

CURRICULUM VITAE



GEORGE MITSAINAS, PhD
Lecturer, Dept. of Biology
University of Patras

May 2019

I. PERSONAL DETAILS

Name: **George Mitsainas**

Date and Place of birth: 15.11.1974, Athens, Greece

Marital status: Married, two children

Current Employment: - Lecturer at the Dept. of Biology, University of Patras (2014 onwards).

Work address: Laboratory of Zoology, Section of Animal Biology, Dept. of Biology, University of Patras, GR-26504, Rion.

Home Address: Georgiou Tsapalou & Solonos, GR-26504 Agios Vasilios

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II. EDUCATION

1992 Graduate (Valedictorian) of Falls Church High School of Falls Church, VA, USA.

— Admission to the undergraduate course programme of the Dept. of Biology, Univ. of Patras, Greece.

1996 Dissertation with the title “**Karyotypic study of populations of the house mouse *Mus musculus domesticus*** (Full Marks).

— Graduation from the Dept. of Biology, Univ. of Patras, Greece with grade ‘Very Good’, (GPA: 7.69/10).

— Admission to the graduate course programme of the Dept. of Biology, Univ. of Patras, Greece.

1997-1999 Scholar in various research programmes of the Section of Animal Biology, Dept. of Biology, Univ. of Patras, Greece.

1999 MSc Diploma with Full Marks. Title of MSc dissertation: “**Karyological study and cytogeography of populations of**

the house mouse *Mus musculus domesticus*, focusing on the Rb system of north-western Peloponnese”.

— PhD Candidate of the Section of Animal Biology, Dept. of Biology, Univ. of Patras, Greece. PhD Thesis Title: **“Chromosomal evolution of the house mouse *Mus musculus domesticus* in the Robertsonian system of Western Peloponnese”**

Supervisor: Prof. Eva Giagia-Athanasopoulou

1999-2008 Scientific Collaborator (Scholar until the end of 2004) in research programmes of the Section of Animal Biology and of the Section of Plant Biology of the Dept. of Biology, Univ. of Patras, Greece.

2006 PhD, Dept. of Biology, Univ. of Patras, Greece with Full Marks.

Foreign Languages *Greek:* Native Language.

English: Perfect (Proficiency of Cambridge & Proficiency of Michigan).

German: Fluent (Mittelstufe- Goethe Institut).

French: Fluent (Certificat).

Computer skills - Certificate of Computer Skills by the accredited institute ‘Vellum Global Educational Services’ for the software units: MS Windows, MS Outlook, MS Word, MS Excel, etc. Date of certification: Jan. 2007.

- Extended expertise in the use of other software packages in DOS and WINDOWS environment. Text and Photo editing using the Adobe Suite (Acrobat, Photoshop, Indesign etc.)

-Database implementation, using MS Access; Web Page design using Macromedia Dreamweaver etc.

III. TEACHING EXPERIENCE

I. TEACHING

A) Undergraduate courses

i) Section of Animal Biology, Dept. of Biology, University of Patras

1996-2004 Lab support in the lab exercises of the undergraduate courses Zoology I, Zoology III and Fauna of Greece

2014 Co-teaching of the undergraduate course ‘**Fauna of Greece**’.

2014- Co-teaching of the undergraduate course ‘**Animal Biology II**’.

- 2015- Teaching of the undergraduate course '**Fauna of Greece**'.
- 2017- Co-teaching of the undergraduate course '**The Science of Biology**'
- 2019- Co-teaching of the undergraduate course '**Biodiversity and Conservation Biology**'

ii) Dept. of Organic Farming, Technological Educational Institute (T.E.I.) of Ionian Islands

- 2004-2005 **Fully Qualified Laboratory Collaborator** for teaching the theory of the course **Genetics** and the lab exercises of the courses **Genetics** and **General Zoology & Entomology** (10 hours weekly).
- 2005-2006 **Fully Qualified Laboratory Collaborator** for teaching the lab exercises of the courses **Genetics I** and **General Zoology & Entomology** (12 hours weekly).
- 2006-2007 **Fully Qualified Scientific Collaborator** for the teaching the course **General Zoology & Entomology** (theory and lab exercises), as well as the lab exercises of the course **Genetics I** (10 hours weekly in the winter and 14 hours weekly in the spring semester).
- 2007-2008 **Fully Qualified Scientific Collaborator** for the teaching the course **General Zoology & Entomology** (theory and lab exercises), as well as the lab exercises of the course **Genetics** (8 hours weekly in the winter and 10 hours weekly in the spring semester).
- 2008-2010 **Fully Qualified Scientific Collaborator** for the teaching the course **General Zoology & Entomology** (theory and lab exercises) (4 hours weekly).

