**Curriculum vitae of**

***Prof. Dr. Ahmed H. Alfarhan***

**Personal**

1. Name : Ahmed H. Alfarhan

2. Nationality : Saudi

3. Employer : King Saud University, Riyadh

4. Academic position : Professor

5. Administrative position : Vice-Chairman, DSFP, King Saud University

Director, Herbarium (KSU)

6. Important Award obtained : King Saud University Award for Scientific

Excellence, 2018.

7. Degree Obtained : Doctor of Philosophy

8. Specialization : Botany, Plant Taxonomy, Biodiversity, Flora of Saudi Arabia, Plant Diversity, Conservation of Plants, Ecology, Environment

9. Contact address : Dept. of Botany & Microbiology

College of Science

King Saud University

P. O. Box 2455, Riyadh 11451

Saudi Arabia

Mob: +966-505461006

Tel.: +966-1- 4675808

Fax: +966-1-4675833, 4675806

E-mail: [alfarhan@ksu.edu.sa](mailto:alfarhan@ksu.edu.sa)

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| --- | --- | --- |
| 9. Year of Birth  10. Marital Status | : 1957  : Married |  |
| **Academic History** |  |
| *Degree* | *Institution* | *Year of Passing* |
| B. Sc. | King Saud University, Riyadh | 1978 |
| M. Sc. | Reading University, England | 1983 |
| Ph. D. | Reading University, England | 1987 |

**Employment History**

**Position From To Employer**

|  |  |  |  |
| --- | --- | --- | --- |
| Demonstrator | 1978 | - 1987 | King Saud University |
| Asst. Professor | 1987 | - 1994 | King Saud University |
| Asso. Professor | 1994 | - 2003 | King Saud University |
| Professor | 2003 | - | King Saud University |

**Positions held**

* + - * Council Member of Vegetation Development & Desertification Control Center at Ministry of Environment, Water & Agriculture from 2020.
      * Chairman of International Advisory Board for Planet Portfolio, Asser Development Authority (ASDA), Saudi Arabia from 2022.
      * Member of the Consultation Committee for Afforestation Master plan of the Green Saudi Initiative, National Center for Vegetation Cover (NCVC), Saudi Arabia from 2022.
      * Scientific Chairman of the International Exhibition and Scientific Workshop on Afforestation Technique to be held from May 28 – 30, 2022 at Riyadh, Saudi Arabia, organized by the National Center for Vegetation Cover and Combating Desertification in collaboration with the Ministry of Environment, Water and Agriculture.
      * Scientific Chairman of the First International Conference on Semi-Arid

Mountain Environments, Abha, Saudi Arabia held on 17 – 19 September

2019 organized by Ministry of Environment, Water and Agriculture (MEWA),

in collaboration with the Asir region of the Kingdom.

* + - * Chairman of Environmental Science M.Sc. Program from 2003 to 2020.
      * Vice Chairman, Scientific Committee, Saudi Wildlife Authority from 2011 onwards.
      * Vice Director, Distinguished Scientists Fellowship Program (DSFP), King

Saud University.

* Vice-Chairman of the Center of Excellence in Biodiversity Research from

2007-2017.

* Vice-Chairman of Prince Sultan Research Chair for Environment & Wildlife from 2007-2018.
* Consultant of Ministry of Environment, Water & Agriculture from 2018 onwards.
* Consultant, in the Human and Environment department, Gulf Cooperation

Council, Riyadh.

* Consultant in the Saudi Wildlife Authority, Saudi Arabia from 1996 - 2017.
* Consultant of the King Abdullah Botanic Garden, Riyadh.
* King Saud University Award for Scientific excellence, 2018.
* Representative of the National Biodiversity Committee, Ministry of Higher Education, Saudi Arabia.
* Member of the Editorial board of the Saudi Journal of Biological Sciences, Saudi Biological Society (SBS) from 1997 onwards.
* Member of the Curriculum committee, King Saud University from 1988- 1991.
* Chairman of the Arabian Plant Red-Data Book committee (APSG/IUCN).
* Vice Chairman of the Arabian Plant Specialist Group (APSG/SSC/IUCN.
* Chairman of the Arabian Botanic Garden Committee (APSG/IUCN).
* Chairman of the Ecology unit from 1992-1995; from 2001 onwards. (King Saud University).
* Director of Herbarium (KSU), King Saud University from 1988 onwards.
* Director of Botanic Garden, Faculty of Science, King Saud University.
* Chairman, Botany & Microbiology Dept. from 2002-2006
* Member of the gene bank committee APSG/IUCN from 2001 onwards.
* Member of the management committee for green houses and ecological laboratories, King Saud University.
* Representing NCWCD in various committees in the Kingdom.
* Director or member of various committees within the Saudi Wildlife

Authority.



