

Curriculum Vitae



Name: Nawal Abdussalam Mahfoud
Nationality: Libyan
Place and date of birth: Tripoli, Libya, 1972
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Education:

- **BSc, 1994**, Zoology Dept., Faculty of Science, Tripoli University, Libya.
- **MSc, 2004**, Zoology Dept. Faculty of Science, Tripoli University, Libya.

Master's thesis title:

**Food Preferences of Confused Flour Beetle *Tribolium confusum* duVal
(Coleoptera:Tenebrionidae).**

-Teacher assistant, **1997-2006**, Zoology Dept. Faculty of Science, Tripoli University, Libya, teaching lab courses in General Zoology, General Entomology, and Insect Taxonomy.

- Staff faculty member, **2006-2026**, Zoology Dept. Faculty of Science, Tripoli
- One of the founding Staff faculty member of the Entomology Program since its establishment in **2007 -2026** in the Department of Zoology, College of Science, University of Tripoli.

**Zoology Dept. Faculty of Science, Tripoli University
teaching:**

- General Entomology
- Insect Physiology.
- Medical Entomology.
- Applied Entomology.
- Biological control
- Immature insects
- Insect Taxonomy.
- Insect Ecology
- General Zoology
- Independent studies.
- Supervising graduation projects for bachelor's degree students.
- Academic supervision of students. -

Scientific Promotions:

- **Granted a Lecturer degree in Entomology, 2018**, Zoology Dept. Faculty of Science, Tripoli University, Libya.
- **Granted assistant professor degree in Entomology, 2022**, Zoology Dept. Faculty of Science, Tripoli University, Libya.

Societies membership;

- Head of Libyan **MEPCA – Women**.
- The Libyan Society of Biotechnology.
- The Libyan Society of Biology.
- The Libyan Organization of Environment and Sustainable Development.
- The Middle East Pest control Association **MEPCA**.

Main interests and activities:

- Use of Essential oils in Stored Insect Pest Control.
- Insect Plant interaction.
- Insect pollinators.
- Insect rearing.
- Biological control .Entomopathogenic fungi
- Population dynamics of fruit flies.

- Biodiversity of leaf litter Insects Effects of climate change on the distribution and spread of fruit flies and mosquitoes in Libya.
- The impact of climate change on the biodiversity of insects specifically in Libya.
 - Effects of climate change on the distribution and spread of fruit flies and mosquitoes in Libya.
 - Attended a number of local conferences.

- **Attended workshop's, training courses, scientific, cultural and awareness seminars that serve community issues and current issues:-**
 - plant protection.
 - Use of Essential oils in Stored Insect Pest Control.
 - Biodiversity of Insects
 - Effects of climate change on the distribution and spread of fruit flies.
 - Effects of climate change on the distribution and spread of mosquitoes in Libya.
 - Integrated Pest Management.
 - Corona pandemic prevention and treatment.
 - Bed bug control.
 - The spread of lice among school children and ways to combat it.
 - Use of Essential oils in Stored Insect Pest Control
 - The importance of forensic insects.
 - Using artificial intelligence applications to develop the skills of faculty members.
 - For a societal culture that rejects electronic blackmail.
 - Distribution and spread of *Bactrocera oleas* in Libya.
 - Scientific day for vaccines, serums and genetic diseases.
 - A workshop on quality and performance evaluation to obtain program accreditation Faculty of Science, University of Tripoli.

- Specialized Training Course in Quality Survey Analysis, Performance Evaluation, and Statistical Reporting of Results Using SPSS Software.

Certificates of thanks and appreciation obtained:

- Certificate of Appreciation for participation and attendance in the specialized training course on Quality Survey Analysis, Performance Evaluation, and Statistical Reporting of Results using SPSS Software, organized by the Research and Consultation Department of the Faculty of Science in coordination with the University Research and Consultation Center, during the period from **(21/12/2025 to 6/1/2026)**.

- Certificate of Appreciation presented by the Graduate Studies and Training Office at the College of Science for participation in scientific activities, including scientific lectures and workshops, during the Fall Semester of the academic year 2025–2026. **(Date. 25/11/2025)**.

- Certificate of Participation was awarded for active contribution to the success of the **9th Libyan International Conference on Medical, Applied, and Human Sciences**, held under the supervision of the University of Tripoli Al-Ahliyya, on **(Date 12/ 7/2025)**.

