

## *Ahlam Abdullah Husain Al Watban*



### Address:

Saudi Arabia, Al Riyadh, King Saud University “KSU” Faculty of science,  
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### Education:

- Ph.D. 2005 plant anatomy .king Saud University  
Thesis Title; Anatomical studies on sub family Stachyodieae (Lamiaceae) growing naturally in Saudi Arabia .
- M.Sc. 1995, plant physiology. King Saud University  
Thesis Title: Effect of different concentrations of Gebrellic acid and Actinomycine –D on Date palm *Phoenix dactylifera* variety Sukari and Mactumia seedlings.

### Interests and research skills:

1. Plant Anatomy
2. Comparative Anatomy
3. Environmental, physiological
4. Anatomy environmental adaptation of the plant
5. C3and C4 plant photosynthesis

### Teaching experience:

1. (213 Bot.) Micro technique
2. (271 Bot.) Plant Physiology
3. (477 Bot.) Plant stress
4. (671 Bot.) Advanced in plant stress
5. (611 Bot.) Advanced Plant Anatomy.
6. (212 Bot.) Plant Anatomy
7. (491 Bot.) Training in plant environment and alga
8. (498 Bot.) Research Project.
9. (521 Bot.) Plant surface
10. (514 Bot.) Practical Anatomy
11. (101 Bot.) General Botany
12. (241 Bot.) Advanced Factors of Plant Ecology.
13. (231 Bot.) Plant Communities

### Technical Laboratory and field Experience

1. Plant anatomy and slide processes using paraffine wax and microtomes.
2. Preparation of microscopic slides of mitotic and Meiosis division in plant.

### Sessions and Training Programs and Workshops

Participate and attend some courses and training programs:-

1. The workshop entitled “Writing Scientific Papers and getting posters, Researchers Support & Services Unit 23 -24 /11/2015.
2. The workshop entitled “Writing Scientific Papers and getting them published”, researchers Support & Services Unit - Vice President for Graduate Studies and research - KSU 15-17 March 2015.

### Research published in scientific journals

1. **Ahlam A. Al- Watban**, Abdullah R. Doaigey and Mohamed El-Zaidy (2015) Pollen morphology of six species of subfamily Stachyoideae (Lamiaceae) in Saudi Arabia. African Journal of Plant Science. Vol. 9(5), pp. 239-243, May 2015.
2. Amani Al- Jloud, **Ahlam Al- Watban**, Abdullah Doaigey and Mohammed El-Zaidy (2014) Anatomical study of the floral parts of certain species of the two genera

*Cleome* L. and *Capparis* L. growing naturally in the Kingdom of Saudi Arabia. Saudi journal of Biological Sciences Vol, 20. No. 5. December, (2014) (Arabic issue).

3. **Ahlam A. Al-Watban**, Ebtasam Al-Mogren, Abdullah R. Doaigey and Mohamed El Zaidy (2013). Pollen morphology of seven wild species of *Acacia* in Saudi Arabia. African Journal of Plant Science. 7 (12): 602 – 607
4. Abdullah Doaigey, Ihsan El-Habashy, **Ahlam Al- Watban**, Abd Elsalam Milagy, Abdulaziz Al Sahli, Manzer Siddiqui, Mohamed Al-Whaibi and **Mohamed El-Zaidy (2013)**. Epidermal characteristics of 34 species of Brassicaceae growing in desert of Saudi Arabia. Wulfenia journal. 20 (9): 202- 221.
5. Abdullah R. Doaigey, Nada H. Al- Helwah, **Ahlam A. Al-Watban**, Mohamed Zaidy (2013) Anatomical Study on Vegetative Parts of Three Wild Species of *Senna* Miller in Saudi Arabia. Saudi Journal of Biological Sciences. 20 (5) 85-92 December, 2013.
6. Nada Al-Helwah, Abdullah R. Doaigey, **Ahlam Al-Watban** and Mohamed El-Zaidy (2013) Micromorphological Characters of Leaflet Epidermis in Three Wild *Senna* Miller Species In Saudi Arabia. Saudi Journal of Biological Sciences. 20 (5) 105-111 December, 2013.
7. Mona Al Dera , **Ahlam Al-Watban** and Abdullah R.Doaigey, Anatomical study of four species of *Plantago* L. growing naturally in Saudi Arabia , Saudi journal of biological sciences 19 (5)65-65 December , 2012.
8. Amani M.Al -Jlud, **Ahlam A.Al-Watban** and Abdulla R.Doaigey,.Comparative anatomical study of the flowers of two speciesof Clome L. And two species of Capparais L. growing naturally in Saudi Arabia, Saudi journal of biological sciences, (2012) December, 19 (5)131-146.
9. **Ahlam A.Al Watban** and Hediat m.h.salama, Physiological effects of allelopathics activity of *Artemisia monosperma* on common bean (*Phaseolus vulgaris* L.) International Research Journal of Plant Science (2012) (ISSN: 2141-5447) Vol. 3(8) pp. 158-16.

