Curriculum Vitae

PERSONAL INFORMATION

Name	**Ahmad bin Abdullah Alkhazim Alghamdi**	Address	Engineer Abdullah Bagshan Chair for Bee Research, Bee Research Unit, Department of Plant Protection, College of Food and Agricultural Science, King Saud University, P.O. Box 2460, Riyadh- 11451, Saudi Arabia (KSA) Tel. Off. : 0114696001 Mobile : 0505782019 Email : aalkhazim@gmail.com Website : http://www.saudibi.com http://faculty.ksu.edu.sa/alkhazim
Nationality	**Saudi**		
Position	**Professor w.e.f 01-08-2008**		

ACADEMIC RECORDS

Degree	Year	University	College	Specialty
Doctor of Philosophy in Apiculture (PH.D)	1997	Michigan State University, USA	College of Agricultural & Natural Resources	Apiculture
Master of Philosophy in Apiculture (M.Phil)	1990	University of Wales, UK	School of Pure and Applied Biology	Apiculture
Higher Diploma in Apiculture	1988	University of Wales, UK	School of Pure and Applied Biology	Apiculture

Bachelor of Science in Agriculture	1985	King Saud University, Saudi Arabia	College of Agriculture and Food Science	Agriculture

ADMINISTRATIVE POSITIONS

Administrative and Scientific research field

- Supervisor of the National Plan for Science, Technology & Innovation (NPSTI) and Director of the Science and Technology Unit at King Saud University since January 2008 - present.
- Supervisor of Engineer Abdullah Bagshan for Bee Research-King Saud University since 1/2/2009 - present.
- Chairman of the Bee Research Unit, King Saud University since 14/03/1998 - present.

Specialization field

- President of the Union of the International Beekeepers (APIMONDIA) for the Middle East and Arab Countries since October 2017 - present.
- Chairman of Arab beekeepers Association since Feb. 2018 - present.
- Director of the Arab Network for Honey Bee Breeding promotion - Arab Organization for Agricultural Development and FAO consultant (FAO Headquarters in Sudan) 14/1/2016 - present
- Consultant in the field of bee industry and breeding, Food and Agriculture Organization, United Nation since 1/4/2018 - present.
- Vice President of Asian Beekeeper Association, Oct-2015 tell present.
- Chairman of the Board Council of the beekeepers cooperative Association, Al-Baha since 2/9/1429 tell present.
- Chairman of Arab beekeepers Union since 25/11/2007 - Dec. 2011.
- Chief in Editor of Saudi Bee Journal issued from Engineer Abdullah Bagshan chair for Bee Research-King Saud University.
- Member of Executive Committee of International Beekeeping Association (APIMONDIA) since 2000 - present

TRAINING IN MANAGEMENT AND SCIENTIFIC FIELD

1. International Professional Certificate of "Manager of the planning and strategic thinking "Dubai, May 24-28, 2015.
2. A leadership practices, administrative efficiency, and strategic thinking, Marwa Center for Training and Management, Meknes - Morocco, 23.03.2013 to 04.01.2013.
3. Leadership Excellence, creativity administrative, changing and strategic planning skills, the British Centre for Development and Training, Beirut from 13-17/06/2010.
4. Training Course in innovation and entrepreneurship, organized by SRI, held at King Abdulaziz City for Science and Technology, 2-6 May 2009.
5. Training Course in the strategic planning of the work and the art of management and leadership skills, the golden goal Centre, Dubai, 18-22 April 2009.
6. Training Course in the management of research and development. Organized by SRI, held at King Abdul Aziz for Science and Technology, 21-25 March 2009.

7. Training Course in Project Management – with the use of basic software Microsoft Project, Deposit Training Centre, Medina, 21-25 June 2008.

TRAINING COURSEI IN SPECIALIZATION FIELD

1. Scientific trip to New Zealand, Australia, Thailand, UK, and Egypt to visit Universities Bee labs. Bee research institutes and Bee equipment manufacturers. During the sabbatical leave, April- September 2003.
2. Advanced training in Industrial bee Insemination and improvement of bee breeds 6-16, June 2001, Ohio State University, Columbus, Ohio, USA
3. Bee diseases diagnosis, 5 – 8 August 1997, USDA Beneficial insects Laboratory at Beltsville, Maryland, USA.
4. Honey analysis, grading and Packaging, 25-28 July 1997 Sioux Honey Association, Sioux City, Iowa, USA.
5. Advanced Beekeeping breeding, the Bee Society in the eastern United States, July 29- August 2, 1996, James Madison University, Harrisonburg, Virginia, USA.
6. Integrated Pest Management, 21 July- 9 August 1996, Institute of International Agriculture, Michigan State University, USA
7. Instrumental Insemination of bee queens and improvement of bee breeds, 19-22 June 1996, Ohio State University, Ohio, USA.
8. Advanced Beekeeping, Eastern Apiculture association, 31 July – 4 Aug 1995, Wooster, Ohio, USA.
9. Medical-Veterinary Acarology, Acarology Summer Program June 19 -30, 1995, Ohio State University, Columbus, Ohio.
10. Professional Bee course, February 19 - 24, 1995, Simon Fraser University, Burnaby, British Colombia, Canada.
11. Global Pest Management Resistance, July 5-15, 1994, Institute Michigan State University, USA.
12. Introduction on the Acari and Agricultural Acarology, Acarology Summer Program 20 June -9 July 1993 Ohio State University, Columbus, Ohio, USA.
13. Scientific trip to Denmark, Holland, Belgium and Germany to visit Universities Bee labs, Bee research institutes, and Bee equipment manufacturers. Organized by Bee Research Unit University of Wales. May 23 – June 6, 1989.
14. Techniques of identification and purification of honeybee viruses and identification of honeybee bacteria. Rothmasted Station, U.K. 1989 (1410H) (For one month).
15. Scientific trip to Holland, Belgium, Germany and France to visit Universities Bee labs, Bee research institutes, and Bee equipment manufacturers. Organized by Bee Research Unit, University of Wales, May 22 – June 4, 1988.

MEMBER OF PERMANENT COMMITTES

1. **Member of Consultancy Committee of Arab Beekeepers Network** from 14/01/2016 to present
2. **Deputy General Secretary-** of the Advisory Commission to the Al-Baha area, 25.05.2013 to till date.
3. **Steering Committee Member** for implementing and evaluating the first phase of National Plan for Science, Technology and Innovation projects including framing out for second phase of the national plan projects, King Abdul Aziz City for Science and Technology from 13.03.2013 to till date.

4. **Member of Higher Committee** for Research Chairs Program at King Saud University from 27.03.2013 to till date
5. **Member of Agricultural Cooperative Societies**, Kingdom of Saudi Arabia from 23.11.2012 to till date.
6. **Chairman of the founding committee** and Advisory Commission for the Al-Baha area, from 17.04.2012 – 25.03.13
7. **Member for Follow-up Committee** in Ministry of Higher Education for educational development in the departments/colleges of King Saud University, from 01.03.2010 to till date.
8. **Member of Supervisory Committee** for the National Plan for Science, Technology and Innovation, King Abdul Aziz City for Science and Technology of 18/12/2009 until 26.11.2011.