• Co-investigator of the project “The genus Prosopis: Allergenic and biochemical properties” (Funded by King Abdulaziz City for Science and Technology (KACST), Riyadh, 1999-2001

• Co-investigator of the project “The possibility of benefiting from wild plants growing in the Kingdom for horticultural and ornamental use in cities.” (funded by King Abdulaziz City for Science and Technology, Riyadh) 1997-1999.

• Principal investigator of the research project “Flora of Jizan Region, funded by

King Abdul Aziz city for Science and Technology, 1999-2003

• Consultant of the research project “Conservation of Juniper woodlands in Saudi Arabia” (A joint research project between Japanese International cooperation agency (JICA) and National Commission for Wildlife Conservation and Development (NCWCD), Riyadh. 1999-2002

• Member of the research project Satellite image Atlas of Saudi Arabia. (Center for desert Studies and KACST) 2000-2003

• Member of the research project “Forest conservation” (funded by Ministry of

Agriculture & Water and KACST) 2000 –

• Co-investigator of the research project, “Studying the possibility of raising some firewood trees and their economic and ecological importance in the Central Region of Saudi Arabia (funded by Ministry of Agriculture and water and KACST), 2001-

2004.

• Co-investigator of the research, Conservation and valuation of plant diversity of potential economic value in mountain ecosystems, Kingdom of Saudi Arabia. Project no. 10-ENV1276-02, Funded by King Abdulaziz City for Science and Technology. 2011-2012/2012-2013.

• Co-investigator of the research project, Impact assessment and management of invasive species in plant diversity centres and agriculture fields of Saudi Arabia, Project No. 10-ENV1295-02, Funded by King Abdulaziz City for Science and Technology. 2011-2012/2012-2013.

• Principal investigator of the research project, Wetland monitoring in the Kingdom of Saudi Arabia: a tool for the assessment of global changes, Project No: 12- ENV2569-02, Funded by King Abdulaziz City for Science and Technology. 2014-

2016.

• Principal investigator of the research project, Mechanisms of the control of cuticular transpiration in Saudi Arabian desert plants, Project No: 12-ENV2564-02, Funded by King Abdulaziz City for Science and Technology. 2014-2016.

**University and Community Services**

*a)* Member of Saudi Biological Society from 1977 to date.

*b)* Member of the Aredh protected area establishment committee (NCWCD) in

1992

*c)* Member of the Arabian Gulf protected area establishment committee, in

1992

*d)* Chairman of the Majam’ Al-Hadhb reserve working team. From 1993

Onwards.

*e)* Reviewer of several research projects submitted to King Abdul Aziz City for

Science and Technology (KACST)

*f)* Reviewer of scientific books submitted to the Universities and National

Commission for wildlife conservation and Development (NCWCD)

*g)* Referee of several scientific papers submitted to different journals

*h)* Academic advisor of many students at the dept. of Botany & Microbiology, King Saud University.

**Thesis Supervision**

1. Co-supervisor of the qualified M.Sc. Thesis “ Comparative Ecological Studies of Vegetation in varied adjacent habitats in Wadi Al-Hair (Riyadh), Botany & Microbiology dept. , King Saud University.

2. Supervisor of M.Sc. Thesis “ Flora of Jabal Fayfa” , Dept. of Botany &

Microbiology, Faculty of Science, King Saud University, 1996

3. Supervisor of M.Sc. Thesis “ Flora of Farasan Islands” Dept. of Botany & Microbiology, Faculty of Science, King Saud University. 1999

4. Supervisor of M. Sc. Thesis “Survey of poisonous plants in Saudi Arabia”, Dept.

of Botany & Microbiology, Faculty of Science, King Saud University, 2000

5. Supervisor of M. Sc. Thesis “Systematic and ecologic studies of halophytes in

Saudi Arabia, Dept. of Botany & Microbiology, King Saud University, 2001.

6. Supervisor of Ph.D. thesis. “Systematic studies on the genus Verbascum in Saudi

Arabia, Dept. of Botany & Microbiology, King Saud University, 2002.