10. Abdullah R. Doaigey, **Ahlam Al-Watban** and Mona Al Dera  
Comparative anatomical study of leaves epidermis of four *Plantago L.*  
Species (plantaginaceae) growing naturally in Saudi Arabia Saudi journal of  
biological sciences (2011)18, 79-86.
11. Abdullah R. Doaigey, **Ahlam Al-Watban** and Mona Al Dera **Comparative  
anatomical study of leaves epidermis of four *Plantago L.* Species  
(plantaginaceae) growing naturally in Saudi Arabia Saudi journal of biological  
sciences (2011)18, 79-86.**
12. Abdullah R. Doaigey, **Ahlam Al-Watban** and Mona Al Dera Comparative anatomical  
study of leaves epidermis of four *Plantago L.* Species (plantaginaceae) growing  
naturally in Saudi Arabia Saudi journal of biological sciences (2011)18, 79-86.
13. Hediya M.H. Salama, **Ahlam A. Al-Watban**, Anoud T. Al-Fughom  
Effect of ultraviolet radiation on chlorophyll, carotenoid, protein and proline  
contents of some annual desert plants. Saudi journal of biological sciences  
(2010)18, 79-86.
14. **Ahlam Al-Watban**, Abdullah R. Doaigey STUDY ON FLORAL EPIDERMAL  
CHARACTERS OF THREE SPECIES OF GENUS *SALVIA* GROWING NATURALLY IN  
THE KINGDOM OF SAUDI ARABIA, Ahlam, **Sci.Int. (Lahore) (2011), 23(2), 107-111,**  
**2011 ISSN, SINTE.**

### Research published in the conferences

1. Abdullah R. Doaigey, Nada H. Al-Helwah, **Ahlam A. Al-Watban** and Mohamed  
Zaidy (2014) Anatomical Study on Vegetative Parts of Three Wild Species of  
*Senna Miller* in Saudi Arabia. "29<sup>th</sup> meeting of the Saudi Biological Society  
(Environment and Development in the Arabian Gulf)".
2. Nada Al-Helwah, Abdullah R. Doaigey, **Ahlam Al-Watban** and Mohamed El-  
Zaidy (2014) "Micromorphological Characters of Leaflet Epidermis in Three Wild  
*Senna Miller* Species In Saudi Arabia." 29<sup>th</sup> meeting of the Saudi Biological  
Society (Environment and Development in the Arabian Gulf)".

3. A. Al-Jloud, **Ahlam Al-Watban**, A. Doaigey and Mohammed El-Zaidy (2013). Anatomical study of the floral parts of certain species of the two genera Cleome L. and Capparis L. growing naturally in the Kingdom of Saudi Arabia. 28<sup>th</sup> meeting of the Saudi Biological Society (Eco-tourism and Sustainable Development).
4. Abdullah R. Doaigey, **Ahlam Al- Watban**, Abd El-Salam Milagy, Abdulaziz A. ALSahli and Mohamed El Zaidy. (2012). Epidermal characters of leaves and stems of some species of Brassicaceae growing naturally in Saudi Arabia. 27<sup>th</sup> meeting of the Saudi Biological Society (Economics of Environment and Natural Resources)

### Published Books

1. PHD. Thesis: ANATOMICAL STUDIES ON SUBFAMILY STACHYOIDEAE SPECIES (LAMIACEAE) GROWING NATURALLY IN THE KINGDOM OF SAUDI ARABIA
2. (Practical studies of plant surfaces) with a group of faculty members of the Department of Botany and Microbiology, Faculty of Science - King Saud University.

### Computer Skills

- 1- Passing the "training program for young graduates in information technology," College
- 2- Get a course in "windows 95 & word 97". August 1997 AD.
- 3- Word Processing, Word Perfect, MS word.
- 4- Data preparation and presentation: Power Point, Adobe Photoshop, Excel and Access.