HEAD OF ORGANISING COMMITTTES

9. **Head of Committee** of preparing the beekeeping strategic plan in Arab countries
10. **Chairman of** 13th Asian Apicultural Association Conference (AAAC) from 24th - 26th April 2016 held at Jeddah, KSA
11. **Chairman of the Committee** of the formulation and preparing the national beekeeping strategic in the Kingdom of Saudi Arabia.
12. **Chairman of the Organizing Committee** of the 6th International Conference of the Arab Union Beekeepers.
13. **Chairman of the 2nd Organizing Committee for Saudi-Yemen** cooperative for optimal utilization of the beekeeping wealth in both countries.
14. **Chairman of the National meetings** of the beekeepers in the KSA- half yearly events.
15. **Head of the Organizing Committee** of medical usage of the bee products workshop, 07/05/2014
16. **Head of the Organizing Committee** of the International Festival of honey which is held annually in Al-Baha, Saudi Arabia

MEMBERSHIP OF SCIENTIFIC ASSOCIATIONS

1. Arab plant protection Association Since, Jan-2007 to present.
2. Saudi Society of Agricultural Science since 2000.
3. American Association of Professional Apiculturists since 1995
4. Acarological Society of America since 1995.
5. Entomological Society of America since 1992
6. International Bee Research Association since 1987.
7. Saudi Biological Society since 1985.

CONFERENCES ATTENDED

Participated in 112 National and International conferences.

RESEARCH ACTIVITIES

Published more than 120 papers in different international journals

PATENTS

Published 3 patents from European office and 4 are in process

BOOKS AUTHORED / TRANSLATED

1. Author of “diseases of honey bees “King Saud University, 2017.
2. Author of “beeswax production” King Saud University, 2013.
3. Author of “pollen production." King Saud University, 2012.
4. Author of “Illustrated Guide to Beekeeping Honey" King Saud University, 2012.
5. Author of “royal food production." King Saud University, 2010.
6. Author of “production of bee venom." King Saud University, 2010.
7. Author of “technically apiary management” King Saud University, 2010
8. Author of "Introduction to Beekeeping” King Saud University, 2009.
9. Translated the book - Standard methods for American foulbrood Research, 2017
10. Translated the book: Standard epidemiological methods to understand and improve Apis mellifera health, 2017
11. Translated the book: Standard methods for virus research in Apis mellifera, 2017
12. Translated the book: Standard methods for research on Apis mellifera gut symbionts, 2017
13. Translated the book: Standard methods for Tropilaelaps mites research, 2017
14. Translated the book: Standard methods for fungal brood disease research, 2017
15. Translated the book: Standard methods for instrumental insemination of Apis mellifera queens, 2017
16. Translated the book: Standard methods for estimating strength parameters of Apis mellifera colonies, 2017
17. Translated the book: Standard methods for Nosema research, 2017
18. Translated the book: Insect Molecular Genetics: An introduction of Principles and Applications by Marjorie A. Hoy (2016)
19. Translated the book - Standard methods for rearing and selection of Apis mellifera queens, 2016
20. Translated the book - Standard methods for tracheal mites research, 2016
21. Translated the book - Standard methods for Varrora research, 2016
22. Translated the book - Miscellaneous Standard methods for Apis mellifera research, 2016
23. Translated the book - Standard methods for pollination research with Apis mellifera, 2016
24. Translated the book - Standard methods for European foulbrood Research, 2016
25. Translated the book - Standard methods for Apis mellifera pest and pathogen Research, 2016
26. Translated the book - Pollination Bees in agro - ecosystems”, 2012.

27. Translated the book - Form and Function in the Honey Bee" it is one of the most comprehensive book in the honey bee (2009)

Master or/and PHD Supervised

No.	Supervisor Name	Name of Student	Title	Year	Degree
1	Dr. Ahmed Bin Abdullah AlGhamdi Dr. Javed Ansari	Khalid Ali Khan	Identification and characterization of gut microbial communities in Apis Mellifera Jemenitica and their potential role in honey bee health	٢٠١٧	Doctor of Philosophy
2	Dr. Mohammed Umar Mohammed Dr. Ahmed Bin Abdullah AlGhamdi	Abdur Raouf Mohammed Abdurrahman Omar	Developing Pollen Substitutes to Enhance Honey Bee Colonies Performance Based on Evaluating The Nutritional Basis in Riyadh Region, Saudi Arabia	٢٠١٦	Doctor of Philosophy
3	Dr. Ahmed Bin Abdullah AlGhamdi Dr. Yehya Zaki Alattal	Arif Rajab Karamh Sanjil	Interaction and tolerance between native honeybee Apis Mellifera L and Varroa mite Varroa destructor Anderson and Truemann 2000 in Albaha Region Saudi Arabia	٢٠١٥	Master
٤	Dr. Ahmed Bin Abdullah AlGhamdi Dr.Abdelsalam Mohamed Anwer	Hossam F. Abou-Shaara	Tolerance of Two Honey Bee Apis Mellifera Races to Elevated Temperature and Low Relative Humidity with Enhancement of Colonies Performance Using Modified Beehives	٢٠١٤	Master
5	Dr. Ahmed Bin Abdullah AlGhamdi Dr. Yehya Zaki Alattal	Mohammed Mohsen Mohammed AlSharhi	Genetic and morphometric characterization of the native honeybee race in Saudi Arabia	٢٠١٣	Master
6	Dr. Sobhi Mohamed El Sayed Ismail Dr. Ahmed Bin Abdullah AlGhamdi	Abdulaziz Marsh Qahtan Haddad	An economic analysis of honey production performance in Baha region in the kingdom of Saudi Arabia	٢٠١٢	Master
7	Dr. Zaid Abdullah Al Othman Dr. Ahmed Yassin Mohammed Bjah Haj Dr. Ahmed Bin Abdullah Al-Ghamdi	Mounir Said Obaid Abd	Analysis of Characteristic organic constituents in honey	٢٠١١	Master
8	Dr. Ahmed Bin Abdullah Al-Ghamdi	Abeer Mousa Al - Khibri	Effects of proteins and sugar feeding on morphology and histology of the Hypopharyngeal gland of some honeybee races in Saudi Arabia	٢٠٠٩	Master
9	Dr. Ahmed Bin Abdullah Al-Ghamdi	Mohammed Mohsen Mohammed Al-Sharhi	Effect of Feeding Types and its Seasonal Timing on Activities of Honeybee Colonies (Apis Mellifera Carnica hybrid	٢٠٠٨	Master

FUNDED PROJECTS FROM KACST

1- **Improved beekeeping technologies generation, evaluation and socio-economic analysis of the sub sector in Kingdome of Saudi Arabia**
Project Duration : 24 Months

