wheeler, 1910 (Hymenoptera, Formicidae, Myrmicinae) from the Arabian Peninsula. *African Invertebrates,* 58(2): 21-37, <https://doi.org/10.3897/AfrInvertebr.58.12782>, **(Impact factor 0.667) Q3**
4. Sharaf, M. R.; Akbar, S. A.; Al Dhafer, H. M.; El-Gharbawy, A. & **Aldawood, A.S.** 2017. Taxonomy of the myrmicine ant genus *Temnothorax* Mayr, 1861 (Formicidae: Myrmicinae) in the Arabian Peninsula with description of a new species. *European Journal of Taxonomy*, 280: 1–17. <http://dx.doi.org/10.5852/ejt.2017.280> **(Impact factor 1.188) Q2**
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* Mehmood, K., Tufail, M., Husain, M., Rasool, K.G. and Aldawood, A.S., 2017. Juvenile hormone epoxide hydrolase-like protein 5 precursor isolated from fat body tissues of Red Palm Weevil, *Rhynchophorus* *ferrugineus*. DDBJ/EMBL/GenBank databases accession number: KY407548.
* Mehmood, K., Tufail, M., Husain, M., Rasool, K.G. and Aldawood, A.S., 2017. Minus strand juvenile hormone esterase isolated from fat body tissues of Red Palm Weevil, *Rhynchophorus* *ferrugineus*. DDBJ/EMBL/GenBank databases accession number: KY407549.
* Mehmood, K., Tufail, M., Husain, M., Rasool, K.G. and Aldawood, A.S., 2017. Minus strand ecdysone receptor isoform A isolated from fat body tissues of Red Palm Weevil, *Rhynchophorus* *ferrugineus*. DDBJ/EMBL/GenBank databases accession number: KY407550.
* Mehmood, K., Tufail, M., Husain, M., Rasool, K.G. and Aldawood, A.S., 2017. Similar to ecdysone response nuclear receptor isolated from fat body tissues of Red Palm Weevil, *Rhynchophorus* *ferrugineus*. DDBJ/EMBL/GenBank databases accession number: KY407551.
* Mehmood, K., Tufail, M., Husain, M., Rasool, K.G. and Aldawood, A.S., 2017. Similar to clathrin coat assembly protein isolated from fat body tissues of Red Palm Weevil, *Rhynchophorus ferrugineus*. DDBJ/EMBL/GenBank databases accession number: KY407552.
* Mehmood, K., Tufail, M., Husain, M., Rasool, K.G. and Aldawood, A.S., 2017. Minus strand NADH dehydrogenase flavoprotein 1 isolated from fat body tissues of Red Palm Weevil, *Rhynchophorus* *ferrugineus*. DDBJ/EMBL/GenBank databases accession number: KY407553.
* Mehmood, K., Tufail, M., Husain, M., Rasool, K.G. and Aldawood, A.S., 2017. Dynein heavy chain isolated from fat body tissues of Red Palm Weevil, *Rhynchophorus* *ferrugineus*. DDBJ/EMBL/GenBank databases accession number: KY407554.
* Mehmood, K., Tufail, M., Husain, M., Rasool, K.G. and Aldawood, A.S., 2015. Cloning of Vg1 transcript from Red Palm Weevil, *Rhynchophorus* *ferrugineus*. DDBJ/EMBL/GenBank databases accession number: ALN38803.
* Sukirno, S. Tufail, M., Rasool, KG. Aldawood, AS. 2015-16. Mitochondrial COI abd Cyb gene sequences (427) of palm weevils (Coleoptera: Curculionidae) from three countries (Saudi Arabia, Indonesia and Pakistan). Submitted to the BOLD databases: <http://www.boldsystems.org/index.php/databases>. (see the detail and accession numbers in the Table below).