-Certificate of Appreciation for Contribution to Organizing and Supervising a Specialized Training Course in Quality Survey Analysis, Performance Evaluation, and Statistical Reporting Using Software Programs Word, Excel, Spss. **(Date. 20/4/2025)**.

- Certificate of Appreciation and Gratitude presented by the Leadership Committee of the First Daisies Unit of Hay Al-Andalus Scout Group, in recognition of the efforts exerted in ensuring the success of the event held at the University of Tripoli, under the slogan: “Opening Horizons for the Daisy’s Scientific Future.” **(Date 8/6/2025)**.

-Certificates of honor for the effective contribution to obtaining programmatic accreditation Faculty of Science, University of Tripoli **(Date:19/12/2024)**.

-Certificates of thanks and appreciation presented by Academy of the global of concept of mental arithmetic for the Max Capital championship, Tripoli, (**Date: 08/08 /2024)**.

- Certificate of Participation was awarded for active contribution to the success of the **8th Libyan International Conference on Medical, Applied, and Human Sciences**, held under the supervision of the University of Tripoli Al-Ahliyya, on **(Date 27-29/ 7/2024)**.

-Certificates of thanks and appreciation presented by Department of Research, Consulting and Training Department Faculty of Science, University of Tripoli Libyan to attend and activity participate in a workshop about - Using artificial intelligence applications to develop the skills of faculty members **(Date: 12/06/2024)**.

- Certificates of thanks and appreciation presented by Libyan Organization of Environment and Sustainable Development to participate in science activities in disease-carrying insects **(Date: 05/03/2021)**

- Certificates of thanks and appreciation presented by Organization of Environment and Sustainable Development to participate in science activities in infection and deadly spread of Corona virus **(Date: 06 /07/2020)**.

- Certificates of thanks and appreciation presented by Libyan Organization of Environment and Sustainable Development to participate in science activities in the Field of forest biodiversity **(Date:05/09/2019)**

Administrative costs tasks:

- **Head** of Research, Consulting and Training Department Faculty of Science, University of Tripoli **2022 - 2026**.

- **Head** of the Cultural Relations Department, Faculty of Science, University of Tripoli **2025**.

-**Head** of the Entomology Program, Department of Zoology, Faculty of Science, University of Tripoli **2023-2026**.

-**Head** of the Activities Committee, Department of Zoology, Faculty of Science, University of Tripoli **2017-2026**.

Future goal:

I have just secured a scholarship from my university to pursue a postgraduate program leading to a PhD. degree in Entomology.

Research papers:

- **Nawal A Mahfoud**, Haifa M Ben Miloud, Amel Saad Ashargawi, (2025). Spatial- temporal statistical analysis of the relationship between climate factors and the biodiversity of *Aedes Albopictus* Mosquito over Northern Libya. DISCOVERY SCIENTIFIC SOCIETY JOURNAL CLIMATE CHANG. Vol. 22 No. 1. (1-14).

doi: <https://doi.org/10.54905/disssi.v11i29.e6cc3101>

- **Mahfoud, N.A**, Ben Miloud, H.M. (2025). Temperature and Humidity Effects on Fruit Fly bundance and Distribution "Comparative Study", Sabha University Journal of Pure & Applied Sciences. VOL.24 NO. 1. (116-119).

DOI: 10.51984/JOPAS.V24I1.3639

- Waed Almegri, **Nawal Mahfoud1**, Jalal Alshrayqi, Adel Kaweldi. (2025). Identification of Human Remains by DNA Analysis of the Gastrointestinal Contents of Fly Larvae (maggots). Alqalam Journal of Medical and Applied Science.;8(2):739-743. <https://doi.org/10.54361/ajmas.258228>

- **Mahfoud, N.A**, Ben Miloud, H.M. (2024). Using climate scenarios to influence temperature on the *Aedes albopictus* mosquito over the city of Al Bayda, Libya. Libyan Journal of Ecological & Environmental Sciences and Technology (LJEEST). (1) A (1-6). <http://aif-doi.org/LJEEST/060103>

- **Mahfoud, N.A**, Talha, N. k and Asghier ,B.M. (2022). The effect of six aromatic essential oils on the life of confused flour beetle larvae and Adult *Tribolium confusum* Duval (Coleoptera: Tenebrionidae). Libyan Journal of Ecological & Environmental Sciences and Technology (LJEEST). (2) A-(10 - 16).