Date of Completion : 2-2007
Funding Agency : King Abdul Aziz City for Science and Technology (KACST)

2- **Pre-adaptation of the native Bee Race Apis m. jemenetica to Varroa Mite Varroa destructor**
Project Duration : 24 Months
Date of Completion : 2-2011
Funding Agency: King Abdul Aziz City for Science and Technology (KACST)

3- **Determining spatial and temporal distribution, and relative values of honeybee flora in the Al-Baha region**
Project Duration : 24 Months
Date of Completion : 31-12-2013
Funding Agency : King Abdul Aziz City for Science and Technology (KACST)

4- **Behavioral and molecular assessment of heat tolerance in Apis mllifera jemenetica**
Project Duration : 24 Months
Date of Completion : 30-09-2013
Funding Agency: King Abdul Aziz City for Science and Technology (KACST)

5- **Assessing the spam relationship between the local breed of Apis mellifera jementica bees and varroa mites**
Project Duration : 24 Months
Date of Completion : 31-01-2014
Funding Agency: King Abdul Aziz City for Science and Technology (KACST)

6- **Identification and Characterization of Antimicrobial Agents Extracted from Honey collected from Different Locations in Saudi Arabia**
Project Duration : 24 Months
Date of Completion :31-12-2013
Funding Agency : King Abdul Aziz City for Science and Technology (KACST)

7- **Investigating the anti-cancer activity of bee venom and propolis collected from honeybee races in Saudi Arabia**
Project Duration : 24 Months
Date of Completion :31-12-2013
Funding Agency : King Abdul Aziz City for Science and Technology (KACST)

8- **Determination of Authenticity of honey in Saudi Arabia**
Project Duration : 24 Months
Date of Completion :1-4-2016
Funding Agency : King Abdul Aziz City for Science and Technology (KACST)

9- **Humoral immune responses of the native honeybee, Apis mellifera jementica: towards developing natural antibiotics against infectious food-borne diseases**
Project Duration : 24 Months
Date of Completion :15-10-2015
Funding Agency : King Abdul Aziz City for Science and Technology (KACST)

10- **Molecular mechanism of bee venom and propolis-accelerated wound healing in diabetic mice**
Project Duration : 24 Months
Date of Completion :1-4-2016
Funding Agency : King Abdul Aziz City for Science and Technology (KACST)

11- Analysing factors contributing for natural bee forage resource base degradation and their restoration potentials in the valleys of southwest Saudi Arabia
Project Duration : 22 Months
Date of Completion :Not yet Started
Funding Agency : King Abdul Aziz City for Science and Technology (KACST)

12- Towards an efficient monitoring of beekeeping activities and honey productivity in Saudi Arabia using a geo-localization tracking system
Project Duration : 24 Months
Date of Completion :not yet started
Funding Agency: King Abdul Aziz City for Science and Technology (KACST)

13- Investigating the responses of local bee race (Apis mellifera jemenetica) towards mass queen rearing and instrumental insemination techniques
Project Duration : 24 Months
Date of Completion : 1-10-2017
Funding Agency: King Abdul Aziz City for Science and Technology (KACST)

14- Development of Novel RNAi based Strategies to control Varroa destructor-A highly destructive Honeybee-Killer Mite in the Kingdom of Saudi Arabia
Project Duration : 24 Months
Date of Completion : Not Yet Started
Funding Agency : King Abdul Aziz City for Science and Technology (KACST)

15- Assessing beneficial bacteria in the indigenous honeybee (Apis mellifera jementica) of Saudi Arabia and their potential role in honey bee health
Project Duration : 24 Months
Date of Completion : Approved but not yet started
Funding Agency : King Abdul Aziz City for Science and Technology (KACST)

HONOURS & AWARDS

1. Award of the Scientific Excellence at King Saud University, 2013
2. Excellency Rector Award of excellence in the Community Service.
3. Lifetime Achievement Award, Taiwan, Dec. 10, 2012
4. Erudite Inventor for Outstanding International Achievement, Taiwan, Dec. 10. 2012.
5. Honours provided by the Saudi Society for Life Science, 13 April 2012
6. Award of Excellence from the Global Forum on Intellectual Property and associated with the Malaysia International Exhibition of Innovation, 14-16 February 2012.
7. Award of GCC Patents Office, Kuwait, Nov. 24, 2011
8. Student Award for the best paper, Awarded by American Association of Professional Apiculturists in the 'Tenth American Bee Research Conference' September, 23-25, 1995, Athens, Georgia USA.

MEDALS & CERTIFICATES

1. Golden medal from "3rd Saudi Exhibition for Innovation, 2013".
2. Two golden medals from" 43th Apimondia in Daejong, South Korea, Dec. 29, 2013"
3. Gold medal at International Invention Fair in the Middle East (IIFME), Kuwait, 22 November 2012
4. Two gold medals from Britain's International Exhibition of innovations and inventions, 27 Oct 2012
5. Three gold medals from Poland International Fair of innovations and inventions, 22 Oct. 2012

6. Bronze medal at Malaysia International Exhibition of Innovation, 16-18 Feb, 2012
7. Silver medal at Malaysia International Exhibition of Innovation, 16-18 Feb, 2012
8. Gold medal of the 4th International Invention Fair in the Middle East (IIFME), in Kuwait, 21 - 24 November 2011.
9. Gold medal from Britain's International Exhibition of innovation, creativity and technology, which was held in London from, 19 - 22 October 2011.
10. Gold medal of the Geneva International Exhibition of Inventors, its thirty-ninth session, which was held in Geneva , Switzerland, 6-10/4/2011.
11. Silver Medal from the Tenth Malaysia International Exhibition for innovation and invention, which was held from 14-16 March 2011, under the slogan "the transfer of innovation to the market "in Kuala Lumpur, Malaysia
12. American Bee masters Certificate, August 1996. Awarded by the Eastern Apiculture Society, USA.
13. Canadian Bee masters Certificate, February 1995. Awarded by the British Columbia Ministry of Agriculture and Food and Simon Fraser University.
14. Student Award for the best paper, Awarded by American Association of Professional Apiculturists in the 'Tenth American Bee Research Conference' September, 23-25, 1995, Athens, Georgia USA.
15. Certificates of thanks and appreciation to participate and deliver lectures on some occasions, for example, of the Kuwait Science Club, the Federation of Beekeepers Turks, and the President of the University of Hadramout, union beekeepers Jordanians, and Chairman of the Arab Organization for Agricultural Development.

