



Faculty of Science-Cairo University
Zoology Department



Curriculum Vitae



Mohamed Adel Mohamed Kadry

Permanent Address

21 Ahmed Sheible St. Wadi El-Nile St.
Meet Okba, El-Mohandseen. Cairo, Egypt.

Telephone: +233 444 256 **BBX:** +235676729

Mobile: +20122 7314 213
 +20109 6002 915

Postal code: 12613. Giza, Egypt.

Email: ecokadry@yahoo.com
kadry_reptilia@hotmail.com
kadryster@gmail.com
mkadry@sci.cu.edu.eg

PERSONAL PROFILE

Date of Birth: 11/5/1981

Gender: Male

Marital Status: Single

Nationality: Egyptian

Military Service: Exempted

UNIVERSITY ADDRESS & TELEPHONE

Faculty of Science
Department of Zoology
Cairo University
University street-University square
Giza, Egypt
Telephone: +235727435

EDUCATION AND CAREER HISTORY

B.Sc. 2002 Faculty of Science-Cairo University
Major Field: Chemistry/Zoology
Grade: Very good with honor

2002-2008 Demonstrator in Zoology Department, Faculty of Science-Cairo University

M.Sc. 2008	Zoology Department. Faculty of Science-Cairo University Special Field: Animal Ecology Advisors: Prof.Dr. Mohamed Assem Said Marie Prof.Dr. Mohamed Marzouk Mohamed Thesis title: Deposition and Utilization of Metabolites in the Lizard, <i>Laudakia stellio stellio</i> , its Significance for Life and Reproduction
2008-2011	Lecturer assistant in Animal Ecology. Zoology Department, Faculty of Science-Cairo University
Ph.D. 2011	Zoology Department. Faculty of Science-Cairo University Special Field: Animal Ecology Advisors: Prof.Dr. Mohamed Assem Said Marie Prof.Dr. Mamdouh Saad Ahmed Akef Thesis title: Ecological and Biological Studies in the Lizard, <i>Laudakia stellio</i> Inhabiting Different Geographical Habitats
2011-present	Lecturer in Animal Ecology. Zoology Department, Faculty of Science-Cairo University
2016-present	Assistant Professor of Animal Ecology and Biodiversity. Zoology Department, Faculty of Science-Cairo University

SELECTED COURSES STUDY

B.S.C. COURSES STUDY	Pre-M.S.C. COURSES STUDY	Pre-Ph.D. COURSES STUDY
1. Physical chemistry. 1	1. Radiobiology	1. Underground water pollution and remediation
2. Physical chemistry. 2	2. Environmental Monitoring	2. Mammalogy
3. Organic chemistry. 1	3. Cytology	3. Oceanography
4. Organic chemistry. 2	4. Ecological Studies	4. Animal behavior and psychology
5. Inorganic chemistry	5. Vertebrate Taxonomy	5. Mitochondrial DNA taxonomy
6. Analytical chemistry	6. Environmental Pollution	6. Herpetology
7. Practical organic chemistry	7. Water Pollution	7. Fish ecology
8. Biochemistry. 1	8. Immunology	8. Environmental biotechnology
9. Biochemistry. 2	9. Hematology and Blood Chemistry	
10. Cell biology	10. Nerve and Muscle Physiology	
11. Physiology	11. Desert Ecology	
12. Marine biology	12. Marine Ecology	
13. Embryology	13. Protozoa and Invertebrate	
14. Immunology	14. Fresh Water Ecology	
15. Histology & Histochemistry	15. Xenobiotic Metabolism	
16. Computer science	16. Animal Behavior	
17. Cell & membrane biophysics	17. Comparative Anatomy	
18. German language	18. Endocrinology	
	19. Biostatistics	
	20. Computer Science	
	21. German Language	

SPECIAL SKILLS

Language: *Excellent in Arabic; conversant in Arabic.

*Fluent in English; conversant in English.

Computer knowledge:

* Microsoft Windows.

* MS Office.

* SPSS (PASW)

* PowerPoint and data presentation

* E-learning courses designer.

Computer certificates:

• Introduction.