<http://aif-doi.org/LJEEST/040214>

- **Mahfoud, N.A**, Shaba, H.M. (2022). Seasonal Occurrence of the Peach Fruit Fly, *Bactrocera zonata* and the Mediterranean Fruit Fly, *Ceratitis capitata* (Diptera: Tephritidae). Al-Mukhtar Journal of Sciences 37 (1): 90-102. <https://doi.org/10.54172/mjsc.v37i1.580>

-**Mahfoud , N.A**, Asghier ,B.M.(2021). Phytotoxicity essential aromatic oils and powdered leaves of six aromatic essential oils on the life of confused flour beetle larvae and Adult *Tribolium confusum* Duval (Coleoptera: Tenebrionidae). The Libyan Journal of Science. 24A, 55 - 64.

- Shaba, H .M, **Mahfoud, N. A**. (2021). Biodiversity of leaf litter arthropods in Alnaser forest, Tripoli, Libya. Libyan Journal of Ecological & Environmental Sciences and Technology (LJEEST). (2) A-(24 - 31).

- Talha, N. k, **Mahfoud, N.A**. (2018) Study of the susceptibility of confused flour beetle *Tribolium confusum* to fungal disease *Beauveria bassiana* (Bals.) Vuill. The Libyan Journal of Sciences 21A, 1 - 12.

- Naji, M. A. Kafu, A. A. **Mahfoud, N. A.**, and Magrabi, H. A. (2018). The Effect of gamma radiation induces sterility in potato tuber moth *Phthoriamaea operculella* Zeller (Lipidoptera: Gelechiidae) Libyan Journal of Science. 21 A, 25-36.

-**Mahfoud, N. A.**, Kafu, A. A. and Magrabi, H. M. (2016). Study of the cannibalistic cohorts among the various life stages of Confused Flour-Beetle *Tribolium confusium* Du val (Coleoptera: Tenebrionidae) under laboratory conditions. Libyan Journal of Science. 19 A, 11-27.

Conferences:

- **Nawal, A. Mahfoud** , Bothina ,M. Asghier. (2025) Bioassay of the toxic effect of the essential oils of some medicinal plants on against adult of the rice weevil *Sitophilus oryzae* (Coleoptera: curculionidae). **9th Libyan International Conference on Medical, Applied, and Social Sciences.**

- **Nawal, A. Mahfoud**, Najah, k. Talha, Bothina,M. Asghier. (2024) The Efficacy of Extracts of some Essential Oils on Larvae Adults of the *Tribolium confusium* Du val (Coleoptera: Tenebrionidae). **8th Libyan International Conference on Medical, Applied, and Social Sciences.**

- **Nawal, A. Mahfoud**, Hassan, A. Magrab. (2007). food preferences of confused flour Beetle *Tribolium confusum* duval (coleoptera: Tenebrionidae). **Second Basic sciences Conference Tripoli- Libya ,16-62.**

- **Nawal, A. Mahfoud**, Hassan, A. Magrab. (2003). The cannibalistic of confused Flour-Beetle *Tribolium confusium* Du val (Coleoptera: Tenebrionidae). **8th Arab Conference Protection. Al Bayda- Libya.A-12.**

- **Nawal, A. Mahfoud**, Hassan, A. Magrab. (2003). The effect of medicinal plants on the life of confused flour beetle larvae and Adult *Tribolium confusum* Duval (Coleoptera: Tenebrionidae). **8th Arab Conference Protection. Al Bayda, Libya. A-12.**

Scientific Journals used to publish Scientific research.

- **Al- MuKhtar Journal Sciences.**

<https://omu.edu.ly/journals/index.php/mjsc/index>

- **Libyan Journal of Science.**

<https://uot.edu.ly/journals/index.php/ljs/index>

- **Libyan Journal of Ecological & Environmental Sciences and Technology.** www.srcest.org.ly/jou

- **Sabha University Journal of Pure & Applied Sciences.**

www.sebhau.edu.ly/journal/jopas

- **Alqalam Journal of Medical and Applied Science**

<https://doi.org/10.54361/ajmas.258228>

- **DISCOVERY SCIENTIFIC SOCIETY JOURNAL CLIMATE CHANG.**

doi: <https://doi.org/10.54905/dissci.v11i29.e6cc3101>

Research links:

- https://scholar.google.com/citations?view_op=list_works&hl=en&hl=en&user=5wQBJm

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- <https://www.researchgate.net/profile/Nawal-Mahfoud>.

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- <https://uot.edu.ly/sci/rct/admin/>

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- <https://uot.edu.ly/sci/zo/staff/index.php?id=613>

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Nawal Abdussalam Mahfoud

↵2026/1/30