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| --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Sample origin** | **Submitter** | **Authors** | **Gene** | **Number of** **Sequences\*** | **Accession Numbers** |
|  1 | Saudi Arabia | Sukirno | Sukirno Sukirno, Muhammad Tufail, Khawaja Ghulam Rasool, Abdulrahman Saad Aldawood | COI | 297 | RPWSA001-297 |
| CyB | 5 | PWINA158-162 |
| 2 | Indonesia | Sukirno | Sukirno Sukirno, Muhammad Tufail,Khawaja Ghulam Rasool, Abdulrahman Saad Aldawood | COI | 107 | PWINA001-064; PWINA085-118; PWINA122-132 |
| CyB | 23 | PWINA133-135; PWINA139-157; PWINA163 |
| 3 | Pakistan | Sukirno | Sukirno Sukirno, Muhammad Tufail, Khawaja Ghulam Rasool, Abdulrahman Saad Aldawood | COI | 25 | PWINA065-84; PWINA119-121 |
| CyB | 3 | PWINA136-138 |
| **Total** | **COI** |  **429** |
| **CyB** |  **31** |
| **Total sequence submitted** |  |  **460** |

**\*The above sequences were submitted to the BOLD under the two projects:**

**1. DNA barcoding of palm weevils from Saudi Arabia and Indonesis [RPWSA]:**

[**http://www.boldsystems.org/index.php/MAS\_Management\_RecordList**](http://www.boldsystems.org/index.php/MAS_Management_RecordList)

**2. Palm weevil diversity in Indonesia [PWINA]:**

[**http://www.boldsystems.org/index.php/MAS\_Management\_RecordList**](http://www.boldsystems.org/index.php/MAS_Management_RecordList)

Tufail, M., Shezad, S. Rasool, KG. Aldawood, AS. 2015. Mitochondrial COI gene sequences (8) of fire ant species from Riyadh Region, Kingdom of Saudi Arabia [ANTSA]. Submitted to the BOLD databases: <http://www.boldsystems.org/index.php/databases>. (See details in the the Table below).

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |
|  **Identification Specimen ID \*Sequence ID Sequence length BIN**  |
| ***Solenopsis elhawagryi******Solenopsis saudiensis*** | SE BAH01SS KSUQ01 | ANTSA008-15ANTSA007-15 | 637 bp637 bp |  |  |  | BOLD:ACU5317BOLD:AAN0050 |
| ***Solenopsis saudiensis*** | SS AIU01 | ANTSA006-15 | 635 bp |

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| --- | --- | --- | --- |
|  |  |  | http://www.boldsystems.org/libhtml_v3/icons/spacer.gif |

 |  |  | BOLD:AAN0050 |
| ***Solenopsis saudiensis*** | SS KSU02 | ANTSA005-15 | 635 bp |

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 |  |  | BOLD:AAN0050 |
| ***Solenopsis saudiensis*** | SS KSU01 | ANTSA004-15 | 635 bp |

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|  |  |  | http://www.boldsystems.org/libhtml_v3/icons/spacer.gif |

 |  |  | BOLD:AAN0050 |
| ***Solenopsis saudiensis*** | SS WH02 | ANTSA003-15 | 635 bp |

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 |  |  | BOLD:AAN0050 |
| ***Solenopsis saudiensis******Solenopsis saudiensis*** | SS WH01SS HYR01 | ANTSA002-15ANTSA001-15 | 635 bp635 bp |

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| --- | --- | --- | --- |
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 |  |  | BOLD:AAN0050BOLD:AAN0050 |

**Total: 8 sequences**

\*: The above sequences were submitted by Abdulrahman S. Aldawood under the project “Use of DNA Barcoding in the Taxonomy of Fire Ant Species in Riyadh Region, Kingdom of Saudi Arabia [ANTSA]**:** [**http://www.boldsystems.org/index.php/MAS\_Management\_RecordList**](http://www.boldsystems.org/index.php/MAS_Management_RecordList)**.**

* Husain,M., Tufail, M., Mehmood,K., Rasool,K.G. and Aldawood, A.S. 2015. Cloning of Vg1 Transcript from Almond Moth, *Ephestia cautella* (Walker) (Lepidoptera: Pyralidae).GenBank/EMBL/DDBJ/databases accession number: KT947112.
* Mehmood,K., Tufail, M., Husain,M., Rasool,K.G. and **Aldawood, A.S.** 2015. Cloning of Vg1 Transcript from Red Palm Weevil, *Rhynchophorus ferrugineus* (Olivier) (Coleoptera: Curculionidae).GenBank/EMBL/DDBJ/databases accession number: KT946985.