LIST OF PUBLICATIONS

1	**Ahmad A. Al-Ghamdi** a, Nowfal I.M. Bayaqoob a, Ahmed I. Rushdi b,c,, Yehya Alattal a, Bernd R.T. Simoneit d, Aarif H. El-Mubarak e,f, Khalid F. Al-Mutlaq e. 2017. Chemical compositions and characteristics of organic compounds in propolis from Yemen. Saudi Journal of Biological Sciences 24 (2017) 1094–1103
2	Nuru Adgaba1 · **Ahmed A. Al-Ghamdi1** · Awraris Getachew1 · Yilma Tadesse1 ·Abera Belay3 · Mohammed J. Ansari1 · Sarah E. Radloff2 · Deepak Sharma1, 2017. Characterization of honeys by their botanical and geographical origins based on physico-chemical properties and chemo-metrics analysis. Food Measure (2017) 11 : 1106–1117
3	Yasser A. Elnakady1, Ahmed I. Rushdi2,3, Raimo Franke4, Nael Abutaha5, Hossam Ebaid1, Mohannad Baabbad5, Mohamed O. M. Omar6 & **Ahmad A. Al Ghamdi** 6, 2017. Characteristics, chemical Compositions and biological activities of propolis from Al-Bahah, Saudi Arabia. 2017. Scientific Reports, Nature
4	**Ahmed A. Al-Ghamdi** a, Nuru Adgaba a, Ahmed H. Herab b, Mohammad J. Ansari a 2017. Comparative analysis of profitability of honey production using traditional and box hives. Saudi Journal of Biological Sciences 24 (2017) 1075–1080
5	**Ahmad A. Al-Ghamdi**, Nuru Adgaba, Yilma Tadesse ⇑, Awraris Getachew, Anwer A. Al-Maktary, 2017. Comparative study on the dynamics and performances of Apis mellifera jemenitica and imported hybrid honeybee colonies in southwestern Saudi Arabia. Saudi Journal of Biological Sciences 24 (2017) 1086–1093
6	**Ahmad Al-Ghamdi** a, Seif Eldin A. Mohammeda,b, Mohammad Javed Ansari a, Nuru Adgaba a 2017. Comparison of physicochemical properties and effects of heating regimes on stored Apis mellifera and Apis florea honey. Saudi Journal of Biological Sciences xxx (2017) xxx–xxx (in press)
7	Nuru Adgaba a,, **Ahmed Al-Ghamdi** a, Rachid Sammoud b, Awraris Shenkute a, Yilma Tadesse a, Mahammad J. Ansari a, Deepak Sharma a, Colleen Hepburn c 2017. Determining spatio-temporal distribution of bee forage species of Al-Baha region based on ground inventorying supported with GIS applications and Remote Sensed Satellite Image analysis. Saudi Journal of Biological Sciences 24 (2017) 1038–1044

8	**Ahmad Al-Ghamdi** a, Khalid Ali Khan a, Mohammad Javed Ansari a, Saad B. Almasaudi b, Saad Al-Kahtani c 2017. Effect of gut bacterial isolates from *Apis mellifera jemenitica* on Paenibacillus larvae infected bee larvae. Saudi Journal of Biological Sciences 25 (2017) 383-387
9	Yehya Alattal **, Ahmad Al-Ghamdi**, Arif Single, Mohammad Javed Ansari, Hussien Alkathiri. 2017. Fertility and reproductive rate of Varroa mite, Varroa destructor, in native and exotic honeybee, Apis mellifera L., colonies under Saudi Arabia Conditions. Saudi Journal of Biological Sciences 24 (2017) 992–995
10	Mohammad Javed Ansari, **Ahmad Al-Ghamdi**, Nuru Adgaba, Khalid Ali Khan, Yehya Alattal. 2017. Geographical distribution and molecular detection of Nosema ceranae from indigenous honey bees of Saudi Arabia. Saudi Journal of Biological Sciences 24 (2017) 983–991
11	Dharam Pal Abrol a, Anil Kumar Gorka a, Mohammad Javed Ansari b,, **Ahmad Al-Ghamdi** b, Saad Al-Kahtani c, 2017. Impact of insect pollinators on yield and fruit quality of strawberry. Saudi Journal of Biological Sciences xxx (2017) xxx–xxx (in press)
12	Seif Eldin A. Mohammeda, Ahmed S. Kabbashi b, Waleed S. Koko b, Mohammad Javed Ansari a, Nuru Adgaba a**, Ahmad Al-Ghamdi** a, 2017. In vitro activity of some natural honeys against Entamoeba histolytica and Giardia lamblia trophozoites. Saudi Journal of Biological Sciences xxx (2017) xxx–xxx
13	Khalid Ali Khan a, Mohammad Javed Ansari a,, **Ahmad Al-Ghamdi** a, Adgaba Nuru a, Steve Harakeh b,c, Javaid Iqbal a 2017. Investigation of gut microbial communities associated with indigenous honey bee (*Apis mellifera jemenitica*) from two different eco-regions of Saudi Arabia. Saudi Journal of Biological Sciences 24 (2017) 1061–1068
14	Nuru Adgaba a, **Ahmed Al-Ghamdi** a, Yilma Tadesse a, Awraris Getachew a,Awad M. Awad b, Mohammad J. Ansari a, Ayman A. Owayss b, 2017. Seif Eldin A. Mohammed a, Abdulaziz S. Alqarni b 2017. Nectar secretion dynamics and honey production potentials of some major honey plants in Saudi Arabia. Saudi Journal of Biological Sciences (2017) 24, 180–191
15	Mohammad Javed Ansari a,e, **Ahmad Al-Ghamdi** a,, Khalid Ali Khan a, Nuru Adgaba a, Sherweit H. El-Ahmady b, Haidy A. Gad b, Abdulrahman Roshan b, Sultan Ayoub Meo c, Sevgi Kolyali d 2017. Validation of botanical origins and geographical sources of some Saudi honeys using ultraviolet spectroscopy and chemometric analysis. Saudi Journal of Biological Sciences 25 (2017) 377-382
16	Mohammad Javed Ansari, **Ahmad Al-Ghamdi**, Salma Usmani, Khalid Ali Khan, Abdulaziz S. Alqarni, Manpreet Kaur, Noori Al-Waili. 2017. In vitro evaluation of the effects of some plant essential oils on *Ascosphaera apis*, the causative agent of Chalkbrood disease. Saudi Journal of Biological Sciences, 24 (2017) 1001-1006.
17	N. Adgaba**, A. A. Al-Ghamdi**, A. Getachew, Y. Tadesse, A. Almaktary, M. J. Ansari, M. Al-Madani and D. Sharma. 2016. NATURAL NEST CHARACTERISTICS OF *APIS MELLIFERA JEMENITICA* (HYMENOPTERA; APIDAE) AND ITS IMPLICATIONS IN FRAME HIVE ADOPTION. The Journal of Animal & Plant Sciences, 26 (4): 1156-1163.
18	Nuru Adgaba, **Ahmed Al-Ghamdi**, Yilma Tadesse, Awraris Getachew, Awad M. Awad, Mohammad J. Ansari, Ayman A. Owayss, Seif Eldin A. Mohammed, Abdulaziz S. Alqarni. 2017. Nectar secretion dynamics and honey production potentials of some major honey plants in Saudi Arabia. Saudi Journal of Biological Sciences, 24 (2017) 180-191.
19	NURU ADGABA, **AHMED AL-GHAMDI**, YILMA TADESSE, AWRARIS GETACHEW AND MOHAMMED J. ANSARI. 2016. POLLINATION BIOLOGY AND SPATIO-TEMPORAL STRUCTURING OF SOME MAJOR *ACACIA* SPECIES (LEGUMINOSAE) OF THE ARABIAN PENINSULA. *Pak. J. Bot*., 48(4): 1517-1526
20	K.A. KHAN, **A.A. AL-GHAMDI** and M.J. ANSARI. 2016. THE CHARACTERIZATION OF BLOSSOM HONEYS FROM TWO PROVINCES OF PAKISTAN. Ital. J. Food Sci., 28(4), 625-638.
21	**Ahmad A. Al-Ghamdi,** Mohammed M. Alsharhi and Hossam F. Abou-Shaara. 2016. Current Status of Beekeeping in the Arabian Countries and Urgent Needs for its Development Inferred from a Socioeconomic Analysis. Asian Journal of Agricultural Research, 10 (2): 87-98.
22	Mohammad Javed Ansari, **Ahmad Al-Ghamdi,** Noori Al-Waili, Nuru Adgaba, Khalid Ali Khan, Abdulraouf Amro. 2016. ANTIMICROBIAL ACTIVITY OF *DRACAENA CINNABARI* RESIN FROM SOQOTRA ISLAND ON MULTI DRUG RESISTANT HUMAN PATHOGENS. Afr J Tradit Complement Altern Med. 13(1):118-122**.**
23	Nuru, A., **A. Al-Ghamdi**, A. Shenkut, M. Medani, M.J. Ansari. 2016. Pollination ecology, nectar secretion dynamics, and honey production potentials of *Acacia ehrenbergiana* (Hayne) and *Acacia tortilis* (Forsk.)