ii) Dept. of Environmental Technology and Ecology, Technological Educational Institute (T.E.I.) of Ionian Islands

- 2010-2011 **Fully Qualified Scientific Collaborator** for the teaching the courses **Principles of Ecology** (theory and lab exercises), **Principles of Environmental Science** (theory) and **Population Ecology and Biodiversity** (theory and lab exercises) in the Dept. of Environmental Technology and Ecology, T.E.I. of Ionian Islands (13 hours weekly).

B) Graduate courses

i) Section of Animal Biology, Department of Biology, University of Patras

2014- Co-teaching of the courses ‘**Biodiversity assessment and biological monitoring of species and habitat types**’ and ‘**Environmental design and management of natural areas**’ in the context of the graduate program “**Applied Ecology – Management of ecosystems and biological sources**” of the Department of Biology.

ii) Interdepartmental Graduate Course ‘Electronic and Information Processing’

2016-2017 Co-teaching of the course ‘*Biological and Environmental Signals*’

iii) Department of Environmental and Natural Resources Management, University of Ioannina

2009-2011 Teaching of the course ‘**Biodiversity of the Greek mammalian fauna**’, in the context of the course unit “Biodiversity Conservation-Management and Legal Framework for the Protection” of the Interdepartmental Graduate Study Programme “Sustainable Management of Protected Areas” of the University of Ioannina.

C) Graduate courses

2019 Teaching at the undergraduate and graduate level during the interval 30.04-04.05.2019 at the Faculty of Science and Technology, Bournemouth University, UK, within the framework of Erasmus+ Staff Mobility for Teaching, following the bilateral agreement that has been signed between the above Faculty and the Dept. of Biology of the University of Patras.

2. COURSE NOTES

i) Department of Biology, University of Patras.

- **MITSAINAS, G. (2015)** Laboratory notes for the course ‘**Animal Biology II**’: “External morphology and internal organization of the frog”, 16 p.
- **MITSAINAS, G. (2015)** Laboratory notes for the course ‘**Animal Biology II**’: “External morphology and internal organization of the mouse”, 17 p.

ii) Department of Organic Farming, T.E.I. of Ionian Islands

- **MITSAINAS, G. (2007):** Laboratory notes for the course ‘General Zoology & Entomology. 58 p. – Offered to the 2nd semester undergraduate students [in Greek].
- **MITSAINAS, G. (2007):** Laboratory notes for the course ‘Genetics’. 55 p. – Offered to the 3rd semester undergraduate students [in Greek].

3. DISSERTATIONS AND PRACTICAL INTERNSHIPS

Supervisor of the following **undergraduate dissertations**, carried out at the **Department of Biology, University of Patras:**

Completed

1. Alkistis Manousopoulou (2015): Karyological study of representatives of the house mouse *Mus musculus domesticus*.
2. Akylina Skoura (2015): Karyological study of small mammals of Achaia Prefecture.
3. Dimitrios Fotiou (2016): Chromosomal study of representatives of the subfamily Murinae.
4. Myrto Smyriliou-Zerva (2016): Dietary habits of the otter (*Lutra lutra*) population from Lake Stymfalia.
5. Nikoletta Manta (2016): Chromosomal study of the house mouse *Mus musculus domesticus* from new localities of the Robertsonian (Rb) system of Peloponnese.
6. Evaggelia Andreopoulou (2016). Comparative study of the neurogenesis at the Subependymal Zone of the adult brain in lab strains and natural populations of the house mouse *Mus musculus domesticus* (Rodentia: Muridae).
7. Georgia Rousseti (2017): Chromosomal study of the house mouse *Mus musculus domesticus* (Rodentia: Muridae) at the Robertsonian (Rb) system of E. Sterea Ellada.
8. Joanna Garefallaki (2017): Recording of the Robertsonian (Rb) chromosomal variation of the house mouse *Mus musculus domesticus* (Rodentia: Muridae) in Attica.
9. Constantina Chorba (2017): Contribution to the study of the distribution and contact zones of the Robertsonian (Rb) races and the acrocentric population of the house mouse *Mus musculus domesticus* (Rodentia: Muridae) at northern areas of the Rb system of Peloponnese.
10. Constantina Kolia (2017): Contribution to the study of the Robertsonian (Rb) variation of the house mouse *Mus musculus domesticus* (Rodentia: Muridae) at the Rb system of Ipeiros.

