CURRICULUM VITAE

**MARWAN MOHAMED KESHLAF**

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**EXPERIENCE AND SKILL SUMMARY**

Extensive experience in scientific laboratory and filed research work, analysis, pesticide bio-assay investigation, microbiology, conducting studies on honeybee pollination efficacy, honey production, development of colonies, collecting and test data, writing and publishing scientific papers, writing reports in Arabic and English, Management and administration, purchasing, supply and distribution, recruitment and training.

**QUALIFICATIONS:**

* **Bachelor of Science 1995**

Tripoli University, Libya – Department of Plant Protection, Faculty of Agriculture

**Subjects**: General agricultural studies and specialized studies in plant protection.

* **Master of Science 2002**

Tripoli University, Libya – Department of Plant Protection, Faculty of Agriculture

**Thesis**: Efficacy of Thyme *Thymus capitatus* L. as a Melliferous Plant.

* **Diploma of English Language for Academic Purposes 2004**

Sydney West International College (SWIC), Sydney, Australia.

* **Doctor of Philosophy 2009**

University of Western Sydney (UWS), Sydney, Australia – Center for Plant and Food Science, College of Health and Science.

**Dissertation**: An Assessment of Honeybee Foraging Behavior and Pollination Efficacy in Australian Bt Cotton.

**EXPERIENCE**

- **Lecturer** – University of Tripoli , Tripoli, Libya **2009-present**

- Teaching courses (Apiculture , General Entomology, Insect Physioology)

- Coordinator of the study and exams (undergraduate students of Plant protection dep.)

- Supervisor of graduate projects (especial problem in entomology area, mainly with bees)

- **Research Assistant** – University of Western Sydney, Australia. **2008 – 09**

Skill utilized: high level of accuracy in obtaining consistent results. Intensive efficacy assessment of honey production, bee flight activity and pollen gathering activity. Determine the infestation by small hive beetle. Using image analyzing techniques to determine areas measured. Carrying out several field experiments.

- **Laboratory Assistant** – University of Western Sydney. Australia. **2007**

Skill utilized: rearing different insects species in captivity under laboratory condition.

- **Demonstration** activity during practical class, University of Western Sydney. **2006**

- **Post Graduate Student** – University of Western Sydney. Australia. **2004-08**

Successfully obtained Ph.D. degree, developed high levels of training in scientific research work, investigating the role of honeybee and pollen beetles in cotton pollination under Australian conditions, assess the toxicity of pesticides on honeybees, exploring the possibility of improving bee pollination efficacy using QMP as attractant.

- **Lecturer** –University of Tripoli , Tripoli, Libya **2002-03**

Skill utilized: teaching Entomology and Apicultural courses. Collaborating with other universities and research institutes. Academic supervising of under graduate student. Utilizing high level in computer literacy including Word, Excel, PowerPoint, and Image Analysis.

- **Lecturer** –Institute of Agricultural Technology of Ghiran, Tripoli **2001-03**

- **Owner/manager of commercial apiary –** Tripoli, Libya **1999 - present**

Skill utilized: management of honeybee colonies including honey production, rearing queens, controlling bee diseases, management functions relating to operation of retail outlet, customer service, purchasing, recruitment, supervision and training staff.

**LANGUAGES AND COMPUTER SKILLS**

Good in spoken and writing English and Arabic. Well developed computer skills and other electronic communication equipment.

**PERSONAL QUALITIES**

Excellent communication skill, very good interpersonal skills, able to work independently or in a team environment and highly motivated.

**PARTICIPATION IN CONFERENCES AND OTHER ACTIVITIES:**

**(1) Keshlaf M, Spooner-Hart R, Mensah R**. Honeybee foraging activity and pollination efficacy in Australian Bt cotton. **In: *Proceedings of the XXIIII International Congress of Entomology*, Deagu, South Korea, 19-25 Aug, 2012.**

**(2) Keshlaf M, Spooner-Hart R, Mensah R**. Role of pollen beetles on cotton pollination, and their effect on the foraging behaviour of honeybees. **In: *Proceedings of the XXIII International Congress of Entomology*, Durban, South Africa 6-12 July, 2008.**

**(3) Keshlaf M, Spooner-Hart R, Mensah R**. Optimizing cotton pollination period by using high stocking rate of honeybee colonies. **In: *Proceedings of the XXIII International Congress of Entomology*, Durban, South Africa 6-12 July, 2008.**

**(4)** Assessment of toxicity of fipronil and its residues to honeybee workers. **Presentation**: **In 16th Annual Crop Pollination Conference,** 18/07/2008, Dubbo, NWS, Australia.

**(5)** Effects of restricting pollen entry, and feeding pollen supplements to honeybee colonies used for cotton pollination*.* **Presentation**: **In 95th Annual Conference of New South Wales Apiarist’s**, Nelson Bay, NSW. Australia, 13-14/05/2008.

**(6)** Effect of synthetic queen mandibular pheromone sprays on pollination of cotton by honeybees. **Presentation**: **In 15th Annual Crop Pollination Conference,** 12/8/2007, Maryborough, Victoria, Australia.

**(7)** Evaluation of honeybee activity, pollination effectiveness and influence on yield parameters in Bt cotton under Australian conditions. **Presentation**: **In Australian Cotton Research Institute (ACRI), Narrabri. New South Wales. Australia**, 11/04/2006.

**Membership**

- **Member of Honeybee Colony Loss organization (COLOSS) 2009 - present**

**Awards**

- **Scholarship** offered by Libyan Ministry of Education for PhD studies

- **Supervisor of the best project** in 2011, Institute of Agricultural Technology of

Ghiran, Tripoli, Libya.

**Social Activates**

- Organizing and Demonstrate of the 1st Beekeeping Training Course for Beginners, 14-26 March 2012. Libyan Ministry of Agriculture, Tripoli, Libya.

- Honour visitor of workshop (Beekeeping Problems in Libya) **1st May 2012**

- Entomologist of a scientific team working on Wilt and death of Pine trees syndrome in Libyan Forest, sponsored by Libyan Ministry of Agriculture, Libya **June 2012 to present**

- “Cotton pollination by honeybees”. **In: Radio interview with ABC Western Plains channel** (available at http://abc.net.au/westernplains/s1112269.htm). 08/08/2007.