	Hayne, Leguminosae (Mimosoideae), in an arid region of Saudi Arabia. Journal of Tropical Ecology. 57(3): 429-444
24	Eedubilli Srinivas, Palash Dutta, Bogonda Ganganna, **Ahmad Alkhazim Alghamdi**, Jhillu Singh Yadav. 2016. Stereoselective Total Synthesis of Cryptomoscatone F1. Synthesis, 48, A–G
25	Mohammad Javed Ansari, **Ahmad Al-Ghamdi**, Salma Usmani, Noori Al-Waili, Adgaba Nuru, Deepak Sharma, Khalid Ali Khan, Manpreet Kaur, and Mohammed Omer. 2016. In vitro evaluation of the effects of some plant essential oils on Paenibacillus larvae, the causative agent of American foulbrood. BIOTECHNOLOGY & BIOTECHNOLOGICAL EQUIPMENT, 30 (1) 49-55.
26	Wael N. Hozzeina,b Gamal Badr.c **Ahmad A. Al Ghamdi.**d Ayat Sayede Noori S. Al-Wailif Olivier Garraudg,h. 2015. Topical Application of Propolis Enhances Cutaneous Wound Healing by Promoting TGF-Beta/Smad-Mediated Collagen Production in a Streptozotocin-Induced Type I Diabetic Mouse Model. Cell Physiol Biochem, 37, 940-954
27	**Ahmad A. Al Ghamdi**, Gamal Badr2*, Wael N. Hozzein3,4, Ahmed Allam3,5, Noori S. Al-Waili6, Mohammed A. Al-Wadaan3 and Olivier Garraud7, 2015. Oral supplementation of diabetic mice with propolis restores the proliferation capacity and chemotaxis of B and T lymphocytes towards CCL21 and CXCL12 by modulating the lipid profile, the pro-inflammatory cytokine levels and oxidative stress BMC Immunology 16:54, 1-14.
28	Redouan El-Haskoury1, Soumaya Zizi1, Soumaya Touzani1, Noori Al-Waili2, **Ahmad Al-Ghamdi**, Badiaa Lyoussi1. 2015. DIURETIC ACTIVITY OF CAROB (*CERATONIA SILIQUA* L.) HONEY: COMPARISON WITH FUROSEMIDE. Afr J Tradit Complement Altern Med. 12 (4):128-133
29	Noori Al-Waili1, Wael N. Hozzein2, Gamal Badr3, **Ahmed Al-Ghamdi**4, Hamza Al-Waili1, Khelod Salom1, Thia Al-Waili. 2015. PROPOLIS AND BEE VENOM IN DIABETIC WOUNDS; A POTENTIAL APPROACH THAT WARRANTS CLINICAL INVESTIGATION. Afr J Tradit Complement Altern Med. 12(6) 1-11.
30	Adgaba Nuru, **Ahmad A. Al-Ghamdi**, Yilma T. Tena, Awraris G. Shenkut, Mohammad J. Ansari, Anwer Al-Maktary. 2015. FLORAL PHENOLOGY, NECTAR SECRETION DYNAMICS, AND HONEY PRODUCTION POTENTIAL, OF TWO LAVENDER SPECIES (LAVANDULA DENTATA, AND L. PUBESCENS) IN SOUTHWESTERN SAUDI ARABIA, J. APIC. SCI. Vol. 59. 135-144.
31	Yehya Alattal, **Ahmad AlGhamdi**. 2015. Impact of temperature extremes on survival of indigenous and exotic honey bee subspecies, *Apis mellifera*, under desert and semiarid climates. Bulletin of Insectology 68 (2): 219-222.
32	YEHYA ALATTAL, MOHAMMAD JAVED ANSARI, **AHMAD AL-GHAMDI**, and AREF SINGLE. 2015 Surveillance and genotyping of Varroa destructor parasitizing *Apis mellifera jemenitica* in Saudi Arabia. Revista Colombiana de Entomología, 41 (2): 180-184.
33	Almehmadi, R. M, **Al-Ghamdi, A. A**. and Aljedani, D. M. 2015. The Histological Structure of the Pyloric Valve in the Yemeni Honey Bees Queen and Worker (Indigenous) *Apis Mellifera jemenatica* (Hymenoptera: Apidae). Life Science Journal;12(11): 145-153
34	Deepak Sharma; Mohammad Javed Ansari; Sonam Gupta; **Ahmad Al Ghamdi**; Parul Pruthi; Vikas Pruthi. 2015. Structural Characterization and Antimicrobial Activity of a Biosurfactant Obtained From *Bacillus pumilus* DSVP18 Grown on Potato Peels. Jundishapur J Microbiol, 8(9): 1-8.
35	Deepak Sharma, Mohammad Javed Ansari, **Ahmad Al-Ghamdi**, Nuru Adgaba, Khalid Ali Khan, Vikas Pruthi, Noori Al-Waili. 2015. Biosurfactant production by Pseudomonas aeruginosa DSVP20 isolated from petroleum hydrocarbon-contaminated soil and its physicochemical characterization, Environ Sci Pollut Res,22(22): 17636–43
36	Nuru Adgaba, Awraris G. Shenkut, **Ahmed A. Al-Ghamdi**, Amenay Assefa, Brian Taylor, Sarah Radloff. **2015**. Biological control as potential means to protect honey bee colonies from driver ant (*Dorylus quadratus*) attack (*Hymenoptera: Formicidae*) in Tropical Africa. The proceedings of 1st Continental symposium on honey production, bee health and pollination services in Africa, September 6th – 8th 2015, Cairo, Egypt.
37	Gerold Jerz a, Yasser A. Elnakadyb, c., André Brauna, Kristin Jäckela, Florenz Sassec, **Ahmad A. Al Ghamdi**, Mohamed O.M. Omard, Peter Winterhaltera **2014.** Preparative mass-spectrometry profiling of bioactive metabolites in Saudi-Arabian propolis fractionated by high-speed countercurrent chromatography and off-line atmospheric pressure chemical ionization mass-spectrometry injection, Journal of