11. Nikoletta Tsele (2018): Contribution to the study of the Robertsonian (Rb) variation of the house mouse *Mus musculus domesticus* (Rodentia: Muridae), at selected areas of S. Sterea Ellada.
12. Alexis Panagiotopoulos (2018): Recording of the amphibian and reptilian fauna from selected areas of Mt. Erimanthos.
13. Nikolitsa Loukatou (2018): Contribution to the study of the contact zones of the chromosomal races of the house mouse *Mus musculus domesticus* (Rodentia: Muridae) in N-NW areas of the Rb system of Peloponnese.
14. Athanasia Rapti (2018): Recording of the Robertsonian (Rb) chromosomal variability of the house mouse *Mus musculus domesticus* (Rodentia: Muridae) at northern areas of the Rb system of Sterea Ellada.
15. Lydia Koutrouditsou: Study of the abundance and spatial distribution of the amphibians in the protected area of Chelmos-Vouraikos.

In progress

1. Alexis Dimitrakopoulos: Recording of the fauna of small mammals at the National Park of Chelmos-Vouraikos.
2. Dimitra Georgakopoulou: Robertsonian (Rb) chromosomal study of the house mouse *Mus musculus domesticus* (Rodentia: Muridae) in the region of central Peloponnese.
3. Georgia Kokkini: The chromosomal variability of the house mouse *Mus musculus domesticus* in new areas of the Rb system of Peloponnese and SW Sterea Ellada.
4. Marina Karoumpali: Seasonal study of bats at the caves of Anygrides Nymphs, Zacharo, Pref. Ileia.
5. Panagiota Pana: Determination of the diet of the Tawny Owl (*Strix aluco*) on Mt. Menoikio, Pref. Drama, through the study of owl pellets.
6. Alexandra Varveri: Determination of the diet of the Barn Owl (*Tyto alba*) at Kaminia, eastern Limnos Isl., through the study of owl pellets.

Member of the Supervising Committee of the following **undergraduate dissertations**, carried out at the **Department of Biology, University of Patras**:

Completed

1. Efthymios Assimakopoulos (2015): Assessment of the urban and peri-urban diversity of the Ropaloceran Lepidoptera in Patras (completed in 2015)
2. Alexia Belavgeni (2015): Investigation of the role, exerted by water and acetone on the induced stress of the ionic liquids [bmim][BF₄] and [omim][BF₄] in the marine mussel *Mytilus galloprovincialis*.

3. Emmanouil Koumantakis (2016): Study of the urban and peri-urban Chiropteran diversity at the area of Patras.
4. Danai Androulidaki (2017): Paleoanthropological study of osteological material from tombs of the Classical Era from the Alonaki-Marmaras site in Nafpaktos.
5. Nektarios Politakis (2017): Study of the effect of expired pharmaceutical products on the tissues of the mussel *Mytilus galloprovincialis*: the case of Mesulid.
6. Eleni Tsimara (2017): The effect of abiotic parameters (salinity-food) to the response of stress indices of the mussel *Mytilus galloprovincialis*, following exposure to micromolecular concentrations of Cadmium (Cd).
7. Danae Kontou (2017): Morphological and demographical study of osteological material from Classical/Hellenistic tombs, found in the property of G. Aravanis, Northern ancient cemetery, Lefkada.
8. Ioannis Karagiannis (2017): Morphological and paleopathological study of osteological material from tombs of the Classical era, found in the property of G. Aravanis, Lefkada.
9. Maria Maximiadi (2017): Food intake behavior of pelicans in Mikri and Megali Prespa lakes.
10. Constantina Tetorou (2018): Study of behavioural and biochemical indices of brain regions following the induction of epileptic crises on the Thomas vole *Microtus thomasi* (Rodentia Arvicolinae).
11. Phaedon-Nikolaos Tilemis (2018): Study of the phagocytic procedure of the haemocytes of the bivalve mollusk *Mytilus galloprovincialis*, following exposure to the ionic fluid [omim] [BF₄].
12. Marianna Kokotini (2018): Study of osteological material of Pleistocene mammals from Karnezeika, Pref. Argolida.
13. Maria Mellou: Study of the neurogenesis on the adult brain of Thomas' vole *Microtus thomasi*.

