

CURRICULUM VITAE

Name: - Dr. Hassan Talib Mohammed Darwish Al-Lawati
Date of birth: - 9 / 8 / 1971
Place of birth: - Qatar, Doha
Marital state: - Married (3 children)
Nationality: - Omani
Languages: - Arabic, English and Deutsch (Germany)
Address: - Oman - Muscat P. O. Box: 2446, Post Code 112 Ruwi
E-mail: - hassan_98_2000@yahoo.com
Mobil, Fax:- 00968-99317006.



Website :

Countries visited for study/work/conference for bees: Arabic countries (10): Qatar, U.A.E, Bahrain, Kuwait, S.A.K, Iraq, Egypt, Syria, Lebanon and Morocco.

EU and others countries (11): Germany, Portugal, UK, Romania, Austria, Russia, Italy, Sri Lanka, Iran, Turkey, and Bosnia

QUALIFICATION: -

- 1) Health Assistance from Al Hussain Training Center 600 hours 2016-2017 (Muscat, Oman)
- 2) Degree of Post Doctorate in Bee Pollen Analysis. Centre of Pharmaceutical Studies, Faculty of Pharmacy, University of Coimbra, Portugal (Oct 2010 - Jan. 2011).
- 2) Ph.D. in Bee Science Länderinstitut für Bienenkunde Hohen Neuendorf Humboldt University Berlin (April 2004 - Dec. 2008)
- 3) Degree of Master of Science - College of Agriculture in Crop Protection - Sultan Qaboos University (1997-2000), GPA (3.74/4.00 = excellent)
- 4) Degree of Bachelor of Science - College of Agriculture in Plant Science - Sultan Qaboos University (1990-94), GPA (3.49/4.00 = very good).

EXPERIENCES: -

- 1) Senior Quality Specialist (2020 up-to-date).
- 2) Pharmacognocny Lecturer at National University "Oman Medical Collage" (2018 and 2019)
- 3) Head of Bee Products Healing Center (2009 - 2019)
- 4) Head of Bee Science Research Laboratory at PPRC (2002 - 2009)
- 5) Assistant Head of Bee Science Research Laboratory at PPRC (2000 – 2001)

6) Researcher for 5 years in Plant Protection Research Center (PPRC), Department of Research Laboratory of Honeybee (1995-2000). Ministry of Agriculture and Fisheries (MAF)

MEMBER SHIPS: -

4) Member ship in German Apitherapy Society from 2008 up to day

5) Members of the International Honey Commission: world network of bee product Science from 2010)

5) Members of the Bee Pollen Commission: world network of bee product Science from 2012)

PROFESSIONAL CONTRIBUTIONS, COURSES ATTENDED & PUBLICATION:

A) Contributions: -

In Oman and Arab countries

1) Organizing honeybee rearing courses, training 120 students, writing a manual for training. (July – September 1995).

2) “Tree Day” exhibition held in Al-Sharqiah Region Wilayate Al-Kamil and Al-Wafi (31/10/1995).

3) An official tour with Dr. Nicola Bradbear, from FAO, to different Wilayats to guide and inform about beekeeping in the Sultanate of Oman (23/6 – 3/7 1996).

4) “Tree Day” exhibition held in Al-Sharqiah Region Wilayate Nizwa (Jemah) (31/10/1996).

5) “Two Months” agricultural exhibition in Al-Batinah Region, Wilayate Saham (September 2000).

6) Writing newscast “Mirror of Agriculture Researches and Extension” (monthly issued: December 2000 to 2003)

7) Training a group of Sultan Qaboos University students’ every year as a part of there course (Beekeeping).

8) Attending “The Workshop of the Ecological Indicators held on Sultan Qaboos University 16 - 17/10/2001.

9) Contributing in the “Farmer’s Day” exhibition held at Sultan Qaboos University 2/2/2003.

