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Place of birth: Tripoli – Libya

Date of birth: 8 – 7 – 1964

Nationality: Libyan

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Qualifications:

1-Doctor of philosophy in Ecology and plant taxonomy, Tishreen University, Faculty of Sciences, Department of Botany 2011. Tishreen – Syria.

2-Master degree in Biological sciences, Biology Department, Faculty of Sciences, University of Jordan, 2005. Amman – Jordan.

3-Bachelor's degree in Botany from Botany department, Faculty of Sciences, Al-Faateh University, 1987. Tripoli - Libya.

Academic position: Associate professor.

Experts:

1-Staff member in the Botany department, Faculty of Sciences, Tripoli University since 2005 till now.

2-Teaching the following courses.

General Botany, Plant taxonomy, Flora of Libya, Plant anatomy, Comparative morphology of lower plants, Economic botany, Biorisk Management.

3-Taught plant taxonomy and Flora of Libya in the Department of Botany, Faculty of Sciences, Misurata University, 2012.

4- Taught plant taxonomy in the Faculty of Agriculture, Tripoli University (Sahl Jfara Branch), 2007.

5- Taught plant taxonomy and Flora of Libya in the Department of biology, Faculty of Science, Al-Mergeb University, 2006 - 2007.

6- Supervised many of graduate projects in the areas of Plant taxonomy, Flora of Libya and Medicinal plants.

7- Participated in a workshop (**Natural resources Management**) held in the Faculty of Sciences, Al-Faateh University, Tripoli, Libya, with the cooperation of Department of Natural Resources and Ecology, Curtin University of Technology in the period from 22 Feb – 2 March – 2006.

8- Participated in a congress (**Biodiversity in Syria, present state and future**) held in the Damascus University in the period from 25 – 26 May- 2010.

9- Participated in a workshop (**International Communication and Knowledge Transfer for Young Researchers**) held in the Faculty of Sciences, at Tishreen University, Lattakia, Syria, within the DAAD funded cooperation with RWTH Aachen University, Germany in the period from 19 – 21 September 2010

10- Attended a workshop on **Laboratory Biorisk management** held in Kuala Lumpur – Malaysia, in the period from 20 – 30 July 2016.

11- Attended a workshop on **Laboratory Biorisk management curriculum development** held in Tunisia, in the period from 21 – 26 July 2019.

12- Coordinator of the department's quality committee since 2017 until now.

Publications:

1-Mahklouf, M. H. 2016. **A New Record *Physalis Angulata* L. (Solanaceae) for the Flora of Syria.** *American journal of Life Science Researches*. Vol 4: (1). 17-21. DOI: 10.21859/ajlsr-0401021

2-Mahklouf, M. H. 2016. **A New Record *Oenothera laciniata* Hill. for the Flora of Libya.** *International Journal of Modern Botany*. Vol 6:(1). 6-9. DOI: 10.5923/j.ijmb.20160601.02