In progress

1. Alexis Kaponis: Diversity of amphibians and reptiles on Mt. Chelmos.
2. Evanthia Zoga: Otolith study from Pleistocene lake deposits from Aggelokastro, Pref. Aitoloakarnania.
3. Nikolaos Helmis: Population and morphological altitudinal differentiation of the rock-dwelling snail *Albinaria arcadica* (Boettger, 1878) (Pulmonata, Clausiliidae) on Mt. Chelmos.
4. Parparoussi Elpiniki-Maria: Study of osteological material of Pleistocene mammals from Agia Kyriaki, Pref. Aitoloakarnania.

5. Politi Alexandra: Study of stress indicators in tissues of the species *Mytilus galloprovincialis*, following feeding on microalgae cultivations, exposed to environmentally traceable concentrations of Diclofenac (DCF).
6. Komodromos Andreas: Study of the impacts of expired pharmaceutical products on the development of microalgae of fresh and salt water.
7. Kloukinioti Maria: Study of the genotoxic stress indicators in tissues of the species *Mytilus galloprovincialis*, following exposure to environmentally traceable concentrations of Diclofenac (DCF) at the presence or absence of nutrition.

Supervisor of **Dissertations**, carried out at the Dept. of Organic Farming, T.E.I. of Ionian Islands:

1. The insect fauna in an urban area: Records and study in the city of Argostoli (Panagiotis Zorbas & Olga Karanasiou – 2008).
2. Study of specific Coleopteran families (Insecta, Arthropoda) from interesting regions of the Prefecture of Ioannina (Aikaterini Plastira – 2009).
3. Study of the public acceptance of Organic Farming Products in the island of Kefalonia (Vasiliki Kartalamaki & Dimitrios Drakontaidis – 2009).
4. Study of the public acceptance of Organic Farming Products in the Prefecture of Chania (Maria Sampani – 2009).
5. *Varroa destructor* with *Apis mellifera* as a host (Eleni Philippatou – 2009).
6. Biological cultivation of edible snails in Crete (Vasil Mavrogiannakis – 2009).
7. Study of specific Coleopteran families (Insecta, Arthropoda) from interesting regions of Kefalonia Island (Eleni Gelastopoulou & Barbara Dalaka – 2010).
8. Study of the public acceptance of Organic Farming Products in Corfu island (Spyridoula Zohiou – 2010).

Supervision of the **Training Internships** of students of the **Department of Biology, University of Patras**

1. Dimitrios Fotiou (April-June 2016).
2. Danae Androulidaki (July-August 2016)
3. Constantina Kolia (July-August 2017)
4. Dimitra Georgakopoulou (June-July 2018)
5. Athanasia Rapti (July-August 2018)
6. Nikolitsa Loukatou (July-August 2018)

Supervision of the **Training Internships** of students at the **Management Body of the National Park of Mt. Aenos, Kefalonia.**

1. Konstantinos Vitorakis – Dept. of Organic Farming, T.E.I. of Ionian Islands (Nov. 2007- May 2008).

2. Colline Billand – AgroParisTech (June-August 2012).
3. Ioanna Boudouris – AgroParisTech (June-August 2013).

4. *MSc DISSERTATIONS*

Supervisor of the following **MSc dissertations**, carried out at the **Department of Biology, University of Patras**:

Completed:

1. Irena Pappa (2017): Osteological study of anthropological and faunal archeological material from the Copper Era up until the early Paleo-Christian times from the region of E. Nafpaktos.
2. Efthymios Assimakopoulos (2017): Karyological study of the wild populations of the mole rat (*Nannospalax*, Spalacinae, Rodentia) in Greece.
3. Eleni Rekouti (2018): Architectural design and use of the burrow network by the fossorial Thomas' vole *Microtus thomasi* (Rodentia, Arvicolinae).

In progress:

1. Myrto Smyriliou-Zerva: Comparison of the dietary habits of the nocturnal birds of prey of the Order Strigiformes, through the study of the owl pellets.
2. Constantina Kolia: Contribution to the study of the Rb chromosomal variability of the house mouse *Mus musculus domesticus* (Rodentia: Muridae) from selected areas of Greece.
3. Alexis Panagiotopoulos: Metabolomic analysis of the poison of opisthoglypha and aglypha snakes.
4. Nikolitsa Loukatou: Study of the contact areas of different chromosomal races of the house mouse *Mus musculus domesticus* in NW areas of the Robertsonian system of Peloponnese.
5. Chrysa Tsakona: Ecological study of large mammals in selected areas of the Natura 2000 network of the National Park of Rhodopi.