**TRAINING COURSES**

1. Training course on **"Measuring institutional quality and excellence readiness – Second session**". Saudi standards, metrology and quality organization, Riyadh, Saudi Arabia, December 17, 2014.
2. Training course on **"Measuring institutional quality and excellence readiness – First session**". Saudi standards, metrology and quality organization, Riyadh, Saudi Arabia, November 26, 2014.
3. Training course on **"Lead Auditor: ISO 9001 (IRCA)**". Bloomsbury, London, UK. March 21- 25, 2011.
4. Training course on **"Internal Auditor: ISO 9001 (IRCA)"**. Bloomsbury, London, UK. March 17-18, 2011.
5. Training course on **"Use of Photoshop Software in Teaching and Research"**. Deanship of Skills Development, King Saud University, Riyadh, Kingdom of Saudi Arabia. May 23-25, 2009.
6. Training course on **"Implementation of Quality Management System and Strategic Planning"**. Corporate Strategy and Quality Assurance Unit. International Islamic University Malaysia (IIUM), Malaysia. May 25-26, 2009.
7. Training course on **"ISO 9001: 2008 Internal Audit Training Course"**. King Saud University, Riyadh, Kingdom of Saudi Arabia. June 2-3, 2009.
8. Training Course on “**Principals of Quality Management**”, King Saud University, June, 13-15, 2009.
9. Training Course on "**Postharvest Technology Short Course"** Offered Collaboratively by the University of California, Davis and Akdeniz University Antalya, Turkey. April, 13-17, 2009.
10. Training Course on “**Evolution and benchmarking library services**” Supervised by The National Organization for Evaluation and Academic Accreditation, King Abdul Aziz University, Jeddah, Jan., 2009.
11. Training course on **"Creativity Leadership and the Malaysian experience in the strategic management"**. Kuala Lumpur, Malaysia, Aug., 2008.
12. Training course on "**Balanced Score Center with the cooperation of Business Administration Organization I. C. M. Creativity Leadership and the Malaysian experience in the strategic management**". Kuala Lumpur, Malaysia. Aug., 2008.
13. Training course on **"**Directions of the Academic Excellences in the 21 Century**".** The European Center of Common Quality Management, College of Commerce, Bradford University., Bradford, UK, Aug. 2008.