7. Supervisor of M.Sc. thesis “Systematic revision of the genus Pulicaria in Saudi

Arabia” Dept. of Botany & Microbiology, King Saud University, 2002.

8. Supervisor of M.Sc. thesis Soil seed bank of Wadi Hanifa, Saudi Arabia, Dept. of

Botany & Microbiology, King Saud University, 2002.

9. Supervisor of M.Sc. thesis “Seed germination studies of Rumex spp. in Saudi

Arabia”, Dept. of Botany & Microbiology, King Saud University, 2004.

10. Supervisor of Ph.D. Thesis “Eco-physiological studies on certain important plants

of Saudi Arabia” (in progress)

11. External examiner of several M.Sc. and Ph.D. thesis in King Saud University and other Universities in the Kingdom.

**Publications-**

**Topmost Journals (Nature and Science):**

1. Librado, P, Gamba, C, Gaunitz, C, Sarkissian, CD, Pruvost, M, Albrechtsen, A, Fages, A, Khan, N, Schubert, M, Jagannathan, V, Aitor Serres-Armero, Kuderna, LFK, Povolotskaya, IS, Seguin-Orlando, A, Lepetz, S, Neuditschko, M, Thèves, C, Alquraishi, S, **Alfarhan, AH,** Khaled Al-Rasheid, Rieder, S, Samashev, Z, Henri- Paul Francfort, Benecke, N, Hofreiter, M, Ludwig, A, Keyser, C, Tomas Marques- Bonet, Ludes, B, Crubézy, E, Leeb, T, Willerslev, E, Orlando, L .2017. Ancient genomic changes associated with domestication of the horse. **SCIENCE**. 356 (6336): 442-445. DOI: 10.1126/science.aam5298.

2. Gaunitz, C., Fages, A., Hanghoj, K., Albrechtsen, A., Khan, N., Schubert, M., Seguin-Orlando, A., Owens, IJ., Felkel, S., Bignon-Lau, O., Damgaard, PD., Mittnik, A., Mohaseb, AF., Davoudi, H., Alquraishi, S., **Alfarhan, A.H**., Al- Rasheid, KAS., Crubezy, E., Benecke, N., Olsen, S ., Brown, D., Anthony, D., Massy, K., Pitulko, V., Kasparov, A., Brem, G., Hofreiter, M., Mukhtarova, G., Baimukhanov, N., Lougas, L., Onar, V., Stockhammer, PW., Krause, J., Boldgiv, B., Undrakhbold, S., Erdenebaatar, D., Lepetz, S., Mashkour, M., Ludwig, A., Wallner, B., Merz, V., Merz, I., Zaibert, V., Willerslev, E., Librado, P., Outram, AK., Orlando, L. 2018. Ancient genomes revisit the ancestry of domestic and Przewalski's horses. **SCIENCE**. 360(6384): 111-114.

3. Pablo Librado, Naveed Khan, Antoine Fages, Mariya A. Kusliy, Tomasz Suchan, Laure Tonasso-Calvière, Stéphanie Schiavinato, Duha Alioglu, Aurore Fromentier, Aude Perdereau, Jean-Marc Aury, Charleen Gaunitz, Lorelei Chauvey, Andaine Seguin-Orlando, Clio Der Sarkissian, John Southon, Beth Shapiro, Alexey A. Tishkin, Alexey A. Kovalev, Saleh Alquraishi, **Ahmed H. Alfarhan**, Khaled A. S. Al-Rasheid, Timo Seregély, Lutz Klassen, Rune Iversen, Olivier Bignon-Lau, Pierre