Member of the Supervising Committee of the following **MSc dissertations**:

Completed:

1. Danae Papageorgiou (2016): Behavioral ecology of the woodchat shrike (*Lanius senator*) on Antikythira island, during its immigration. Department of Biology, University of Patras.
2. Vassilis Kypraios (2016): Study of the amphibian and reptilian road victims in the protected area of Strofilia. Department of Biology, University of Patras.
3. Anna Tsirba (2017): Paleoanthropological study of osteological material from burying sites of the Classical Era at the Alonaki-Marmara area of Nafpaktos:

Paleo-environmental implications. Department of Geology, University of Patras.

4. Konstantinos Piperos (2017): Spatial behavior of the rock-dwelling snail *Albinaria*.
5. Panagiotis Sianis (2017): Paleoanthropological study of osteological material from tombs of the Classical era in Lefkada.
6. Iris Perganti (2018): Reproductive parameters of the presence of the Black-Winged Stilt at the wetlands of Aetoliko, during the migrating period of 2015.
7. Ioanna Vazoura (2018): Monitoring of the tempo-spatial changes and evaluation of the conservation status of the habitat types, using GIS.

In progress:

1. Danae Androulidaki: Living characteristics of terrestrial snails along an altitudinal cline on Mt. Chellmos.

5. *PhD THESES*

Member of the Supervising Committee of the following **PhD Theses**:

1. Onoufrios Mettouris: Population and behavioural ecology in newt species (Amphibia, Urodela). Department of Biology, University of Patras (completed in 2016).
2. Nikolaos-Evangelos Karantanis: Adaptive patterns and processes in mammalian arboreality. Department of Biology, Aristotle University of Thessaloniki (under completion).

IV. SCIENTIFIC EXPERIENCE

1. PARTICIPATION IN SCIENTIFIC PROJECTS

- 1993-1994** Scientific Collaborator within the framework of the project “**Inventory, Identification, Evaluation and Mapping of the Habitat Types and of the flora and fauna species in Greece (Directive 92/43/EEC)**”. CEC Contract No. B4-3200/94/756. Financed mainly by the EU and implemented by scientific teams of the Departments of Biology of the Universities of Athens, of Thessaloniki and of Patras, under the coordination of the Greek Biotope/Wetland Centre and The Goulandris Museum of Natural History.
- 1997-1998** Scientific Collaborator in the Project “**A monitoring project of vertebrate species (fish and birds excluded) and their activities in the broader area of the new Athens International Airport**”.

“Eleftherios Venizelos”: Agreement No 10, on behalf of “Athens International Airport” – Funded by the Ministry of Environment, Physical Planning and Public Works, through the Research Committee of the Univ. of Patras.

- 1998-1999** Scientific Collaborator in the Project **“A monitoring project of vertebrate species (fish and birds excluded) and their activities in the broader area of the new Athens International Airport “Eleftherios Venizelos”**: Agreement No 17”, on behalf of “Athens International Airport” – Funded by the Ministry of Environment, Physical Planning and Public Works, through the Research Committee of the Univ. of Patras.
- Scientific Collaborator in the Project **“EPET II Measure 2.4”** entitled: **“Project ‘Flora Hellenica’ Database”** – Funded by the Ministry of Development, General Secretariat of Research and Technology, through the Research Committee of the Univ. of Patras. I contributed to the implementation of the project database.
- 2001-2004** Scientific Collaborator in the Scientific Project **“Project - EURO+MED PlantBase”**, (Co EVR1-2000-40004 EURO+MED). – Funded by the EU, through the Research Committee of the Univ. of Patras. I contributed to the implementation of the relevant database, data entry and quality control, as well as to the designing of the relevant web page.
- 2002-2005** Scientific Collaborator in the Scientific Project **“K. Karatheodori”** (ID: 2994) **“Project ‘Flora Hellenica’ Database”**. – Funded by the Research Committee of the Univ. of Patras.
- 2003-2004** Scientific Collaborator in the Scientific Project **“Location and description of endemic, rare and interesting animals of Kefalonia and Ithaki – New photographic material and database creation”** – Co-funded by the Ministry of Environment, Physical Planning and Public Works and the Museum of Natural History of Kefalonia and Ithaki. Participation in the field work of the project, as well as in the designing and implementation of the relevant database, which was used for project data entry.
- Scientific Collaborator in the Scientific Project **“Evaluation and Promotion of the Biodiversity of Mt. Panachaiko”**. – Financed by the Ministry of Environment, Physical Planning and Public Works.
- 2005-2007** Scientific Collaborator in the Project **“Monitoring Programme in the area of the Athens International Airport – Phase C”**, on behalf of “Athens International Airport” – Funded by the Ministry