**PRESENTATIONS IN CONFERENCES / SYMPOSIUMSCONFERENCES**

1. Tufail M, Mehmood K, Husain M, Rasool KG, and **Aldawood AS.** 2018. [RNAi-based silencing of vitellogenin gene: A promising approach for the control of red palm weevil](https://esa.confex.com/esa/2018/meetingapp.cgi/Paper/135219). ESA, ESC and ESBC Joint Annual Meeting, Crossing Borders: Entomology in a Changing World, Vancouver, BC, Canada November 11-14, 2018.
2. **Aldawood AS**, Rasool KG, Tufail M. 2018. Evaluation of some non-invasive approaches for the early detection of red palm weevil, *Rhynchophorus ferrugineus*, infestation. ESA, ESC and ESBC Joint Annual Meeting, Crossing Borders: Entomology in a Changing World, Vancouver, BC, Canada November 11-14, 2018.
3. Rasool KG, Sutanto K, El Salamouny S, Sukirno S, Tufail M, and **Aldawood AS**. 2018. Evaluation of natural additives to enhance the persistence of *Spodoptera littoralis* nucleopolyhedrovirus (SpliMNPV) under Saudi field conditions. ESA, ESC and ESBC Joint Annual Meeting, Crossing Borders: Entomology in a Changing World, Vancouver, BC, Canada November 11-14, 2018.
4. Alwaneen W, Husain M, Mehmood K, Rasool KG, Tufail M and **Aldawood AS**. 2018.Temperature effects on biological traits of *Cadra cautella* (Lepidoptera: Pyralidae) reared on Khodari date fruits. ESA, ESC and ESBC Joint Annual Meeting, Crossing Borders: Entomology in a Changing World, Vancouver, BC, Canada November 11-14, 2018.
5. **Aldawood AS**, Rasool KG and Tufail M. 2018. Integrated approach for red palm weevil management: current status and future prospects. International meeting - Innovative and sustainable approaches to control the Red Palm Weevil (RPW) organized by FAO- CIHEAM Bari-Italy, 23-25 October 2018.
6. **Aldawood AS**, Rasool KG and Tufail M. 2017. Management programs and challenges in RPW Control in Near East and North African Region. Scientific Consultation and High-Level Meeting on Red Palm Weevil Management organized by FAO- CIHEAM at FAO headquarters in Rome, from 29 to 31 March 2017.
7. **Aldawood AS**, Rasool KG, Tufail M, Salman S. 2017. First International Conference on “Integrated Protection of Date Palms” to be held at Arabian Gulf University, Manama, Kingdom of Bahrain, from March 13-14, 2017
8. Rasool KG, Tufail M, Salman S, and **Aldawood AS**. 2016. XXV International Congress of Entomology, Orlando, Florida, USA September 25-30, 2016.
9. Rasool KG, Tufail M, Salman S, and **Aldawood AS**. 2016. International entomological congress and one exclusive day on current scenario and management of pink bollworm, University of Agriculture, Faisalabad, Pakistan, December 16-18, 2016.
10. Rasool KG, Tufail M, Salman S, and **Aldawood AS.** 2015. DNA barcoding of fire ant species (genus Solenopsis) from Riyadh region, Kingdom of Saudi Arabia. Entomological Society of America. 63th Annual meeting “Synergy in Science: Partnering for Solutions”. November 14-18, 2015 Minneapolis, Minnesota, USA
11. **Aldawood, A.S.** Al-Tuwariqi H.A. and Zimmermann H.G.2014. The biological control of *Opuntia stricta* var*.* *dillenii (*balas) in the Jizan Emirate of Saudi Arabia. Entomological Society of America. 62th Annual meeting “Grand Challenges Beyond Our Horizons”. 16-19 November, 2014 Portland, Oregon, USA.
12. **Aldawood, A.S.** 2013. Comparative study of Cucurbit fly: *Dacus ciliates* Loew (Diptera: Tephritidae) infestation on Zucchini squash (*Cucurbita pepo* L.) at Huraimila and Dirab, Riyadh region, Saudi Arabia. Egyptian Academic Journal of Biological Sciences 6(2): 91-96. The second international conference of Biological Sciences, organized by the Egyptian Academic Journal of Biological Sciences, July 1-3, 2013, Cairo, Egypt.
13. **Aldawood, A.S.,** F. Alsagan, H. Altuwariqi, A. Almuteri, and K. G. Rasool. 2012. Red palm weevil chemical treatments on date palms in Saudi Arabia: Results of extensive experimentations. Entomological Society of America. Afpp – Colloque Méditerranéen Sur les Lavageurs des Palmiers– 16, 17 et 18 Janvier 2013, Nice, France.