Bodu, Monique Olive, Jean-Christophe Castel, Myriam Boudadi-Maligne, Nadir Alvarez, Mietje Germonpré, Magdalena Moskal-del Hoyo, Jarosław Wilczyński, Sylwia Pospuła, Anna Lasota-Kuś, Krzysztof Tunia, Marek Nowak, Eve Rannamäe, Urmas Saarma, Gennady Boeskorov, Lembi Lōugas, René Kyselý, Lubomír Peške, Adrian Bălășescu, Valentin Dumitrașcu, Roxana Dobrescu, Daniel Gerber, Viktória Kiss, Anna Szécsényi-Nagy, Balázs G. Mende, Zsolt Gallina, Krisztina Somogyi, Gabriella Kulcsár, Erika Gál, Robin Bendrey, Morten E. Allentoft, Ghenadie Sirbu, Valentin Dergachev, Henry Shephard, Noémie Tomadini, Sandrine Grouard, Aleksei Kasparov, Alexander E. Basilyan, Mikhail A. Anisimov, Pavel A. Nikolskiy, Elena Y. Pavlova, Vladimir Pitulko, Gottfried Brem, Barbara Wallner, Christoph Schwall, Marcel Keller, Keiko Kitagawa, Alexander N. Bessudnov, Alexander Bessudnov, William Taylor, Jérome Magail, Jamiyan-Ombo Gantulga, Jamsranjav Bayarsaikhan, Diimaajav Erdenebaatar, Kubatbeek Tabaldiev, Enkhbayar Mijiddorj, Bazartseren Boldgiv, Turbat Tsagaan, Mélanie Pruvost, Sandra Olsen, Cheryl A. Makarewicz, Silvia Valenzuela Lamas, Silvia Albizuri Canadell, Ariadna Nieto Espinet, Ma Pilar Iborra, Jaime Lira Garrido, Esther Rodríguez González, Sebastián Celestino, Carmen Olària, Juan Luis Arsuaga, Nadiia Kotova, Alexander Pryor, Pam Crabtree, Rinat Zhumatayev, Abdesh Toleubaev, Nina L. Morgunova, Tatiana Kuznetsova, David Lordkipanize, Matilde Marzullo, Ornella Prato, Giovanna Bagnasco Gianni, Umberto Tecchiati, Benoit Clavel, Sébastien Lepetz, Hossein Davoudi, Marjan Mashkour, Natalia Ya. Berezina, Philipp W. Stockhammer, Johannes Krause, Wolfgang Haak, Arturo Morales-Muñiz, Norbert Benecke, Michael Hofreiter, Arne Ludwig, Alexander S. Graphodatsky, Joris Peters, Kirill Yu. Kiryushin, Tumur-Ochir Iderkhangai, Nikolay A. Bokovenko, Sergey K. Vasiliev, Nikolai N. Seregin, Konstantin V. Chugunov, Natalya A. Plasteeva, Gennady F. Baryshnikov, Ekaterina Petrova, Mikhail Sablin, Elina Ananyevskaya, Andrey Logvin, Irina Shevnina, Victor Logvin, Saule Kalieva, Valeriy Loman, Igor Kukushkin, Ilya Merz, Victor Merz, Sergazy Sakenov, Victor Varfolomeyev, Emma Usmanova, Viktor Zaibert, Benjamin Arbuckle, Andrey B. Belinskiy, Alexej Kalmykov, Sabine Reinhold, Svend Hansen, Aleksandr I. Yudin, Alekandr A. Vybornov, Andrey Epimakhov, Natalia S. Berezina, Natalia Roslyakova, Pavel A. Kosintsev, Pavel F. Kuznetsov, David Anthony, Guus J. Kroonen, Kristian Kristiansen, Patrick Wincker, Alan Outram & Ludovic Orlando. 2021. The origins and spread of domestic horses from the Western Eurasian steppes. **NATURE**, 598(7882), pp. 634–640.

**Other high impact journals:**

1. Chaudhary, S.; A. M. El-Sheikh, M. M. Farraj, **Ahmed H. Alfarhan**, Y.Al-Wutaid, Ahmed, S. (1988). Vegetation of some high altitude areas of Saudi Arabia, Proc. Saudi Bio. Soc. 11: 237-245.
2. Praveen, A.; Ahmed H. **Al-Alawi (old name of Alfarhan**) and Hussain, S.Z. 1989).
   1. A contribution to the palynological survey of the genus Convolvulus from south west Asia and Arabian Peninsula. Pak. Jour. Bot. 21(3): 197-209.
3. **Ahmed H. Alfarhan** (1991). Two new Convolvulus taxa from the Arabian

Peninsula. Botan. Jour. Linn. Soc. 106: 259-263.

1. **Ahmed H. Alfarhan**; Farraj, M.M. and Hajar, A.S. (1992). Wild Edible plants in

Saudi Arabia. Arab Gulf Jour. Sci. Res. 10(1): 91-108.

1. **Ahmed H. Alfarhan** (1993). A new species of *Convolvulus* (Convolvulaceae) from

Saudi Arabia. Brittonia, 45(3): 169-171.