of Environment, Physical Planning and Public Works, through the Research Committee of the Univ. of Patras.

- 2006-2008** Scientific Collaborator in the Project "**R+T Greece-Albania Cooperation**", entitled "**Zoogeographical, ecological and cytological study of natural populations of the genera *Microtus* and *Mus* (Rodentia, Muridae) in Albania and NW Greece**" - Funded by the Ministry of Development, General Secretariat of Research and Technology.
- 2007-2008** Scientific collaborator in the preparation of the 2nd six-year report (2001-2006), under the enforcement of the Habitat Directive (Directive 92/43/EEC). – Funded by the Greek Biotope/Wetland Centre.
- 2009-2011** Scientific Collaborator in the Scientific Project "**K. Karatheodori**" (ID: c565) "**Study of the Phylogenetic relationships of the chromosomal races of *Microtus thomasi*, using cytogenetic methods**". – Funded by the Research Committee of the Univ. of Patras.
- 2010-2012** Scientific Collaborator in the Scientific Project "**Zoogeographical, ecological and karyological study of mammals of the Order Rodentia, Insectivora and Carnivora (Mammalia) in the Prefecture of Gjirokastra**" in the framework of the National Programme "Biodiversity and Environment". Supervisor: Dr. Gligor Paspali, Lecturer. Funding: Agency of Research, Technology and Innovation of Albania.
- 2014-2015** Member of the scientific team for the **Strategic Environmental Impact Assessment Study for the research and exploitation of hydrocarbons at the land area "NW Peloponnese"**. Funding: EPPERAA-YPEKA.
- 2015** Scientific supervisor of the project unit "**Recording, Monitoring and Assessment of the Conservation Status of the Mammalian species of Community Interest, as well as of those with particular value (Balkan, Greek or local endemics and species protected by international conventions and national legislation**" of the scientific project "**Monitoring of the animal species of the 92/43/EEC and 79/409/EEC Directives in the National Park of Chelmos-Vouraikos**". Funding: Management Body of the National Park of Chelmos-Vouraikos, via the Research Committee of the University of Patras (code: e393).

- 2017** **Scientific advisor of EXERGEIA S.A., Energy and Environment Consultants for the project “Trans Adriatic Pipeline (TAP), small mammal surveys at the Evros compressor station site February 2017”, on behalf of RSK Environmental Limited.**
- 2018** **Scientific advisor of EXERGEIA S.A., Energy and Environment Consultants for the project “Implementation of a study on the environmental and social impacts of the construction work ‘IGI High pressure pipeline Komotini-Thesprotia”.**

2. SCIENTIFIC PUBLICATIONS

(parentheses contain the journal Impact Factor, based on the 2017 Journal Citation Reports, as well as the number of citations. Self-citations have been omitted).

2.1. PhD THESIS

- 1. MITSAINAS GEORGE** 2006: Chromosomal evolution of the house mouse *Mus musculus domesticus* in the Robertsonian system of Western Peloponnese – Dept. of Biology, Univ. of Patras, Patras, Greece. 324 p.