- 3-Mahklouf, M. H. 2016. **Flora of *Solanum rostratum* Dunal. (Family-Solanaceae) in Libya: A New Record.** *International Journal of Modern Botany*. Vol 6:(1). 1 – 5. DOI: 10.5923/j.ijmb.20160601.01
- 4-Mahklouf, M, H. 2016. **A New record *Tuberaria Guttata* (L.) Fourr. Var: *Clandestina* (Cistaceae) For the Flora of Syria.** *American journal of Life Science Researches*. 4(1): 1-5 DOI: 10.21859/ajlsr-040105
- 5-Mahklouf, M. H. 2015. **Anew record *Anthemis marcotis* (Asteraceae) for the flora of Syria,** *American journal of Life Science Researches*. Vol 3 :(1). 249 – 253.
- 6- Mahklouf, M. H & Layka, S. 2011. **Morphological, Anatomica and Palynological study to two new species (*Silene reinwardtii* & *Matthiola tricuspidata*) to the Flora of Syria.** *Journal of Basic Sciences*. Tishreen University, Syria. 33:(2). 157 – 170.
- 7- Mahklouf, M. H. & Layka, S. 2011. **Study Biodiversity of Asteraceae in Lattakia province - Syria.** *Journal of Basic Sciences*. Damascus University, Syria. 27:(2). 299 – 314.
- 8- Mahklouf, M. H & Layka, S. 2009. **Morphological, Anatomical and Palynological study to two new species (*Nicotiana glauca* & *Physalis sp*) to the Flora of Syria.** *Journal of Basic Sciences*. Damascus University, Syria. 31:(6). 133 – 149.
- 9- Mahklouf, M. H. & Al-Sghair, F. 2016. **Floristic and Inventory Study of Mallaha Wetland.** Tripoli – Libya. *American Journal of Life Science Researches*. 4:(4). 119 – 123. DOI: 10.21859/ajlsr-040401.
- 10- Mahklouf, M. H; Abouhadra, M &, Essokne, R. 2016. **A New Record *Amaranthus blithoides* S. Watson. (Amaranthaceae) For the Flora of Libya.** *American Journal of Life Science Researches*. 4:(3). 89 – 91. DOI: 10.20286/ajlsr-040304
- 11- Mahklouf, M. H. & Al-Sghair, F. 2016. **Biodiversity and Floristic Study of Al-Hdaba Treatment Plant.** Tripoli–Libya. *American Journal of Life Science Researches*. 4:(3). 101 – 103. DOI: 10.21859/ajlsr-040307.
- 12- Abouhadra, M ; Mahklouf, M. H. &, Essokne, R. 2016. **A New Record *Artemisia vulgaris* L. (Asteraceae) for the Flora of Libya.** *American Journal of Life Science Researches*. 5(3): 83-88. www.diili.org/ojs-2.4.6/index.php/ajlsr/index.
- 13-Al-Sghair, F. & Mahklouf, M. H. 2017. **Floristic Analysis of the Family Asteraceae in Libya Depending on Flora of Libya.** Tripoli–Libya. *American Journal of Life Science Researches*. 5(4): 170-183. www.diili.org/ojs-2.4.6/index.php/ajlsr/index

- 14- Mahklouf, M. H & Talha, F. 2018. **New invasive seaweed *Caulerpa taxifolia* from Libya coast.** Tripoli–Libya. *American Journal of Life Science Researches*. 6:(2). 60 – 66. www.diili.org/ojs-2.4.6/index.php/ajlsr/index
- 15- Mahklouf, M. H; Essokne, R; Jury, S. 2018. ***Adenocarpus ronaldii* Essokne & Jury. sp. nov. (Leguminosae). a new species from Morocco.** Tripoli–Libya. *American Journal of Life Science Researches*. 6:(1). 1 – 5. www.diili.org/ojs-2.4.6/index.php/ajlsr/index.
- 16- Mahklouf, M. H. & El-Masri, T, F. 2018. **Evaluation of the Fungal Infection of Some Medicinal Plants Sold by Herbalists .** Tripoli–Libya. *American Journal of Life Science Researches*. 6(2): 102-105. www.diili.org/ojs-2.4.6/index.php/ajlsr/index
- 17- Mahklouf, M. H; Sherif, A; Betelmal, A. 2018. **Study of the Flora of Tarhuna .** Tripoli–Libya. *Hacettepe J. Biol. & Chem*. 46:(3). 337–364. DOI: 10.15671/HJBC.2018.242
- 18- Mahklouf, M. H. 2019. **A new record *Moringa oleifera* Lam. (Moringaceae) in the Flora of Libya.** *Journal of Wildlife and Biodiversity* 3:(1). 52-57. DOI: 10.22120/jwb.2018.90580.1029
- 19- Mahklouf, M. H. 2019. **Invasive Alien Plant Species in Libya.** *Journal of Advanced Botany and Zoology*. 7:(1). 1 – 4. doi.org/10.5281/zenodo.2575522
- 20- Mahklouf, M. H. 2019. **Floristic Analysis of the Family Asteraceae in Sabratha City-Libya.** *American journal of Life Science Researches*. 7(1): 18-25. www.diili.org/ojs-2.4.6/index.php/ajlsr/index
- 21- Mahklouf, M. H; El-Ahamir, M. S. 2019. **The first record of *Abutilon theophrasti* (Malvaceae) in the flora of Libya.** *Phytotaxa* 402 (5): 259–264. doi.org/10.11646/phytotaxa.402.5.5
- 22- Mahklouf, M. H. 2019. **The first record of *Physalis angulata* L. (Solanaceae) for the flora of Libya.** *Biodiv. Res. Conserv*. 53: 67-71. DOI 10.2478/biorc-2019-0004
- 23- Mahklouf, M; Etayeb, K. 2019. **Global biodiversity (selected countries in Africa** (edi. Pullaiah, T). *Apple Academic Press, Inc - CRC Press, a member of Taylor & Francis Group*. Vol. 3 Ch 5. 113 – 133.
- 24- Al-Sghair, F. G; Mahklouf, M, H; Abudaya, E. A. 2019. **Species Diversity and Floristic Analysis of the Family Poaceae in Libya Depending on the Flora of Libya,** *Advances in Bioscience and Bioengineering*. Vol. 7, No. 2, , pp. 13-21. DOI:10.11648/j.abb.20190702.11
- 25- Mahklouf, M. H. 2019. **The First Record of *Geranium molle* var. *album* (Geraniaceae) from Syria.** *Discovery Journal (Species)*. Vol. 20, 204-209.
- 26- Mahklouf, M. H; Wong, L. J; Pagad, S. 2019. **Global Register of Introduced and Invasive Species-Libya.** Version 1.2. Invasive Species Specialist Group ISSG. Checklist dataset <https://doi.org/10.15468/p4jxvy> accessed via GBIF.org on 2019-12-30.