1. **Ahmed H. Alfarhan** (1993). Taxonomic studies on the genus Nuxia Comm. ex

Lam. In Saudi Arabia., Jour. Colle. Sci., King Saud Uni. 5(2): 119-126.

1. Hashem, A.R. and **Ahmed H. Alfarhan** (1993). Mineral contents of wild plants from Ashafa, Toroba, Wahat and Wehait (Saudi Arabia). Jour. Coll. Sci., King Saud University, 5(2): 101-106.
2. **Ahmed H. Alfarhan** and Thomas, J. (1994). The identification of vascular plant- families in Saudi Arabia. Saudi Bio. Soc. 225p.
3. **Ahmed H. Alfarhan** (1994) Family Convolvulaceae in Saudi Arabia. Bio. Sci. 3:

141-232.

1. **Ahmed H. Alfarhan** (1994). Taxonomic revision of the genus *Cuscuta* L. in Saudi

Arabia. Arab Gulf Jou. Sci. Res. 12(1): 99-107.

1. Hussein, H.; Soliman, F.; Al-Rajhi, D. and **Ahmed H. Alfarhan** (1996). Plant extracts as an alternative tool for pests control. Alex. Sci. Exchange. 17(2): 167-174.
2. Hajar, A.S.; Chaudhary, S.; **Ahmed H. Alfarhan**; Farraj, M.M. and Al-Juwayed, A. (1996). Peculiar mode of propagation in *Crinum yemense* Defl. (Amaryllidaceae) population in Saudi Arabia. Jour. of King Abdul Aziz Univ. 7: 71-77.
3. **Ahmed H. Alfarhan**; Thomas, J. and Alallah, M.I. (1997). Noteworthy records to the Flora of Saudi Arabia, Jour. Kuwait Univ. 24(1): 123-130.
4. Farraj, M.M.; Yemeni, M.N. and **Ahmed H. Alfarhan** (1997). Ecological studies on raudhat system in Saudi Arabia. 1- Raudhat Khorim. Pak. Jour. Bot. 29(1): 75-

88.

1. **Ahmed H. Alfarhan**, Chaudhary, S. and Thomas, J. (1998). Notes on the Flora of

Saudi Arabia, Jour. Colle. Sci. 10(1) 31-40.

1. **Ahmed H. Alfarhan** (1999) A phytogeographical analaysis of the floristic elements in Saudi Arabia. Pak. Jour. Bio. Sci. 2(3): 702-711.
2. Yemeni, M.N.; **Ahmed H. Alfarhan** and Farraj, M.M. (2000). Ecological studies on Raudhat system in Saudi Arabia. II. Soil seed bank of Rawadhat Khorim. Pak. Jour. Bot. 32(2): 273-282.
3. Adam, S.E.I.; **Ahmed H. Alfarhan** and Al-Yahya, M.A. (2000) Effect of combined Citrullus colocynthis and Rhazya stricta use in Najdi Sheep, American Journal of Chinese Medicine, Vol. 28 (3-4): 385-390.
4. **Ahmed H. Alfarhan**. (2000) An account of the genus *Croton* L. in Saudi Arabia with a new record of *C. bonplandianus* Baill. Saudi Jour. Biol. Sci. 7(1): 39-45.
5. Al-Yahya, M.A.; **Ahmed H. Alfarhan** and Adam, S.E.I. (2000). Preliminary toxicity study on the individual and combined effects of Citrullus colocynthis and Nerium oleander in rats. Fitoterapia 71: 385-391.
6. Adam, S.E.I.; Al-Yahya, M.A.; **Ahmed H. Alfarhan** (2001). Combined toxicity of

Cassia senna and Citrullus colocynthis in Rats. Vet Human Toxicol. 43 (2): 70-72.

1. Adam, S.E.I.; Al-Yahya, M.A. and **Ahmed H. Alfarhan** (2001). Response of Najdi sheep to oral administration of *Citrullus colocynthis* fruits, Nerium oleander leaves or their mixture. Small Ruminant Research, 40: 239-244.
2. **Ahmed H. Alfarhan**. (2001) A floristic account on Raudhat Khuraim (Central

Province), Saudi Arabia, Saudi Journal of Biological Sciences, 8(1): 80-103.