2.2. ORIGINAL PUBLICATIONS IN INTERNATIONAL, PEER-REVIEWED SCIENTIFIC JOURNALS

- 1. MITSAINAS, G.P. & GIAGIA-ATHANASOPOULOU, E.B.** 2005: Studies on the Robertsonian chromosomal variation of *Mus musculus domesticus* (Rodentia, Muridae) in Greece. – Biological Journal of the Linnean Society, 84(3): 503-513.
- 2. ROVATSOS, M.Th., MITSAINAS, G.P., TRYFONOPOULOS, G.A., STAMATOPOULOS, K. & GIAGIA-ATHANASOPOULOU, E.B.** 2008: A chromosomal study on Greek populations of the genus *Apodemus* (Rodentia, Muridae) reveals new data on B chromosome distribution. – Acta Theriologica, 53(2): 157-167.
- 3. ROVATSOS, M.Th., MITSAINAS, G.P., STAMATOPOULOS, K. & GIAGIA-ATHANASOPOULOU, E.B.** 2008: First reports of XXY aneuploidy in natural populations of the underground vole *Microtus thomasi* (Rodentia: Arvicolidae) from Greece. – Mammalian Biology, 73: 342-349.
- 4. MITSAINAS, G.P., ROVATSOS, M.Th., KARAMARITI, I., STAMATOPOULOS, K. & GIAGIA-ATHANASOPOULOU, E.B.** 2008: Chromosomal studies on Greek populations of four small rodent species – Folia Zoologica, 57(4): 337-346.

5. BAREKA, P., **MITSAINAS, G.P.**, CONSTANTINIDIS, Th. & KAMARI, G. 2008: Phytokaryon: A karyological database of European and Mediterranean plants – *Flora Mediterranea*, 18: 109-116 349.
6. **MITSAINAS, G.P.**, ROVATSOS, M.Th., RIZOU, E.I. & GIAGIA-ATHANASOPOULOU, E.B. 2009: Sex chromosome variability outlines the pathway to the chromosomal evolution in *Microtus thomasi* (Rodentia, Arvicolinae) – *Biological Journal of the Linnean Society*, 96: 685-695.
7. **MITSAINAS, G.P.**, TRYFONOPOULOS, G., THANOU, E., BISA, R., FRAGUEDAKIS-TSOLIS, S. & CHONDROPOULOS, B. 2009: New data on the distribution of *Mus spicilegus* Petenyi, 1882 (Rodentia, Muridae) and a distinct mtDNA lineage in the southern Balkans – *Mammalian Biology*, 74: 351-360.
8. ACOSTA, M.J., MARCHAL, J.A., **MITSAINAS, G.P.**, ROVATSOS, M.Th., FERNÁNDEZ-ESPARTERO, C.H., GIAGIA-ATHANASOPOULOU, E.B., SÁNCHEZ, A. 2009: A new pericentromeric repeated DNA sequence in *Microtus thomasi* – *Cytogenetics and Genome Research*, 124(1): 27-36.
9. REBUZZINI, P., CASTIGLIA, R., NERGADZE, S.G., **MITSAINAS, G.P.**, MUNCLINGER, P., ZUCCOTTI, M., CAPANNA, E., REDI, C.A. & GARAGNA, S. 2009: Quantitative variation of LINE-1 sequences in five species and three subspecies of the subgenus *Mus* and in five Robertsonian races of *Mus musculus domesticus* – *Chromosome Research*, 17:65-76.
10. **MITSAINAS, G.P.** & GIAGIA -ATHANASOPOULOU, E.B. 2009: Possible involvement of whole-arm reciprocal translocations (WARTs) in the evolution of a *Mus musculus domesticus* Rb system from Greece – *Rendiconti Lincei – Scienze Fisiche e Naturali*, 20: 153-162.
11. **MITSAINAS, G.P.**, ROVATSOS, M.Th, & GIAGIA -ATHANASOPOULOU, E.B. 2009: The HSR and heterochromatin distribution in natural populations of *Mus musculus domesticus* (Rodentia: Murinae) from Greece – *Caryologia*, 62(1): 53-61.
12. **MITSAINAS, G.P.**, ROVATSOS, M.Th. & GIAGIA-ATHANASOPOULOU, E.B. 2010: Heterochromatin study and geographical distribution of *Microtus* species (Rodentia, Arvicolinae) in Greece – *Mammalian Biology*, 75: 261-269.
13. ROVATSOS, M.Th., **MITSAINAS, G.P.**, PASPALI, G., ORUÇI, S. & GIAGIA-ATHANASOPOULOU E.B. 2011: Geographical distribution and chromosome study of the underground vole *Microtus thomasi* in Albania and Montenegro – *Mammalian Biology*, 76: 22-27.
14. GIAGIA-ATHANASOPOULOU, E.B., ROVATSOS, M.Th., **MITSAINAS, G.P.**, MARTIMIANAKIS, S., LYMBERAKIS, P., ANGELOU, L.-X.D., MARCHAL, J.A. & SÁNCHEZ, A. 2011: New data on the evolution of the Cretan spiny mouse, *Acomys minous* (Rodentia, Murinae), shed light on the