	Chromatography A, 1347,17-29.
38	Khalid Ali Khan, Mohammed Javed Ansari, **Ahmad Al-Ghamdi**, Deepak Sharma, Hussain Ali. **2014**. Biodiversity and relative abundance of different honeybee species (*Hymenoptera: Apidae*) in Murree-Punjab, Pakistan. Journal of Entomology and Zoology Studies; 2 (4): 324-327.
39	Abedelsalam Anwar Mohamed, **Ahmed Al-Ghamdi**, Mohamed Javed Ansari, Mohamed Omar Mohamed, and Manpreet Kaur (**2014**) Effect of Larval Nutrition on the Development and Mortality of G*alleria mellonella* (Lepidoptera: Pyralidae). Revista Colombiana de Entomología 40 (1): 49-54.
40	Rachid Sammouda, Nuru Adgaba, Ameur Touir, **Ahmed Al-Ghamdi**, (**2014**) Agriculture satellite image segmentation, using modified artificial Hopfield neural network Computer, in Human Behavior, 30: 436–441.
41	Nuru, A., Awraris G. S., **Al-Ghamdi, A. A**., Amenay A., Brian T. Ansari, M.J. (**2014**) *Crematogaster chiarinii* ants as a potential biological control agent for protecting honeybee colonies from attack by *Dorylus quadratus* driver ants in Ethiopia (Hymenoptera: Formicidae). Agricultural and Forest Entomology 16 (3): 302–313.
42	Mohamed OM Omar; Adhm. Moustafa. Moustafa; Bassam. FG. Fahmy, Mohammad Javed Ansari**, Ahmad Al-Ghamdi** (**2014**) Bacteria in the gut of hybrid Carniolan honeybee, *Apis mellifera carnica*, and their antagonistic effect against *Ascosphaera apis*, the causal organism of chalk brood disease. Journal of Apicultural Science 1(58) 17-27**.**
43	Ahmed I.R., Nuru, Adgaba, Nowfal Bayaqoob, **Ahmad A.A.,** Bernd R. T. Simoneit, Aarif H. El-Mubarak, Khalid F. Al-Mutlaq (**2014**) Chemical composition and properties of proplis samples from Ethiopia. Springer Plus. (In Press)
44	**Ahmad A. Al-Ghamdi**, Hossam F. Abou-Shaara, Abdelsalam A. Mohamed (2014).Hatching rates and some characteristics of Yemeni and Carniolan honey bee eggs. Journal of Entomology and Zoology Studies. 2 (1): 06-10.
45	Nuru Adgaba, Awraris G. Shenkute, **Ahmed A. Al-Ghamdi**, Sobhy Ismaiel, Safar Al-kahtani, Yilma Tadess, Workneh Abebe **(2014)** Socio-economic analysis of beekeeping and determinants of box hive technology adoption in the Kingdom of Saudi Arabia. Journal of Animal and plant Science. **24(6) 1876-1884.**
46	Ansari, M. J., **Ahmad Al-Ghamdi**, Salma Usmani, Noori Al-Waili, Deepak Sharma, Adgaba Nuru, Yehya Al-Attal, Abdelsalam Anwar, Mohammed Omer (**2014**) Chemical composition and antimicrobial potential of some essential plant oils on *Paenibacillus larvae*, the causative agent of American foulbrood. Journal of Arthropod Borne Disease.
47	Alsharhi Mohammad, Alattal Yehya, **Al-Ghamdi Ahmed**, Smith. D. (2014) Characterization of the Socotran Honeybee (*Apismellifera*Linneaus, 1758) using Morphometric and Genetic Markers. Apidologiae. (Under Review)
48	Abdu Zulail, Sobhy Ismaiel, Safar Al Kahtani, **Ahmad A. Al-Ghamdi** and Nuru Adgaba, **2014**. Qualitative Factors Affecting the Price and Demand of Honey in Saudi Arabia. Australian Journal of Basic and Applied Sciences, 8 (10), 199-206
49	Yadav, Jhillu S., Md Ataur Rahman, N. Mallikarjuna Reddy, Attaluri R. Prasad, and **Ahmad Al Khazim Al Ghamdi (2014)**. "Stereoselective Total Synthesis of Rhoiptelol B via Prins Cyclization." Synlett EFirst. ChemInform. 25(5): 661-664.
50	Ansari, M. J., **Ahmad Al-Ghamdi**, Salma Usmani, Noori Al-Waili, Deepak Sharma, Adgaba Nuru, Yehya Al-Attal (**2013**) The effect of jujube honey on *Candida albicans* growth and biofilm formation. Archives of Medical Research. Vol. 44 (5): 352-360.
51	Ansari, M. J., **A. Al-Ghamdi**, R.Kumar, S. Usmani, Y. Al-attal, N.Adgaba, A. A. Mohamed, K. Singh and H. S. Dhaliwal (**2013**). Characterization and gene mapping of a chlorophyll-deficient mutant *clm1* of *Triticum monococcum* L." Biologia Plantarum. Vol. 57 (3): 442-448.
52	Ansari, M. J., **A. Al-Ghamdi**, R.Kumar, S. Usmani, Y. Al-attal, N.Adgaba, K. Singh and H. S. Dhaliwal (**2013**). Characterization and gene mapping of a brittle culm mutant of diploid wheat (*Triticum monococcum* L.) with irregular xylem vessels development" in Acta Physiologiae Plantarum. Vol. 35 (8): 2407-2419.