- 10) Attending “The International Conference of Safety Food”, Sultanate of Oman from 24 – 26/3/2003.
- 11) Contributing in the conference in Abha (Saudi Arabia) on 17 – 19 March 2009 “6th International Arabic Apicultural Conferance “ with Parental age effect on embryo mortality and embryo development of offspring in the honeybee.
- 12) The Session deputy chairman in the “6th International Arabic Apicultural Conferance “.
- 13) Contributing in the workshop and training course in Riyadh (Saudi Arabia) King Saud University, Faculty of Medicine on 24 – 27 April 2011 “Medical and Therapeutic Uses of Bee Products “
- 14) “Tree Day” exhibition held in Barka (31/10/2011).
- 15) Contributing in the conference in Fes (Morroco) on 18 – 20 April 2012 “The First International Conferance on Api-Phytotherapy " Health Benefits of Bee Products and Medicinal Bee Plants".
- 16) Organizing Omani Honey Market exhibition in every year since 2014 today (11 Exhibitions)
- 17) Contributing in the conference in Najaf (Iraq) on 9-14/10/ 2015 “Use of Bee Sting and bee venom as medical products for Sinus infection"
- 17) Contributing in the conference in Damascus (Syria) on 27-30/12/ 2016 “Use of Bee Sting and bee venom as medical products for Migraine"
- 18) Contributing in the conference in Najaf (Iraq) on 19-24/8/ 2017 “International Expert Forum"
- 19) Contributing in the International Arab Apicultural Conferences, Yearly... Egypt, Iraq, Syria, Lebanon.....etc.
- 20) Contributing Omani honey show since 2014 (16 honey shows)

In Germany

Seminars in Länderinstitut für Bienenkunde, Hohen Neuendorf.

- 1) 2nd May 2005 “Literature Review of Spermathecal Storage Ability Theories”.
 - 2) 5th December 2005 “Enzyme Analysis in the Queen Spermatheca”.
 - 3) 27 Nov. 2006 “Sperm Movement and Queen Age”.
 - 4) 09 April 2008 “Final Result”
- * Contributing in “the Day of open door “Tage der offen Tür” 2004/05/06 and 2007
- * Short seminar to Bachelor Students about my project 2005, 2006 and 2007.

Humboldt University Seminars

Attending and contributing “Doktorandenseminar” at the Faculty of Agriculture and Horticulture College – Humboldt University.

- 1) 8 July 2005 “The Impact of the Age of Semen on Embryo Quality and Early Embryonic Mortality (EEM) in the Honey Bee”
- 2) 16 December 2006 “Queen age, sperm movement, EEM and Enzyme activities”
- 3) 2nd Feb 2007 “The Effects of Queen Age on the Enzyme Activity of Semen in the Spermatheca”.

Mainz University “Institut für Zoologie”

- 1) Laboratory analysis, August 2005 (one month)
- 3) Laboratory analysis on 14 - 20 August 2006 (one week)
- 4) Laboratory analysis from 22.10.2006 to 21.11.2006 (one month)

All the work was about queen spermatheca and drone sperm in the following fields:

“Computer Assisted Sperm Analysis (CASA)”

“Sperm Counting Chamber (SCC)”

“Enzyme Analysis Technique (EAT) for sperm”

“Comparing enzymes between mated and virgin queen”

Conferences

- 1) Attending a conference 52 in Halle/Saale on 14 – 16 March 2005 “First Joint Conference of “Arbeitsgemeinschaft der Institute für Bienenforschung“.
- 2) Attended a conference 53 in Stuttgart on 28 – 30 February 2006 “First Joint Conference of “Arbeitsgemeinschaft der Institute für Bienenforschung“. And making poster (in German) about „Eigenschaften von Spermien in den Spermatheken alter und junger Bienenköniginnen“ The summery published in 2006 Apidologie 37:588–648.
- 3) Attending a conference 54 in Würzburg „Veitshöchheim“ on 27 – 29 March 2007 “First Joint Conference of “Arbeitsgemeinschaft der Institute für Bienenforschung“. And making poster (in German) about „Energistoffwechsel des Spermias von Drohnen von Königinnen und Arbeitsbienen. Gibt es Unterschiede
- 5) Attending a conference 55 in Libenwald – Berlin, vom 11- 13 März 2008 “First Joint Conference of “Arbeitsgemeinschaft der Institute für Bienenforschung“. And making poster (in German) about „Mortalität und Wachstum von Entwicklungsstadien der Honigbiene in Abhängigkeit vom Alter der Mutter.“

- 6) Attending National Honey Show (The London Beekeeping Association) from 25-30 Oct. 2011
- 7) Participating in the First International Conference , Pharmacy Education in the Era of Globalization as **Bee Products Pharmacological Properties, Effects and Actions** 25 January 2012
- 8) Attending Apitherapy conference in Germany (Passau) on 19 – 24 April 2012.