• MS DOS

• Microsoft WINDOWS 98

• ICDL Certificate Syllabus Version 4.0

TEACHING SKILLS & COUESES

Theoretical courses:

I. Bachelor and junior high years (Under-graduate).

Taught courses during the appointment in lecturer degree		
Educational level	Course title	Course code
1 st level	Principles of Zoology (1): Part I: Cytology	Z 101
1 st level	Principles of Zoology (2): Part I: Histology	Z 102
1 st level Biotechnology	Biodiversity	BTBio122
100 level Bioinformatics	Biology-1	Bio 251
2 nd level Chem. / Zool.	Principles of Ecology	Z 261
3 rd level Chem. / Zool.	Desert Ecology	Z 361
4 th level Chem. / Zool.	Aquatic Ecology	Z 461

II. Post-graduate.

Taught courses during the appointment in lecturer degree		
Educational level	Course title	Course code
Applied Biological Science Diploma	Field Ecology	ZBS 548

Practical courses:

<u>Taught courses during the appointment in lecturer degree</u>		
<u>Bachelor and junior high years (Under-graduate)</u>		
Educational level	Course title	Course code
1 st level	Principles of Zoology (1): Part I: Cytology	Z 101
1 st level	Principles of Zoology (2): Part I: Histology	Z 102
1 st level Biotechnology	Biodiversity	BTBio122
100 level Bioinformatics	Biology-1	Bio 251
3 rd level Biotechnology	Developmental Biology	BTBio325
2 nd level Chem. / Zool.	Genetics	Z 212
2 nd level Chem. / Zool.	Chordates	Z 231
2 nd level Chem. / Zool.	Principles of Ecology	Z 261
3 rd level Chem. / Zool.	Comparative Anatomy of Vertebrates	Z 331
4 th level Chem. / Zool.	Embryology	Z 431
<u>Post-graduate</u>		
Educational level	Course title	Course code
Applied Biological Science Diploma	Field Ecology	ZBS 548

TEACHING METHODS AND EVALUATIONS

- ✓ The use of modern methods of teaching.
- ✓ Discuss the students and encourage them to questions and dialogue and opinion.
- ✓ Use the Web to gather information
- ✓ Participation in the preparation and characterization of the decisions of the ECOLOGY Division's report for the middle and the stage of under-graduate and post-graduate studies.
- ✓ Develop theoretical and practical tests and correct

ZOOLOGIC FIELD TRAINING

- ❖ Ecologic Field research in Ismailia to investigate mapping the desert fauna in this area, and make data collection and interpretation using the Quadrante and Transect methods, from July 24 to July 27, 2004.
- ❖ Southern Sinai Zoological Field Training, from June 26, to July 3, 2005, we investigate Bio-monitoring the desert birds, reptiles, mammals, and plants inhabiting Isla valley in Saint Katherine protectorate and make data collection using Quadrante and Transect methods.

TECHNICAL TRAINING

- ❖ Cairo University, Zoology Museum, July 30th, 2005 to August 15th, 2005-Animal Samples Classification.
- ❖ Cairo University, Zoology Department, July 30th, 2006 to August 15th, 2006- protein content measurement by using ELISA and protein separation using gel electrophoresis.

SEMINARS, WORKSHOPS AND TRAINING

Seminars:

- "Mapping of flora and fauna in Ismailia desert land" from July 24th, to July 27th 2007, presented for the staff members of Zoology Department, Faculty of Science, Suez Canal University.
- "Bio-monitoring program of flora and fauna inhabiting Isla valley, Saint Katherine protectorate" from June 26th, to July 3rd 2007 presented to Prof.Dr. Samy Zalat, and Prof.Dr. Francis Gilbert.

Workshops:

- Ecologic Field research in Ismailia to investigate mapping the desert fauna in this area, and make data collection and interpretation using the Quadrate and Transect methods, from July 24 to July 27, 2004.
- Southern Sinai Zoological Field Training, from June 26, to July 3, 2005, we investigate Bio-monitoring the desert birds, reptiles, mammals, and plants inhabiting Isla valley in Saint Katherine protectorate and make data collection using Quadrate and Transect methods.
- "References and Data Management Using EndNote[®] X5 Software". A workshop organized in Ibn-Sina Hall, Old Botany Department, Faculty of Science, Cairo University, on 12 March 2012.
- "Ethics in Science" of the further domain of "Academic Skills" within the DAAD Kairo Akademie. A workshop organized in Zoology Department, Faculty of Science, Cairo University, on 25 November 2012.
- "TOT Program on Innovative Methods For Delivering Education Materials for Children". Scientific Research and Technology Academy. On March 1st – March 3rd, (2016).

