

Hussein AlNasarat

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EDUCATION

M.Sc in Applied biology and Zoology

May2012

Jordan University of Science and Technology

Thesis title "Studies on freshwater snail fauna of Jordan"

Supervisor Professor Zuhair Amr; PhD Zoology, University of Rhode island.

B.Sc in Biology

Sep 2008

Al-Hussein Bin Talal University

TEACHING AND EXPERIENCES

Jordan University of Science and Technology

Sep 2012-Jan 2014

Adjunct teacher in the laboratories of the genetics and biotechnology teaching general biology lab.

Adjunct teacher in the laboratories of veterinarian medicine labs to teach medical entomology "parasitology II".

Al-Hussein bin Talal University

Jan 2014-Nov 2024

- Laboratory supervisor teaching Molecular biology and genetics labs (Jan 2014-Sep 2015).
- Instructor in the department of biology to teach: Zoology of vertebrates and invertebrates, Ecology, parasitology and molecular biology.
- The Biodiversity Museum construction and archiving.

University of Jordan

Jun 2016-sep 2016

Research assistance and volunteer for renewal and archiving of the zoology museum in the university.

Eco-Consult company

Sep2018-nov 2023

- Working as observer to protect endangered migrant birds as well as some resident birds from killing by wind turbine generators at Alrajef wind farm project (Four years on migration seasons).
- Classification of birds based on the "Collin's bird guide".
- Filling a daily real time report sheet for analysis using "on demand stop protocol".
- Birds' carcasses search within turbines farm to ensure efficient monitoring protocol.
- Bird section preparation and archiving in the museum of nature in King Hussein University.
- Preliminary EIA study for locations of wind power and solar energy in Maan, Karak, Tafilah, Shoubak, Aqabah and Alrajef. Anabat detectors SD2 were used for several days monitoring and next data analysis for all recorded call Acoustics.
- Bat monitoring for EIA in locations of wind power turbines at Gharandal (Altafeelah) and Alrajef area near Petra.
- Song meter SM2 and SM4 detectors for bats detection and data analysis in Dana reserve and Egypt.

Funded achieved Projects

Sep2018-Jun 2024

- Studies for construction and operating a museum for biodiversity in Petra (USAID).
- Establishment of Educational Hydroponic agriculture project at AlHussein bin Talal University (UNDP).

- Study for development of “Hima” Ecotourism trail in Petra (UNDP)

PUBLICATIONS

Sulaiman Alnaimat., Saleem Aladaileh., Sager Abu Shattal., Ali Al-asoufi., **Hussein Nassarat**. And Yousef Abu-Zaitoon (2017): Isolation and Molecular Characterization of a Newly Isolated Strain of Bacillus sp. HMB8, With a Distinct Antagonistic Potential Against Listeria monocytogenes and Some Other Food Spoilage Pathogens, *Jordan journal of biological sciences*, 10(2), 135-143.

Abdulhadi Aloufi., Zuhair Amr. & **Hussein Alnasarat**. (2016): Bats (Mammalia: Chiroptera) from Tabuk Province, Saudi Arabia. *Vertebrate zoology*, 66(2), 207-215.

Hussain Nasarat., Zuhair Amr. And Eike Neubert. (2014): Two invasive freshwater snails new to Jordan (Mollusca: Gastropoda). *Zoology in the Middle East*, 60, 46-49.

Zuhair Amr., **Hussain Nasarat**. And Eike Neubert. (2014): Notes on the current and past freshwater snail fauna of Jordan. *Jordan Journal of Natural History*, 1, 83-115.

Ehab Eid^{1,4}, Malik Al Awaji , **Hussein Nasarat** , and Aladdin Alhiyasat¹. A Perceptions and Knowledge Towards Snakes: a Study from Jordan. *Herpetological Conservation and Biology* 16(2):345–354.

Eid, E., **Alnasarat, H.**, Damhoureyeh, S.A., & Henriques, S. (2023). Detection of Mediterranean Black Widow Spider, *Latrodectus tredecimguttatus* (Rossi, 1790) for the First Time in Jordan by DNA Barcoding and a Case of Envenomation Treated with *Ferula assa-foetida* L. (Apiaceae). *Turkish Journal of Bioscience and Collections*, 7(1), 29-34. <https://doi.org/10.26650/tjbc.1188900>

Abushattal S, **Alnasarat H**, Alnaimat SM, Eid E. 2024. The use of 18S rRNA for identification of the first record of Tadpole Shrimp *Lepidurus apus* (Linnaeus, 1758) from Jordan. *Biodiversitas* 25: 1223-1229.

Al-khlifeh E, Alshammari A and **Alnasarat H**, 2024. High incidence of G1 genotype found in the levant revealed by sequence-based association analysis of *Echinococcus granulosus* (sensu stricto). *Pak Vet J*. <http://dx.doi.org/10.29261/pakvetj/2024.143>

Al-khlifeh E, Alshammari A and **Alnasarat H**, 2024. High incidence of G1 genotype found in the levant revealed by sequence-based association analysis of *Echinococcus granulosus* (sensu stricto). *Pak Vet J*, 44(2): 405-413. <http://dx.doi.org/10.29261/pakvetj/2024.143>

CURRENT PROPOSALS AND RESEARCHES

- The status of spiders from genus “*Latrodectus*” (Widow spiders) in Jordan.

ECOLOGICAL AND FIELD EXPERIENCES

Dar-AIOMran Company

- Participated for making surveys with herders and hunters for the proposed natural protected area in Petra.

SKILLS

Language: Arabic & English (Toefl score 5.5)

Computer: Photo editing by photoshop CS4, Bioinformatics tool including DNA STAR and MEGA 11 and other NCBI online tools, ArcMap.

Using bat detector like AnaBat and AnalookW as analysis software

Using Kaleidoscope 5 as a new software for bat calls frequencies analysis recorded by SongMeter SM4.

REFERENCES

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