53	Noori Al-Waili, **Ahmad. Al-Ghamedi**, Mohammad Javed Ansari**,** Y. Al- Attal**,** Aarif H. El-mubarak**,** Khelod Salom (**2013**). Differences in Composition of Honey Samples and Their Impact on the Antimicrobial Activities against Drug Multiresistant Bacteria and Pathogenic Fungi. Archives of Medical Research. Vol. 44: 307-316.
54	Noori Al-Waili, Khelod Salom, Ahmad Al-Ghamdi, Mohammad javed Ansari, Ali Al-Waili, Thia Al-Waili **(2013)** Honey and cardiovascular risk factors in normal individuals and in patients with diabetes mellitus or dyslipidemia. Journal of Medicinal Food. 16(12):1063-78
55	**Al-Ghamdi, A**. **A**., Nuru, A., Khanbash., M.S., Smith, D.R. (**2013**) Geographical distribution and population variation of *Apis mellifera jemenitica* (Ruttner). Journal of Apicultural Research. Vol. 52 (3): 124-133.
56	Hossam F. Abou-Shaara, Arif R. Singl. **Ahmad A. Al-Ghamdi (2013). Comparison between cuticular lipids on body parts of two honey bee subspecies.** Environmental and Experimental Biology 11: 185–188.
57	Hossam F. Abou-Shaara, **Ahmad A. Al-Ghamdi** and Abdelsalam A. Mohamed (**2013**). Honey bee colonies performance enhance by newly modified beehives. Journal of Apicultural Science. 57 (2), 45–57.
58	Hossam F. Abou-Shaara, **Ahmad A. Al-Ghamdi** and Abdelsalam A. Mohamed (**2013**). A Suitability Map for Keeping Honey Bees Under Harsh Environmental Conditions Using Geographical Information System. World Applied Sciences Journal 22 (8): 1099-1105.
59	Hossam F. Abou-Shaara, **Ahmad A. Al-Ghamdi** and Abdelsalam A. Mohamed **(2013).** Body morphological characterstics of Honey bees. Agricultura 10: No 1-2: 45-49.
60	Hossam F. Abou-Shaara, **Ahmad A. Al-Ghamdi** and Abdelsalam A. Mohamed **(2013).** Identifying possible regions for using modified beehives in Saudi Arabia using a geographical information system (GIS). Journal of Agricultural Technology. Vol. 9(7):1937-1945.
61	Hossam F. Abou-Shaara, **Ahmad A. Al-Ghamdi** and Abdelsalam A. Mohamed **(2013).** Elemental analysis of eggs for two honey bee races. Iranian Journal of Entomology.3, 14-17.
62	**Al-Ghamdi**, **A**., Nuru, A. (2013). Beekeeping in the Kingdom of Saudi Arabia, Past and Present Practices. Bee World International Bee Research Association Vol. 90 (2) 26-29pp.
63	**Al-Ghamdi, A**., Nuru, A. (2013). Beekeeping in Kingdoms of Saudi Arabia: opportunities and challenges. Bee World International Bee Research Association Vol. 90 (3) pp. 54-57.
64	Nuru, Adgaba, **A.A. Al-Ghamdi**, M. Hailu, A.G. Shenkute, M.J. Ansari, R.H. Hepburn, S.E. Radloff **(2013).** Queen excluders enhance honey production of tropical honeybees by limiting brood-rearing during peak nectar flows. Journal of Apicultural Research. (In Press) Vol 52(5). 184-189.
65	Yehya Al Attal, Mohamad Al-Sharhi, **Ahmad Al-Ghamdi**, Sulaiman Alfaify, Hussien Migdadi, Mohammad Ansari (2013). Characterization of the native honeybee subspecies in Saudi Arabia using the *mtD*NA COI–COII intergenic region and morphometric characteristics. Bulletin of insectology, 67 (1): 31-37..
66	Nuru, A., **AL-Ghamdi**, **A**., Shenkute, A., Sammodud, R., Hegazy, S., Ansari M.J., Touir, A., (2013). Age structure, regeneration-gap of *Ziziphus spina-christi* populations and implications for its conservation. Journal of Food, Agriculture & Environment, Vol 11 (3 & 4). 2220-2226.
67	Noori S. Al-Waili, Faiza S. Al-Waili, Mohammed Akmal, Amjed Ali, Khelod Y. Salom, **Ahmad A. Al Ghamdi** (2012) Effects of natural honey on polymicrobial culture of various human pathogens. Archives of Medical Science. 2014 May 12;10 (2): 246-250.
68	Noori Al-Waili, Ahmad. Al-Ghamdi**,** Mohammad Javed Ansari**,** Y. Al- Attal**,** Khelod Salom, (2012): Synergistic Effects of Honey and Propolis toward Drug Multi-Resistant *Staphylococcus aureus, Escherichia coli* and *Candida albicans* Isolates in Single and Polymicrobial Cultures, International Journal of medical sciences: 9 (9): 793-800.
69	Noori Al-Waili, Khelod Salom, A. Al-Ghamdi, Mohammad Javed Ansari (2012): Antibiotic, pesticide and microbial contaminates of honey; human health hazards. Scientific world journal, doi:10.1100/2012/930849.
70	Ramadan M.F., **A. Al-Ghamdi** (2012) Bioactive compounds and health-promoting properties of royal jelly: A review. Journal of Functional Foods. 4: 39–52.
71	Adgaba N, Al-Ghamdi A A, Chernet MH, Ali YA, Ansari MJ, Radloff SE, Howard RH (2012) "An experiment on comb orientation of honeybee (Hymenoptera: Apidae) in traditional hives. Journal of Economic Entomology; 105 (3): 777-82.