Training:

Training Courses:

- Computer Science including office, PowerPoint and animated data show, from August 7th, to September 8th, 2004. Scientific Mathematics Unit, Faculty of computers and information, Cairo University.
- University Teacher Preparation from September 4th to September 22th 2004. University Teacher Preparation unit, Cairo University.
- Active Communication Skills, from May 28th to May 31th, 2005, Faculty of Mass Communications, Cairo University.
- Modern Directions in Teaching (E- learning) about how to setup and uploading a course to be available to students on web, from October 30th to November 1st, 2006, center of open learning, Cairo University.
- Skills of Thinking, from November 6th to November 8th, 2006, Faculty of Veterinary, Cairo University.
- Quality Assurance and Dependence, from November 13th to November 15th, 2006, Faculty of pharmacy, Cairo University.
- Use of Technology in Teaching, from February 4th to February 6th 2008, Faculty and leadership development center, Faculty of Science, Cairo University.
- Skills of Active Presentation, from February 25th to February 27th 2008, Faculty and leadership development center, Faculty of Science, Cairo University.
- Time and Committee Management, from March 10th to March 12th 2009, Faculty and leadership development center, Faculty of Science, Cairo University.

- Quality Standards in Teaching, from September 7th to September 9th 2009, Faculty and leadership development center, Faculty of Science, Cairo University.
- Competitive Research Projects, from April 19th to April 21th 2010, Faculty and leadership development center, Faculty of Science, Cairo University.
- Systems Exams and Student Assessment, from June 21th to June 23th 2010, Faculty and leadership development center, Faculty of Science, Cairo University.
- International Publishing of Research, from September 20th to September 22th 2010, Faculty and leadership development center, Faculty of Science, Cairo University.
- Conference Organization, from February 28th to March 2nd 2011, Faculty and leadership development center, Faculty of Science, Cairo University.
- The University Management, from September 25th to September 26th 2013, Faculty and leadership development center, Faculty of Science, Cairo University.
- Strategic planning, from July 16th to July 17th 2014, Faculty and leadership development center, Faculty of Science, Cairo University.
- Credit hours system, from September 15th to September 16th 2014, Faculty and leadership development center, Faculty of Science, Cairo University.
- Research ethics, from February 14th to February 15th 2015, Faculty and leadership development center, Faculty of Science, Cairo University.
- Effective teaching skills, from May 16th to May 17th 2015, Faculty and leadership development center, Faculty of Science, Cairo University.
- University Code Of Ethics, from September 14th to September 15th 2015, Faculty and leadership development center, Faculty of Science, Cairo University.
- Anti-Corruption Methods, in March 18th 2017, El-Qasimy Hall, Central Library, Cairo University.
- Research Team Management, from May 11th to May 12th 2017, Faculty and leadership development center, Faculty of Science, Cairo University.
- Legal and Financial Aspects in University Environment, from September 25th to September 26th 2017, Faculty and leadership development center, Faculty of Science, Cairo University.

Other trainings:

1. Students hospital (in 2001):

Training in the laboratory on various types of analyses (Bacteriology, Hematology, Parasitology and Biochemistry) in 2001.

2. El-Nasr Pharmaceutical Chemicals (in 2001):

Training in the following units:

*Research

*Control

*Factory Productivity

3. Capstone training (in 2013-2014):

Attended four training sessions: 1st on Sunday 15 December 2013, 2nd on 28 December 2013, 3rd on 11 May 2014 and 4th on 30 December 2014 at World Learning office for prototype and poster exhibition and evaluation event.

UNIVERSITY VOLUNTEER WORK

- ❖ Admin of student members of zoology team in illustrating the biodiversity of Egyptian fauna.
- ❖ Tutor of my classmates of Zoology department in illustrating the skills of teaching the practical courses.
- ❖ Tutor of my faculty students of Zoology department in illustrating and understanding the difficulties in studying courses.