27- Mahklouf, M. H. 2019. **Ethnobotanical Study of Edible Wild Plants in Libya**. European Journal of Ecology, Volume 5, Issue 2, Pages 30–40, ISSN (Online) 1339-8474, DOI: <https://doi.org/10.2478/eje-2019-0011>.

28- Vela, E; Essokne, R; Mahklouf, M; 2018. **Conserving wild plants in the south and east Mediterranean region – Libya**. (edi; Valderrábano, M., Gil, T., Heywood, V., and de Montmollin, B.). Gland, Switzerland and Málaga, Spain: IUCN. Xiii. Pp 12 – 13.

29- Sherif, A. S; Mahklouf, M. H. 2020. **An exclusive revision and annotated catalogue to the Grass Family of Libya**. *Discovery Journal (Species)*. 21(67), 1-31.

30- Mahklouf, M. H; Abuhadra, M. N. 2020. **Infraspecies Identity of *Verbesina encelioides* (Cav.) Benth. & Hook. (Asteraceae) From Libya**. *Science Alert, Journal of Plant Sciences*. Vol. 15, No. 1: 28-32. DOI: [10.3923/jps.2020.28.32](https://doi.org/10.3923/jps.2020.28.32)

31- Sherif, A; Mahklouf, M; Betelmal, A. 2020. **Floristic Study and Species Diversity of Msallata-Garaboulli Province in Libya**. Britain International of Exact Sciences (BIOEx) Journal. Vol. 2, No. 2: 556-573. DOI: <https://doi.org/10.33258/bioex.v2i2.232>.

32- Al-khojah, H. M; Al-Yafour, L. A. Mahklouf, M. 2020. **Floristic Study of Selected Districts in Sabratha region Libya**. *Journal of Advanced Botany and Zoology*, V7I4.02. DOI: 10.5281/zenodo.3830169.

33- Mahklouf, M. 2020. **Biological and Ecological Review of an Exotic Grass *Chloris gayana* kunth. (Poaceae) From Libya**. *Journal of Advanced Botany and Zoology*, V7(4).03. DOI: 10.5281/zenodo.3830211.

34- Al-Sghair, F;. Mahklouf, M. 2020. **Floristic Analysis and Species Diversity of the Family Fabaceae represented by voucher specimens Depending on the Flora of Libya**. *Discovery Journal (Species)*. 21(67). 189-201.

35- El-Ahmir, S; Mahklouf, M; Shanta, M; Abo-Jaaffer, H. (2020). **Floristic Study of Sedrores Mountains in Gharyan District – Libya**. *Journal of Advanced Botany and Zoology*, V8(1).02. DOI: 10.5281/zenodo.3931997.