14. **Aldawood, A.S.,** K. G. Rasool, A. H. Alrukban, and M. H. Fareed. 2012. The effect of CO2 and N2 gases on different stages of *Ephestia cautella* (Walker) (Lepidoptera: Pyralidae). Entomological Society of America. 60th Annual meeting. 11-14 November, 2012 Knoxville, Tennessee, USA.
15. **Aldawood, A.S.** and Sharaf, M. R. 2012. *Monomorium collingwoodi* (Hymenoptera: Formicidae), a new ant species of the *Monomorium hildebrandti* group from Saudi Arabia with a key to the Arabian species. Entomological Society of America. 60th Annual meeting. 11-14 November, 2012 Knoxville, Tennessee, USA.
16. **Aldawood, A.S.,** K. G. Rasool, Q. I. Sheikh, and M. Mukhtar. 2011. Global spread of red palm weevil, *Rhynchophorus ferrugineus* Olivier: historical perspectives and control measures. Entomological Society of America. 59th Annual meeting. 12-15 December, 2011 Reno, Nevada, USA.
17. **Aldawood, A.S.,** K. G. Rasool, A. H. Alrukban, A. S. Biniljas, M. H. Fareed, and K. D. Sutanto. 2010. Temperature regimens effect on *Ephestia cautella* Walker (Pyralidae: Lepidoptera) biology. Entomological Society of America. 58th Annual meeting. 12-15 December, 2010 San Diego, CA, USA.
18. 10Th International Controlled and Modified Atmosphere Research Conference 4-7 April, 2009, Antalya, Turkey.
19. The 2nd Arabian Conference for Biological Pest Control Applications. The Egyptian Society of Biological Pest Control. April 7-10, 2008. Cairo University, Egypt.
20. **Aldawood, A.S.** 2008. Population Dynamic of Date Palm Fruit Pests in Riyadh Area, Kingdom of Saudi Arabia. The first international Conference of date palm in plant protection research institute and central lab. For date palm development" about integrated management for date palm and its role in protection and free pollution date production. Cairo, Egypt.
21. **Aldawood, A.S.** 2006. Date palm", paper title "New look for Insect Pest Management in Date Industries. The third international Conference of The UAE University. Abu Dhabi, UAE.
22. **Aldawood, A.S.** 2006. Population Dynamics of Cucurbit fly, *Dacus Ciliatus* Loew, on zucchini plants in Riyadh area, Kingdom of Saudi Arabia. The ninth Arabian Conference of plant protection Sciences, the Arabian Society for plant protection with collaboration of the general authority for scientific agricultural sciences, Damascus, Syria.
23. **Aldawood, A.S.** 2003. Lab technique for rearing red palm weevil, *Rhynchophorus ferrugineus*. The 22nd conf. of the Saudi Biol. Sci. Soc. Buraidah, Kingdom of Saudi Arabia.
24. **Aldawood, A.S.** 2003. Pests of fruit trees in Taif region, Saudi Arabia. In 'Symposium of fruit tree care', Saudi Society of Agriculture Sciences. Taif, Kingdom of Saudi Arabia.
25. **Aldawood, A.S.** 2003. Olive tree and fruit Pests, Saudi Arabia. In 'Symposium of fruit tree care', Saudi Society of Agriculture Sciences. Jouf, Kingdom of Saudi Arabia.
26. **Aldawood, A.S.** 2003. Lab techniques to rearing red palm weevil, *Rhynchophorus ferrugineus*. The 22nd conf. of the Saudi Biol. Sci. Soc., Riyadh, Kingdom of Saudi Arabia.
27. **Aldawood, A.S.** 2002. Role of plant ecology in insect injury reduction. The 1st conf. of the Saudi Agr. Sci. Soc. College of Agriculture, King Saud University. Pp 150-151. Riyadh, Kingdom of Saudi Arabia.
28. **Aldawood, A.S.** 1999. A new method in studying insect feeding behavior – Leafhoppers. Dept. of Plant Protection, College of Agriculture, King Saud University, Riyadh, Kingdom of Saudi Arabia.
29. **Aldawood, A.S.** and E. B. Radcliffe. 1994. Effects of boron and calcium deficiency in Alfalfa on feeding behavior of potato leafhopper, *Empoasca fabae* (Homoptera: Cicadellidae). Entomological Society of America, North Central Branch Meeting, Poster Presentation, March 12-17, 1994, Springfield, Illinois, USA.