72	**Al-Ghamdi Ahmed**, Alsharhi Mohammad, Alattal Yehya and Nuru Adgaba (2012) Morphometric diversity of indigenous Honeybees, Apis mellifera (Linnaeus, 1758), in Saudi Arabia. (Insecta: Apidae). Journal of Zoology in Middle East Vol. 57 PP 97-104
73	Adgaba Nuru, Awad M. Awad , **Ahmad A. Al-Ghamdi**, Abdulaziz S. Alqarni, Sarah E. Radloff (2012). Nectar of *Ziziphus spina-christi* (L.) WILLD (Rhamnaceae): dynamics of secretion and potentials for honey production. Journal of Apicultural Science**,** 56 (2): 49-59.
74	Hossam F. Abou-Shaara, **Ahmad A. Al-Ghamdi**, Abdelsalam A. Mohamed (2012) Tolerance of two honey bee races to various temperature and relative humidity gradients. Environmental and Experimental Biology. Vol. 10: 133–138.
75	Abou-Shaara HF, **Al-Ghamdi A A**. (2012). Studies on wings symmetry and honey bee races discrimination by using standard and geometric morphometrics. Biotechnology in Animal Husbandry, 28 (3): 575-584.
76	**Ahmad A. Al-Ghamdi**, Abeer M. Al-Khaibari, Mohamed O.M. Omar (2011) Effect of honeybee race and worker age on development and histological structure of hypopharyngeal glands of honeybee. Saudi Journal of Biological Sciences. 18 (2) 73-77.
77	Noori S. Al-Waili, Khelod Salom and **Ahmad A. Al-Ghamdi** (2011) Honey for Wound Healing, Ulcers, and Burns; Data Supporting Its Use in Clinical Practice. The Scientific World Journal. 11, 766–787.
78	**Ahmad A. Al-Ghamdi**, Abeer M. Al-Khaibari, Mohamed O.M. Omar (2011) Consumption rate of some proteinic diets affecting hypopharyngeal glands development in honeybee workers. Saudi Journal of Biological Sciences. 18 (1) 113-116.
79	Almehmadi, R. M., **A. A. AlGhamdi**, Siriwat Wongsiri, Chanpen Chanchao, and D. M. Aljedani (2011) Histological studies on ovary differentiation in Yemini queen honeybees, *Apis mellifera jemenitica* (Hymenoptera: Apidae), during post-embryonic development. Pan-Pacific Entomologist. Vol. 87(3):177-187.
80	Noori S. Al-Waili, Khelod Salom, Glenn Butler, **Ahmad A. Al Ghamdi** (2011) Honey and Microbial Infections: A Review Supporting the Use of Honey for Microbial Control. Journal of Medicinal Food. 14 (10): 1079-1096.
81	Almehmadi, Roqaiah Mohammad, **Alghamdi, Ahmad** Abduallah, Aljedani, Dalal Musleh (2010) Comparative study on histological structure of larval midgut in queen and workers of native honey bee race (*Apis mellifera jementica*, Hymenoptera :Apidae. Saudi Journal of Biological sciences. Vol. 17: (5).
82	**Al-Ghamdi Ahmad**, Abduallah, Almehmadi, Roqaiah Mohammad, Aljedani, Dalal Musleh (2010) Histology of ileum in Larval and Pupal Stages of the Queen and Worker Of *Apis mellifera jemenatica* (Hymenoptera: Apidae). Saudi Journal of Biological sciences. Vol. 17: (5).
83	**Al Ghamdi, A.** (2007). Evaluation of Various Honeybee Foraging Activities for the Identification of Potential Bee Plants in Riyadh, Saudi Arabia. Annals of Agricultural Science (Cairo), 52: 487-499.
84	Alaa Kamel and **Ahmad Al-Ghamdi** (2006) Determination of Acaricide Residues in Saudi Arabian Honey and Beeswax Using Solid Phase Extraction and Gas Chromatography. Journal of Environmental Science and Health Part B, 41:159–165,
85	**Al Ghamdi, A.** (2006). Morphometrical and histological studies on some bee glands in genus Apis in Saudi Arabia (KSA). Bulletin of the Entomological Society of Egypt, 83, (13-25).
86	**Al Ghamdi, A.** (2006). Scanning electron microscopic studies on antennal sensilla organs of adult honey bee workers in genus apis (Hymenoptera: Apidae. Bulletin of the Entomological Society of Egypt, 83, (1-11).
87	**Ahmad Al-Ghamdi** (2005). Comparative studies between subspecies of *Apis melliferra* for egg hatching and sealed brood Percentage, Brood nest temperature and Relative Humidity. Pakistan journal of Biological Sciences. 8(4) 626-630.
88	**Ahmad Al-Ghamdi** (2005). Settlement and performance evaluation of *Apis meliferra yemenitica* in Relation to Beeswax Foundation use in Modern Hives. Pakistan journal of Biological Sciences.
89	**Al Ghamdi**, **A**. (2005). Hymenopterous and dipterous pollinator's diversity on various flowernig plants in Riyadh, Saudi Arabia. Assiut Journal of Agricultural science, vol 36 No1.
90	**Al Ghamdi, A.** (2004). Diseases and pests associated with honeybee colonies in Saudi Arabia**.** Minia Journal of Agriculture Research and Development. Volume 24 (2) ,pp191-210**.**
91	**Al Ghamdi, A.;** Hoopingarner, A. (2004). Modeling of honeybee and mite population dynamics. Saudi j.

	Biol. Sci., Vol. 11, No. 1. 21-36
92	**Al Ghamdi, A.;** Hoopingarner, A. (2004). Development of Mite, *Varroa jacobsoni* Oud. in the Honeybee, *Apis mellifera* L. in Michigan, USA, and a comparison of diagnostic methods for detection of the mites. Arab Gulf Journal of Scientific Research, Bahrain. 22 (1), pp 1-8.
93	**Ahmad Al Ghamdi** and Roger Hoopingarner (2003). Reproductive Biology of *Varroa jacobsoni* Oud. in Worker and Drone Brood of the Honey Bee *Apis mellifera* L. under Michigan Conditions. Pakistan journal of Biological Sciences. 6 (8): 756-761.
94	**Al Ghamdi, A.** (2002). Evaluation of the relative efficacy of different acaricides a giants *Varroa jacobsoni* Jacobson in *Apis mellifera carnica* Pollman. Pakistan Journal of Arid Agriculture. 5**.**
95	**Al-Ghamdi A.** (2002) The Effect of Pollen Supplementary Feeding on Some Activities of Honeybee Colonies During Summer Season in Riyadh, Saudi Arabia. Saudi Journal of Biological Sciences 9(2): 85-94.
96	**Al Ghamdi, A.** (2002). Development of the mite (*Varroa jacobsoni*) In 2-honeybee races *Apis mellifera jemenitica* (Indigenous) and *Apis mellifera carnica* (Imported) in Riyadh, Saudi Arabia. University of Aden Journal of Natural and Applied Science. 7 (1).
97	**Al Ghamdi, A.** (2002). Evaluation of the Grooming behavior of *Apis mellifera jemenitica*, and *Apis mellifera carnica* against *Varroa jacobsoni.* Annals of Agric. Sc., Moshtohor. 40(1): 629-634.
98	**Al Ghamdi, A.** (2002). Evaluation of the hygienic behavior in two honeybee races-*Apis mellifera jemenitica, Apis mellifera carnica* and their hybrid against *Varroa jacobsoni*. Annals of Agric. Sc**.,** Moshtohor**.** 40(1): 635-639.
99	**Al Ghamdi** (2002). Determination of relative efficacy of Apiguard and Aplife Var *against Varro jacobsoni* in *Apis mellifera carnica*. Annals of Agric. Sc**.,** Moshtohor**.** 40(1): 641-648.
100	**Al Ghamdi, A.;** Hoopingarner, A. (2002). Study of different resistant traits of honeybees against Varroa mites using model simulation. Pakistan Entomologist**,** 24 (2).
101	**Al Ghamdi, A.;** Hoopingarner, A. (2002) Using Model Simulations to predict the population responses in honeybees and mites by introducing Biological and Chemical control and reinvasion into the system. Journal for Scientific Research*,* Sultanate of Oman.
102	**Al Ghamdi, A.;** Hoopingarner, A. (1996). Fecundity and fertility of the mite *Varroa jacobsoni.* Preliminary report, American Bee Journal*.*
103	**Al Ghamdi, A.;** Hoopingarner, R. (1995). Development of early infestation by the mite *Varroa jacobsoni* in honeybee *Apis mellifera* in Michigan. Preliminary report**,** American Bee Journal*.* 135 (12) 825.
104	**Al Ghamdi, A.;** Hoopingarner, R. (1995). Model of the mite *Varroa jacobsoni* and honey bees *Apis mellifera*. Preliminary report**.** American Bee Journal*.* 135: (12).