1. Adam, S.E.I.; Al-Yahya, M.A. and **Ahmed H. Alfarhan** (2001). Acute toxicity of various oral doses of dried Nerium oleander leaves in sheep. American Journal of Chinese Medicine, 29(3-4): 525-532.
2. Adam, S.E.I.; **Ahmed H. Alfarhan** and Al-Yahya, M.A. (2001). Effects of dietary mixtures of Citrullus colocynthis (L.) Schrad. And Rhazya stricta Decne in Rats. Journal of Herbs, Spices & Medicinal Plants 8(4): 9-18.
3. **Ahmed H. Alfarhan**; Turki, T.A.; Thomas, J. and Basahy, R.A. (2002). Annotated list to the flora of Farasan Archipelago, Southern Red Sea. Taeckholmia, 22(2): 1-

33.

1. Adam, S.E.I.; Al-Yahya, M.A. and **Alfarhan, A.H**. (2002). Toxicity of Nerium oleander and Rhazya stricta in Najdi sheep: Hematologic and clinicopathologic alterations. American journal of Chinese medicine, Vol. 30 (2&3), 255-262.
2. **Ahmed H. Alfarhan**. (2002) Revision of the genus *Lepidium* L. in Saudi

Arabia. Journal of King Saud University.

1. Akram Ali, **Alfarhan, A.H**.; Ernest Robinson, and Ibrahim Aldjain (2008): Pattern of survival and mortality of *Avicennia marina* population grown at Aljubail area in

Saudi Arabia coast of the Arabian Gulf. American J. Agricultural and Biological

Sciences (USA), 3(3): 610-616.

1. Akram Ali, **Alfarhan, A.H**.; Ernest Robinson Nagat Bokhari, Khaled Al-Rasheid and Saleh Al-Quraishy (2008): Tropospheric ozone effects on the productivity of some crops in central Saudi Arabia. American J. Environment Sciences (USA) 4(6):

631-637.

1. Khan HA, Arif IA, Al Homaidan AA, **Alfarhan AH**. (2008). Application of 16S rRNA, cytochrome b and control region sequences for understanding the phylogenetic relationships in Oryx species .Genetics and Molecular Research 7 (4):

1392-139

1. Khan HA, Arif IA, Bahkali AH, **Alfarhan AH**, Al Homaidan AA. (2008). Bayesian, maximum parsimony and UPGMA models for inferring the phylogenies of antelopes using mitochondrial markers .Evolutionary Bioinformatics 4: 263-270.
2. Khan HA, Arif IA, **Alfarhan AH**, Al Homaidan AA. (2008) Phylogenetic analysis of oryx species using partial sequences of mitochondrial rRNA genes .Genetics and Molecular Research7(4):-1150 1155.
3. Akram Ali, **Alfarhan, A.H**.; Ibrahim Aldjain, Nagat Bokhari, Wafa’a Al-Taisan, Khaled Al-Rasheid and Saleh Al-Quraishy (2008): Photosynthetic responses of pea plants (Pisum sativum L. cv. Little marvel) exposed to climate change in Riyadh city, KSA. African J. Biotechnology (USA), 7(15): 2630-2636.
4. Thomas, J.; **Alfarhan, A.H**.; Aldjain, I.M.N. ; Miller, A.G.; Othman L. & Akram, A. (2008). An account on the eastern limits of Afro-Arabian plants. Basic and applied dry land research, 2: 12-22.
5. Akram Ali, **Alfarhan, A.H**.; Ernest Robinson and Wafa Altesan (2009): Soil quality of die off and die back mangrove grown at Aljubail area (Saudi Arabia) of the Arabian Gulf. American Journal of Applied Sciences (USA), 6(4): 498-506.
6. Akram Ali; **Alfarhan,A.H**.; Ibrahim Aldjain and Nagat Bokhari (2009): Effects of ambient gases on respiration of soil supporting four crops in central Saudi Arabia. American J. Applied Sciences (USA), 6(3): 456-462.
7. **Alfarhan, A.H**.; Aldjain, I.M.N.; Jacob Thomas; Miller, A.G.; Othman L. & Akram.
   * 1. (2009). Botanic Garden in the Arabian Peninsula, Sibbaldia, The Journal ofBotanic Garden Horticulture, No. 6: 189-203
8. Al Harfi, H.; **Alfarhan, A.H**.; Al-Rasheid, K.; Thomas, J. (2009). Allergenic pollens of Saudi Arabian flora. Center of Excellence in Biodiversity Reseaerch, King Saud University, Riyadh.
9. Hall, M.; Scholte, P., Al- Khulaidi, A.W.; Miller A.G.; Al-Qadasi, A.H.; **Alfarhan, A**. H. & Al-Abbasi, A.M. (2009). Arabia’s last forests under threat i i : remaining fragments of unique valley forest in southwest Arabia, Edinburgh Journal of Botany

66 (2): 263–281.