**PUBLISHED REPORTS**

1. **Aldawood, A.S.** and E. B. Radcliffe. 1996. Probing Behavior of Potato Leafhopper (Homoptera: Cicadellidae) on Alfalfa and Potato Influenced by Plant Nutrient Content. NC – 193 yearly reports.

**CONFERENCES, SYMPOSIUMS, AND WORKSHOPS**

1. XXIV International Congress of Entomology ‘New era in Entomology’. Poster presentation. Title: “Characterization of resistant factors in faba bean (*Vicia faba* L.) cultivars against cowpea aphid (*Aphis craccivora* Koch.) using Electrical Penetration Graph (DC-EPG). August 19-25, 2012, Daegu, Korea.
2. ESA's 60th Annual Meeting, November 11-14, 2012 in Knoxville, TN, USA. First occurrence of the *Monomorium hildebrandti*-group (Hymenoptera: Formicidae), in the Arabian Peninsula, with description of a new species *M. kondratieffi* n. sp.
3. Workshop on Principles of Quality Management. King Saud University. June 13-15, 2009. Riyadh, Kingdom of Saudi Arabia.
4. Workshop on Research Centers of Excellence at King Saud University (Concept and Application). Distinguished Scientist Fellowship Program. May 18-19, 2009. King Saud University, Riyadh, Kingdom of Saudi Arabia.
5. Workshop on Effective Application of Internal Quality Assurance Procedures to e-Learning and Blended Learning Courses. The National Center for E-Learning and Distance Learning. March 15, 2009. Riyadh, Kingdom of Saudi Arabia.
6. Workshop on Principles of Quality Management. King Saud University. June 13-15, 2009. Riyadh, Kingdom of Saudi Arabia.
7. Academic Leadership Workshop Program. Deanship of Skills Development. Jan. 19-20, 2009. King Saud University. Riyadh, Kingdom of Saudi Arabia.
8. The 4Th International Conference of Scientific Research and its Application. Dec. 16-18, 2008, Egypt. The 1st first international Conference of date palm in plant protection research institute and central lab. For date palm development" about integrated management for date palm and its role in protection and free pollution date production. 2008, Cairo, Egypt. Paper Presentation. Titled: “Population Dynamic of Date Palm Fruit Pests in Riyadh Area, Kingdom of Saudi Arabia”.
9. The 3rdinternational Conference of The UAE University. 2006, Abu Dhabi, UAE on Date palm. Paper Presentation. Titled: "New look for Insect Pest Management in Date Industries”.
10. The 9th Arabian Conference of plant protection Sciences, the Arabian Society for plant protection with collaboration of the general authority for scientific agricultural sciences, 2006, Damascus, Syria. Paper Presentation. Titled: “Population Dynamics of Cucurbit fly, *Dacus Ciliatus* Loew, on zucchini plants in Riyadh area, Kingdom of Saudi Arabia”.
11. The 22nd conf. of the Saudi Biol. Sci. Soc. Buraidah, 2003, Kingdom of Saudi Arabia. Paper Presentation. Titled: “Lab technique for rearing red palm weevil, *Rhynchophorus ferrugineus*”.
12. The 1st conf. of the Saudi Agric. Sci. Soc. College of Agriculture, King Saud University. 2002. Riyadh, Kingdom of Saudi Arabia. Paper Presentation. Titled: “Role of plant ecology in insect injury reduction”.
13. **Aldawood, A.S.** 1999. A new method in studying insect feeding behavior – Leafhoppers. Dept. of Plant Protection, College of Agriculture, King Saud University, Riyadh, Kingdom of Saudi Arabia.
14. Entomological Society of America, North Central Branch Meeting. March 12-17, 1994, Springfield, Illinois, USA. Presented a Poster Presentation, Titled “Effects of boron and calcium deficiency in Alfalfa on feeding behavior of potato leafhopper, *Empoasca fabae* (Homoptera: Cicadellidae)."
15. Entomological Society of America, Annual Meeting, Poster Presentation, December 6-10, l992, Baltimore, Maryland, USA. Poster Presentation. Titled: “Effects of water stress on feeding behavior of potato leafhopper, *Empoasca fabae* (Homoptera: Cicadellidae), on Alfalfa (preliminary data).”
16. Entomological Society of America, North Central Branch Meeting, Poster Presentation, March 15-18, l992, Kansas City, Missouri, USA. Poster Presentation. Titled: “Effects of water stress on feeding behavior of potato leafhopper, *Empoasca fabae* (Harris), on Alfalfa.”