- ❖ Admin of student members of Biophysics researchers' team in illustrating the skills of how to do and write a scientific research and papers.
- ❖ Admin of student members of Step-By-Step team (SBS).
- ❖ An evaluator of:
 - **Capstone STEM schools (Science, Technology, Engineering and Mathematics):**
 - * 15 prototypes (8 made by grade 1+7 made by grade 2) for secondary level students on 29 December 2013 at STEM school for boys (6th October).
 - * 20 posters made by grade 1 students from STEM school for boys (6th October) on 2 January 2014 at educational city in 6th October.
 - * 60 posters made by grade grades 1, 2 and 3 secondary level students from STEM school for boys (6th October) and STEM school for girls (El-Maadi) on 19-24 May 2014 at educational city in 6th October.
 - * 32 prototypes and posters made by grade 3 level students from STEM school for girls (El-Maadi) and STEM school for boys (6th October) on 13 and 14 January 2015 respectively.
 - **Intel ISEF (International Science and Engineering Fair):**
 - * 17 projects (made by all grades) for secondary level students on 24 November 2014 and 17 projects (made by all grades) for secondary level students on 21 December 2014 at STEM school for boys (6th October).

INSTRUMENT EXPERIENCES

- Spectrophotometer.
- SDS-PAGE.
- Isozymes and DNA gel electrophoresis.
- Polymerase chain reaction (PCR).
- EXCEL-18 (Blood analyzer).
- Gas Chromatography (GC).
- High Performance Liquid Chromatography (HPLC).
- Infra-Red (IR).
- ELISA.

OTHER EXPERIENCES

Scientific trips:

- Tour Guide for the annual scientific trip for 3rd year students (Chemistry/Zoology) to Eastern Desert, Sharm El-Sheikh, 2005, 2008, 2009 and 2015, Hurghada, 2004 and 2006 and till present.
- Conducted Environmental tours of Mediterranean coastal desert in Alexandria, and El Faiyum, 2003 and 2007.
- Tour Guide for the annual scientific trip for 4th year students (Chemistry/Zoology), marine life group to Porto El-Sokhna beach (El-Ain El-Sokhna) from 2011 till present.

Examination systems and Control Unit acts

- Participated in the control of 1st and 2nd level students (Zoology) from 2011 to present. Zoology Department, Faculty of Science, Cairo University.
- Participated in the control of Faculty of law-English section (all levels students) from 2011 to 2016. English Department, Faculty of law, Cairo University.

- Participated in the control of Faculty of law for postgraduate students from 2014 to 2015. Faculty of law, Cairo University.
- Participated in the control of Faculty of Commerce (all levels students) from 2011 to 2014, Faculty Commerce, Cairo University.
- ❖ Member in the work of the museum department.
- ❖ Participate in the membership of the board of the department.
- ❖ A member of the scientific committee of the trips in 2010 and 2002 to 2008 & 2015.
- ❖ A member of the "Draft Children's University Project" held in Faculty of Science-Cairo University, Department of Zoology about "Biodiversity" in 2015-2016.
- ❖ Is a member of the organizing committee of the hall for the ceremony graduates for the academic year 2016 (attached certificate accredited to participate).

M.SC. THESES SUPERVISING

1. **"Biological and Toxicological Impacts of Copper Oxide Versus Its Nanoparticles Counterpart in Nile Tilapia Fish (*Oreochromis niloticus*)"**. Zoology Department. Faculty of Science-Cairo University
Name of candidate: Shereen Reda Badran **Special Field:** Animal Ecology
Registration date: 12/1/2013 **Awarded date:** 1/7/2015
2. **"Biological and Toxicological Impacts of Zinc metal in Comparison to Its Nanoparticles Counterpart in Nile Tilapia; *Oreochromis niloticus*"**. Zoology Department. Faculty of Science-Cairo University
Name of candidate: Alyaa Abdel-Latif **Special Field:** Animal Ecology
Registration date: 16/1/2013 **Awarded date:** 1/11/2015
3. **"Ecotoxicological and Biological Field Studies on Saw-Scaled Viper, *Echis pyramidum* and Kenyan Sand Boa, *Eryx colubrinus* inhabiting El-Faiyum desert, Egypt"**. Zoology Department. Faculty of Science-Cairo University
Name of candidate: Doha Magdy Mostafa Sleem **Special Field:** Animal Ecology
Registration date: 1/6/2014 **Awarded date:** -----