Courses attended in

Oman, Germany, Portugal, UK, Romania, Russia and Italy : -

- 1) Practical training program on Artificial Insemination of Bees' Queen at Research Center in Rumais (6 – 24/4/1996)
- 2) Practical training program on Pollen Analysis in Honeybee at Sultan Qaboos University for One month (Jan 1997).
- 3) Practical training program on Honey Analysis at Directorate General for Specifications and Measurements (Ministry of Commerce and Industry) for one month (May 1997).
- 4) German Language Course from 12 January – 6 April 2003. (in Oman).
- 5) German Language Course from 14 September – 7 December 2003 (in Oman).
- 6) German Language Course from 21 February – 4 April 2010 (in Oman).
- 7) German Language Course from 4 January – 27 February 2011 (in Oman).
- 8) German Language Course from 5 March – 27 April 2011 (in Oman).
- 9) German Language Course from 5 Sept – 18 Oct 2011 (in Oman).
- 10) German Language Course from 24 Oct – 21 Dec 2011 (in Oman).
- 11) German Language Course from 15 Jan – 21 Feb 2012 (in Oman).
- 12) German Language Course last certificate of B2 level (in Oman).
- 13) German Language Course from 15 April – 31 May in DID institute (in Germany).
- 14) Artificial insemination course June 2004 in the LIB institute (in Germany).
- 15) Artificial insemination course June 2005 in the LIB institute (in Germany).
- 16) Honey analysis in LIB institute (in Germany).
- 17) Seminar in Apitherapy in Neuruppin 2 and 3 Feb. 2008 (in Germany).
- 18) Apitherapy course (Apipicture "Bee) 24-30/12/2010 (in Portugal).
- 19) Work shop in U.K 26/10/2011 27 in Honey judgment and quality and Honey bee.
- 20) Work shop in U.K 27/10/2011 27 in Honey bee Dissection.
- 21) Work shop in U.K 28/10/2011 27 in Honey bee Disease.

- 22) Work shop on "Pharmacovigilance" in Oman 24/1/2012
- 23) Work shop on "Developing A Strategy to Better Utilize Pharmacy Skills in the Delivery of Safe medication Practice" 23/Feb/2012
- 24) Work shop training (intensive) program on Apitherapy (Germany, May 2012).
- 25) Training in Alternative Medicine Hospital in Russia for 2 weeks (Russia 2014)
- 26) Intensive program on Apitherapy (healing with bee products for 12 days (Romania , May 2015).
- 27) Introduction course to the Sensory Analysis of Honey (Bologna, Italy,13-16 Nov. 2018).
- 28) Intensive course to the Sensory Analysis of Honey (Bologna, Italy,13-16 Nov. 2019).

C) Publications:

1) Scientific Papers:

- 1) H.T. Al Lawati, K.M. Azam, and M.L. Deadman 2002. Insecticidal and repellent properties of subtropical plant extracts against the pulse beetle, *Callosobruchus chinensis*, in Oman. Journal for Scientific Research Agriculture Science 7(1):37
- 2) H.T. Al Lawati, K.M. Azam, and M.L. Deadman 2002. The potential of members of the Omani flora as a source of natural products for the control of pulse beetle, *Callosobruchus chinensis*. Journal for Scientific Research Agriculture Science 7(1):59
- 3) H. Al-Lawati, G. Kamp, K. Bienefeld 2006. Characteristics of sperms in the spermatheca of old and young queen bees Association of Institutes for Bee Research Report of the 53rd seminar in Hohenheim 28–30 March 2006 Apidologie 37:588–648. Abstracts, p. 621.
- 4) Al-Lawati H., Kamp G., Bienefeld K. Characteristics of the spermathecal content of old and young honey bee queen. Journal of Insect Physiology 55 (2009) 116–121
- 5) Al-Lawati H. Bienefeld K. Maternal age effects on embryo mortality and juvenile development of offspring in honey bee *Apis mellifera* in Annals of the Entomological Society of America 102(5):881-888. 2009
- 6) Al-Lawati H. and Bienefeld K. Impact of semen age on early embryonic mortality and embryo quality in the honey bee *Apis mellifera* in Biology of Reproduction (Ph.D Thesis).