**MEMBERSHIP OF COMMITTEES ANDSCIENTIFIC SOCIETIES**

**Societies and professional groups:**

1. Entomological Society of America**, 1988 - present**
2. Entomological Society of Egypt**, 2005 - present**
3. Arab Plant Protection Society**, 2002 - present**
4. Saudi Society of Agriculture Sciences**, 2001 - present**
5. Saudi Society of Food Sciences**, 2008 - 2009**
6. Saudi Society of Biological Sciences**, 2001 - present**

**Council memberships:**

1. Member of the Department of plant protection council, College of food and Agriculture sciences, King Saud University**, 1988 - present**
2. Member of the College of food and Agricultural sciences council, King Saud University**, 2005 - 2010**
3. Member of Saudi Society of Agriculture Sciences council, College of food and Agricultural sciences, King Saud University**, 2005 - 2008**
4. Member of Saudi Society of Biological Sciences council, College of Science, King Saud University**, 2008 - 2010**

**Committee's memberships:**

1. Liaison member for the Arab Plant Protection Society, 2003 – 2006.
2. College Internet page Committee member, 2005- 2010.
3. Green house Committee member, 2001- 2005.
4. Department Computer Committee member, 2005- 2010.
5. Tree Week Committee member, 2002.
6. Arab plant protection conference setup Committee member, 2001.
7. Purchases Committee member, 2001 – 2005.
8. Community services Committee member, 2001- 2005.
9. Academic counseling Committee member, 2000- present.
10. Gifted student and Teaching Assistants Committee member, 2000- 2004.
11. Department Social and sport Committee member, 2000- 2003.
12. College Cultural Committee member, 2001- 2003.
13. Tree Week Committee member, 2001.
14. University and community week (the fourth) Committee member, 2001.
15. Employment day of the University and community week (the fourth) Committee member, 2001.
16. Member of representative to the Fourth cultural week for universities and higher educational institutions in the Gulf countries, 2001.
17. Member of judgment team to the Fourth cultural week for universities and higher educational institutions in the Gulf countries, 2001.

**SOCIAL ACTIVITIES**

1. College Cultural Director, College of Food &Agricultural Sciences, King Saud University 2000- 2002
2. Member of Western Europe committee, World Assembly of Muslim Youth, 2003, till now.
3. Member of Dar Al Faourk Founding Committee, Minnesota state, USA, 1995, till now.
4. Social and Sport Director, Dept. of Plant Protection 1999-2000
5. Saudi Student House President, Minnesota State, USA, 1995-1997.
6. Saudi Student House Board member, Minnesota state, USA, 1989-1995.

**PROFESSIONAL SERVICE AND HONORS**

1. Participating in control of Assessment tests in Riyadh Community College, National Center for Assessment in Higher Education, Riyadh, First period 12/2008, Second Period 4/2009 and third Period 6/2009.
2. Award from Plant Protection department, College of Food and Agricultural Sciences for the positive role and constructive contributions in College activity events associated with events of celebrating the fiftieth anniversary of King Saud University founding, Riyadh, 5/2006.
3. Award from program “Al Deryea, the healthy city” for the effective participation in the second public meeting during program events, Riyadh, 4/2006.
4. Participating in sessions managements of the International conference of the Arabian Oryx in Arabian Peninsula, Riyadh, 2/2005.
5. Giving course for students of King Saud University entitled “How to be effective negotiator?”, Riyadh, 4/2005.
6. Giving a lecture for King Saud University students entitled “How to negotiate?”, Riyadh, 2/2005.
7. Award from the Public Administration of King Saud University Educational Center, in appreciation of distinguished participation in student activity Harvesting Gallery, Riyadh, 4/2001. Award from Embassy of the Custodian of the two Holy Mosques, the Saudi Cultural Mission in the USA “General Secretariat of the Clubs and Educational Centers “in appreciation to the distinguished efforts and effective participation in management of the Club and the Educational Center for children of Saudi scholarships in St. Paul, Minnesota, USA, 1991-1996.
8. First prize award in Posters, ESA, USA 1994

Student Competition Ph. D. level. Entomological Society of America, North Central Branch Meeting, Poster Presentation, March 12-17, 1994, Springfield, Illinois.