1. **Alfarhan, A.H**., Sivadasan, M. & Thomas. J. (2009). Proposal to conserve the name

Loxsoma (Loxsomataceae) with that spelling. TAXON 58(4): 1370-1371.

1. Ali, A.; **Alfarhan, A.H**.; Aldjain, I.; Bokhari, N. (2009). Effect of ambient gases on respiration of soil supporting four crops in central Saudi Arabia. American Journal of Applied Sciences 6 (3)**:** 456-462
2. **Alfarhan, A.H**., Sivadasan, M., Thomas, J. & Samraoui, B. (2010). Proposals to delete Articles 18.5, 18.6 and 19.7, replacing them with three Notes, and to provide consequent changes to App. IIB and to Articles 10.6, 11.1, 18.1, and 19.4. TAXON

59 (2) : 656–666

1. Al-Abbasi, T.M.; **Alfarhan, A.H**.; Al-Khulaidi, W.; Hall, M.; Lewellyn, O.A.; Miller, A.G. and Patzelt, A. (2010) Important plant areas in the Arabian Peninsula. Edinburgh J. of Botany, 67(1): 25-35.
2. Arif, IA, Khan HA, Bahkali AH, Al Homaidan AA, **Alfarhan AH**, Shobrak M, Al Sadoon M (2009). Comparison of Neighbor-joining and maximum-parsimony methods for molecular phylogeny of Oryx species using 12S rRNA and 16S rRNA gene sequences. Animal Biology Journal 1(2): 117-125.
3. Arif, I.A., Bakir MA, Khan HA, **Alfarhan AH**, Al Homaidan AA, Bahkali AH, Al Sadoon M, Shobrak M .A (2010) A brief review of molecular techniques to assess plant diversity .International Journal of Molecular Science 11(5): 2079-2096
4. Arif, I.A., Khan HA, Shobrak M, Al Homaidan AA, Al Sadoon M, **Al Farhan AH**, Bahkali AH (2010). Interpretation of electrophoretograms for 7 microsatellites loci to determine the genetic diversity of Arabian Oryx. Genetics and Molecular Research. 25 (1): 259-265.
5. Arif, I.A., Khan HA, Bahkali AH, Al Homaidan AA, **Al Farhan AH**, Shobrak M, Al Sadoon M (2010). Usefulness of non-invasive methods of DNA sampling but with a caution .Animal Biology Journal 1(3): 151-155.
6. Khelifa Rassim, Abdeljalil Youcefi, Amin Kahlerr, **Ahmed Alfarhan** & Boudjéma Samraoui (2010) L’odonatofaune (*Insecta : Odonata*) du bassin de la Seybouse en AlgÉrie : intÉrÊt pour la biodiversitÉ du Maghreb, Rev. Écol. (Terre Vie), vol. 66:

1-11.

1. Arif IA, Bakir MA, Khan HA, Ahamed A, **Alfarhan AH,** Al Homaidan AA, Al

Sadoon M, Bahkali AH, Shobrak M. (2010). A Simple Method for DNA Extraction

from Mature Date Palm Leaves: Impact of Sand Grinding and Composition of Lysis

Buffer. International Journal of Molecular Sciences. 11 (9): 3149-3157.

1. Arif, I.A., Khan HA, Shobrak M, Al Homaidan AA, Al Sadoon M, **Alfarhan AH**. (2010). Measuring the genetic diversity of Arabian Oryx using microsatellite marker implication for captive breeding. Genes and Genetic Systems, 85: 141-145.
2. Thomas, J**.; Alfarhan, A.H**.; Samraoui, B.; Sivadasan, M.; Bukhari, N.; Al-Atar, A.A. 2010. Floristic composition of the Farasan Archipelago in SE Red Sea and its affinities to phytogeographical regions. Arab Gulf Journal of Scientific Research

28(2): 79-90.

1. Khemissa Chakri, Laïd Touati, **Alfarhan, A. H**.; Khaled A.S. Al-Rasheid and Boudjéma Samraoui. 2010. Effect of vertebrate and invertebrate kairomones on the life history of *Daphnia magna* Straus (Crustacea: Branchiopoda), CRBiologies 333:

836-840.

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