36- Mahklouf, M.2020. **Biodiversity of the coastal flora of Tripoli Province**. Biodiversity. Research. Conservation. 58: 13-19. DOI 10.2478/biorc-2020-0006

73- المقصي، ف و مخلوف، م. 2020. الغطاء النباتي في منطقة عين ماره بمنطقة الجبل الأخضر- ليبيا. المجلة الليبية للعلوم. العدد 23. ص 1- 20.

38- Al-Sghair, F;. Mahklouf, M. 2021. **Vegetation Survey for Vascular Plants of Protected Area of the University of Tripoli-Libya**. *Species*, 22(69), 1-9.

- 39- Erteeb, F. B; Mahklouf, M. H; Al-Shaari, M.S. 2021. **The First Record of *Allium blomfieldianum* Asch. & Schweinf. (Liliaceae) from Libya.** *Species*, 22(69), 139-142.
- 40- Mahklouf, M. H; Shakman, E. A. 2021. **Invasive alien species - Observations and Issues from Around the World** (Edit- Pullaiah, T; Ielmini, L). John Wiley & Sons. Vol 5, Ch 5. 173 – 195.
- 41- El-Ahmir, S; Mahklouf, M; Azzu, Y. 2021. **The First Record of A medicinal Plant Species *Prosopis farcta* (Banks & Sol) .J.F.Macbr (Fabaceae; Mimosoideae) from Libya.** *Journal of Research in Agriculture and Animal Science*. 8(6), pp: 39-43.
- 42- Fattah, A; Elnaas, E; Shushni, M; Mahklouf, M. 2021. **An illustrated Guide to Libyan Poisonous plants.** Emkan Pulishing Co. Bebhazi. Libya. Part 1, 1st Edition.
- 43- Al-Sghair, F;. Mahklouf, M. 2022. **Floristic Analysis and Diversity of the Cruciferous species Represented by Voucher Specimens Depending on the Flora of Libya.** *American Journal of Life Science Researches*. 10(1): 8-24. (<http://www.diili.org/ojs-2.4.6/index.php/ajlsr/index>)
- 44- Mahklouf, M; Elhosk, M. 2022. **Weed flora of selected farms in Al-Wadi Al-Shargi in Ain Zara District Southwest of Tripoli- Libya.** *Magna Scientia Advanced Research and Reviews*, 05(01), 036–041. <https://doi.org/10.30574/msarr.2022.5.1.0043>
- 45- Sultan, E; Areef, K; Abazeid, M; Elarbi, K; Mahklouf, M; Shushn, M. 2022. **Cynodon dactylon L. extract as an eco-friendly corrosion inhibitor of mild steel in saline solution.** *Journal of Pharmacy & Bioresources* 19(2), 51-57. <https://dx.doi.org/10.4314/jpb.v19i2.1>
- 46- Sherif, A; Mahklouf. M; Betelmal, A; El-Wasif, A. 2022. **Plant diveristy of Al-Khoms – Misrata Province in Libya.** *The Libyan Journal of Science-* University of Tripoli Vol. 25, No. 01. 35-45
- 47-Essokne, R. & Mahklouf, M. H. 2023. **Index to New updated names of the Flora of Libya (Volume 1).** *Journal of science*, Vol. 16. 41 – 52.
- 48-Mahklouf, M. H. (2023). **The first record of *Euphorbia hypericifolia* L. (Euphorbiaceae) in Libya.** *Biodiversity: Research and Conservation*, Vol 70. 5 – 8.
- 49- <https://www.gbif.org/dataset/0620579e-9ee4-453a-be7d-ce14149aec76>
- 50- Mahklouf, M. H; El-Ahamir. M. S. 2023. **Floristic Study of Al-Orban area in Gharyan District-Libya.** *Scientific Journal for the Faculty of Science-Sirte University* Vol. 3, No. 2. 29-43. DOI: 10.37375/issn.2789-858X

51- Makhlouf, M. H, Sherif, A. S., Betelmal, A. G. ., El-Wasif, A. ., & Mabruk, I. A. 2023. **Summer flora and annotated checklist of Jabel Nafousa, Libya.** *Scientific Reports in Life Sciences*, 4(3), 13–32. <https://doi.org/10.5281/zenodo.10155173>