The title of the poster: “**Effects of boron and calcium deficiency in Alfalfa on feeding behavior of potato leafhopper, *Empoasca fabae* (Homoptera: Cicadellidae)**”.

**PUBLISHED MAGAZINE ARTICLES**

1. **Aldawood, A.S.** 2004. Locusts: Are they blessing or disaster? Riyadh Daily News Paper No. 13309. Sunday 16 Shawal.
2. **Aldawood, A.S.** 2003. Temperature does not Eliminate Pesticide Activities on Locusts. Riyadh Daily News Paper No. 12965. Tuesday 29 Shawal.
3. **Aldawood, A.S.** 2003. Date Palm Mite, That Pest That Costs Thousands. Riyadh Daily News Paper No. 12741. Tuesday 12 Rabi Awal.
4. **Aldawood, A.S.** 2002. Date Palm Mite, will the Problem Repeats Itself this Year. Riyadh Daily News Paper No. 12376. Monday 1 Rabi Awal.
5. **Aldawood, A.S.** 2001. Date Moths and their Management. Riyadh Daily News Paper No. 11963. Monday 1 Moharram.
6. **Aldawood, A.S.** 2001. The Lost Link Between Researchers and Farmers, who is Responsible. Riyadh Daily Paper No. 11984. Monday 22 Muharram.
7. **Aldawood, A.S.** 2001. Management of Date Palm Mite Starts now. Riyadh Daily News Paper No. 12026. Monday 5 Rabi Awal.
8. **Aldawood, A.S.** 2001. Flower dropping in date palm, reasons and protection. Riyadh Daily News Paper No. 11963, Monday 1 Muharram.
9. Anonymous. 1993. Scientist Seek Leafhopper Control. Valley Potato Grower. 58 (108): 4-4.
10. M. Hoff (reporter). 1993. Tiny Tethers Wire Insects to Tracking Device. Minnesota Science. Agricultural Experiment Station. University of Minnesota. 47 (2): 2-2.

**PUBLIC SEMINARS**

1. **Aldawood, A.S.** 2010. Extension lecture about Pests of date fruits in Zulfy.
2. **Aldawood, A.S.** 2010. Date palm pests. Dates festival in Zolfy.
3. **Aldawood, A.S.** 2004. The ideal method to purchasing and storing dates, the fifth university and community week. College of Agriculture, Riyadh, Saudi Arabia.
4. **Aldawood, A.S.** 2003. Pomegranate tree pests and their management. Eighth scientific meeting for Saudi Agricultural society, Taif, Saudi Arabia.
5. **Aldawood, A.S.** 2002. A Tree is treasure and beauty, symposium. The twenty fourth tree week. College of Agriculture, Riyadh, Saudi Arabia.
6. **Aldawood, A.S.** 2002. Pests of Date palm trees in Riyadh region, Saudi Arabia. College of Agriculture. Extension day, Riyadh, Saudi Arabia.
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**TV/RADIO PROGRAMS**

1. **Aldawood, A.S. 2**012. Red Palm weevil. TV interview, Saudi news channel (Thagafiah) Scientific research in Saudi Arabia.
2. **Aldawood, A.S.** 2010. Red Palm weevil. TV interview, Saudi news channel (Ekhbariah) (During events of a workshop on Red palm weevil held in SABIC).
3. **Aldawood, A.S.** 2003. Management of date palm pests. Radio of the Kingdom of Saudi Arabia.
4. **Aldawood, A.S.** 2003. Pests of citrus trees. Radio of the Kingdom of Saudi Arabia.
5. **Aldawood, A.S.** 2003. Pests of pomegranate trees. Radio of the Kingdom of Saudi Arabia.
6. **Aldawood, A.S.** 2002. Management of date palm mite. Radio of the Kingdom of Saudi Arabia.