- 7) Al Lawati H, Wegener J, KampG, Bienefeld K Characteristics of the sperm of honey bee (*Apis mellifera*) drones from queenright and queenless colonies (ready for publication) .
- 8) CAMPOS M.G, Lopes J., Molnarova E., Barreto L., Al-Lawati H. The Future of the Pollen World. Congresso Ibérico de Apicultura 2011.
- 9) Fingerprint of Omani Flora Pollen: Composition and Standardization of Analytical method. AL-Lawati Hassan , Maria Campos (2010). (Lecture Note)
- 10) Omani propolis: chemical profiling, antibacterial activity and new propolis plant sources AL-Lawati Hassan, Vassya Bankova 2013.
- 11) Antioxidant Properties of Honey Bee Products against Azoxymethane – induced Oxidative Stress in Rat Colon (Master thesis)
- 12) Studies on Parasite flies on Honey Bee (*Apis mellifera* L.) (Master thesis)
- 13) a chapter in a book "Bioactive Components, Diet and Medical Treatment in Cancer Prevention, Antioxidant and Health Properties of Beehive Products Against Oxidative Stress-Mediated Carcinogenesis. Springer

Consulting Collage researches and Academic Thesis

Contribution and consulting many collages researched and academic Mater and Ph.D. Thesis from 2014 - up-to-date).

2) Interviews in Local Journals and News paper (from Google)

A) Apitherapy gains popularity in the Sultanate

<http://2015.omanobserver.om/apitherapy-gains-popularity-in-the-sultanate/>

B) Made In Oman: Bee Clinic,

<https://timesofoman.com/article/86417>

C) Oman's honey bees studied by German beekeepers

<https://timesofoman.com/article/101606>

D) Bee Therapy and Medicinal Honey in Muscat

<https://timesofoman.com/article/76379>

3) Books:

1- With the cooperation of Ministry of Agriculture and Fisheries Illustrated Honeybee Rearing 1996
 - تربية نحل العسل 1996

Honeybee Rearing 2012

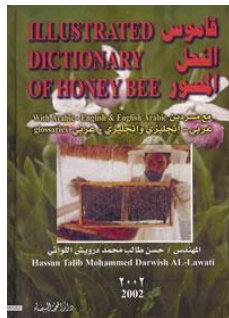
- تربية نحل العسل 2012

Beekeeper Calendar 2012

- تقويم النحال 2012

Honeybee Rearing 2019

- تربية نحل العسل 2019



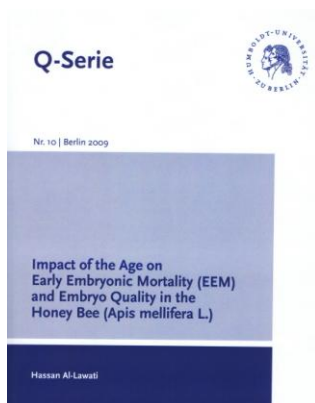
2- Illustrated Dictionary of Honey Bee, (English –Arabic/Arabic – English). Dar Almahajja Albayda – Lebanon 2002

3- Bee venom Therapy (Api-puncture)

كتاب أسرار سم النحل وفوائده

قاموس النحل المصور

رسالة الدكتوراه من جامعة همبولد (برلين)



Ph.D. Thesis: Impact of the Age on Early Embryonic Mortality (EMM) and Embryo Quality in the Honey Bee (Apis mellifera L.)