PUBLICATIONS

1. **Kadry, M.A.M. and Amer, S.A.M. (2013).** Biochemical Variability Between Two Egyptian *Stenodactylus* Species (Reptilia: Gekkonidae) Inhabiting North Sinai. *Advances in Bioscience and Biotechnology*, **4(11)**, 974-978.
<http://dx.doi.org/10.4236/abb.2013.411129>. Published Online November 2013 in SciRes (<http://www.scirp.org/journal/abb/>)
2. **Kadry, M.A.M. and Mohamad, H.R.H. (2014).** Genetic And Metabolic Variability Between Two Subspecies Of *Chamaeleo chamaeleon* (Reptilia: Chamaeleonidae) In Egypt. *Advances in Bioscience and Biotechnology*, **5(8)**, 699-703.
<http://dx.doi.org/10.4236/abb.2014.58083>. Published Online July 2014 in SciRes (<http://www.scirp.org/journal/abb/>)

3. **Mohamad, H.R.H. and Kadry, M.A.M. (2014).** Study of Chromosomal and DNA Damage Baseline Level in Two Subspecies Of *Chamaeleo chamaeleon* In Egypt Using Micronucleus And Comet Assays. *International Journal of Science and Research*, **3(6)**, 2642-2644.
Paper ID: 02014802, [Licensed Under Creative Commons Attribution CC BY](#). Published Online June 2014 in IJSR (<http://www.ijsr.net/>)
4. **Abdel-Khalek, A.A., Kadry, M.A.M., Badran, S.R. and Marie, M.A.S. (2015).** Comparative Toxicity Of Copper Oxide Bulk And Nanoparticles In Nile Tilapia; *Oreochromis niloticus*: Biochemical And Oxidative Stress. *The Journal of Basic & Applied Zoology*, **72**, 43–57.
5. **Mohamed, H.R.H. and Kadry, M.A.M. (2015).** Genetic And Histological Diversity Between The Coastal And Desert *Chamaeleo chamaeleon* Subspecies In Egypt. *International Journal of Science and Research*, **4(7)**, 613-617.
Paper ID: SUB156393, [Licensed Under Creative Commons Attribution CC BY](#). Published Online June 2015 in IJSR (<http://www.ijsr.net/>)
6. **Kadry, M.A.M. Mohallal, E.M.E., Sleem, D.M.M. and Marie, M.A.S. (2015).** Inter-Specific Biochemical Diversity Between *Echis pyramidum* And *Eryx colubrinus* Inhabiting El-Faiyum, Egypt. *Advances in Bioscience and Biotechnology*, **6(8)**, 495-500.
Published Online August 2015 in SciRes. <http://www.scirp.org/journal/abb/>
<http://www.scirp.org/journal/PaperInformation.aspx?doi=10.4236/abb.2015.68051>
7. **Mohamad, H.R.H. and Kadry, M.A.M. (2015).** Study Of Genomic DNA Damage In Four-Spotted Gecko, *Tarentola annularis* One Species Inhabiting Two Different Habitats. *Ciência e Técnica Vitivinícola*, **30(8)**, 164-175.
8. **Abdel-Khalek, A.A., Kadry, M.A.M., Hamed, A.A. and Marie, M.A.S. (2015).** Ecotoxicological Impacts of Zinc Metal In Comparison To Its Nanoparticles in Nile Tilapia; *Oreochromis niloticus*. *The Journal of Basic & Applied Zoology*, **72**, 113–125.
9. **Kadry, M.A.M. (2015).** Genetic And Biochemical Diversity Between Two Natural Populations Of *Tarentola annularis* Inhabiting Two Different Habitats In Egypt. *Ciência e Técnica Vitivinícola*, **30(12)**, 62-74.
10. **Kadry, M.A.M., Mohamad, H.R.H. and Hosney, M. (2017):** Ecological and Biological Studies On Five-Lined Skink, *Trachylepis* (= *Mabuya*) *quinquetaeniata* Inhabiting Two Different Habitats In Egypt. *Cellular and Molecular Biology*, **63(11)**, 28-36.