- phylogenetic relationships in the *cahirinus* group – Biological Journal of the Linnean Society, 102(3): 498-509.
15. CHMATAL, L., GABRIEL, S.I., **MITSAINAS, G.P.**, MARTINEZ-VARGAS, J., VENTURA, J., SEARLE, J.B., SCHULTZ, R.M. & LAMPSON, M.A. (2014): Centromere strength provides the cell biological basis for meiotic drive and karyotype evolution in mice – Current Biology, 24(19): 2295-2300.
 16. DIDION, J.P., MORGAN, A.P., YADGARY, L., BELL, T.A., MCMULLAN, R.C., ORTIZ DE SOLORZANO, L., BRITTON-DAVIDIAN, J., BULT, C.J., CAMPBELL, K.J., CASTIGLIA, R., CHING, Y.-H., CHUNCO, A.J., CROWLEY, J.J., CHESLER, E.J., FÖRSTER, D.W., FRENCH, J.E., GABRIEL, S.I., GATTI, D.M., GARLAND, T., GIAGIA-ATHANASOPOULOU, E.B., GIMÉNEZ, M.D., GRIZE, S.A., GÜNDÜZ, İ., HOLMES, A., HAUFFE, H.C., HERMAN, J.S., HOLT, J.M., HUA, K., JOLLEY, W.J., LINDHOLM, A.K., LÓPEZ-FUSTER, M.J., **MITSAINAS, G.P.**, DA LUZ MATHIAS, M., MCMILLAN, L., RAMALHINHO, M.D.G.M., REHERMANN, B., ROSSHART, S.P., SEARLE, J.B., SHIAO, M.-S., SOLANO, E., SVENSON, K.L., THOMAS-LAEMONT, P., THREADGILL, D.W., VENTURA, J., WEINSTOCK, G.M., POMP, D., CHURCHILL, G.A., PARDO-MANUEL DE VILLENA, F. (2016): R2d2 Drives Selfish Sweeps in the House Mouse – Molecular Biology and Evolution, 33: 1381-1395.
 17. GARCÍA-RODRÍGUEZ, O., ANDREOU, D., HERMAN, J.S., **MITSAINAS, G.P.**, SEARLE, J.B., BONHOMME, F., HADJISTERKOTIS, E., SCHUTKOWSKI, H., STAFFORD, R., STEWART, J.R. & HARDOUIN, E.A. (2018): Cyprus as an ancient hub for house mice and humans – Journal of Biogeography, DOI: 10.1111/jbi.13458.

2.3. OTHER ORIGINAL PUBLICATIONS

1. BAREKA, P., **MITSAINAS, G.** & KAMARI, G. 2003: PhytoKaryon: The karyological resource for Euro-Mediterranean plant taxa. – OPTIMA Newsletter, 37: 28-29.
2. KAMARI, G., **MITSAINAS, G.** & XANTHAKIS, M. 2015: The National Park of Mt. Aenos and its Management Body. – I Physi, 150: 35-41 [in Greek].

2.4. BOOK CHAPTERS

- POIRAZIDIS, K., KAZANTZIDIS, S., GIANNAKOPOULOS, A. & **MITSAINAS, G.** (2012): Forest Fauna. Book title: The forest. An integrated

approach. Papageorgiou, A.H., Karetsos, G. & Katsadorakis, G. (eds). – WWF Greece, Athens p. 43-60 [in Greek].

- **MITSAINAS, G.** (2016): The fauna of Mt. Aenos. Book title: The mountain Aenos of Cephalonia island: History-Physiography-Biodiversity. Phitos, D., Kamari, G., Katsouni, N. & Mitsainas, G. (eds). – Management body of National Park of Mt. Aenos, p. 227-270 (Greek edition) & p. 217-258 (English edition).

V. PARTICIPATION IN CONGRESSES/MEETINGS

(No. 8, 11, 13, 30 33, 48 & 49 constitute oral presentations).

1. **MITSAINAS, G.P.** and E.B. GIAGIA-ATHANASOPOULOU 1997: Karyotypic study of feral populations of the house mouse, *Mus musculus domesticus*. – 19th Panhellenic Meeting of the Hellenic Society of Biological Sciences (H.S.B.S.) and 1st Biological Meeting of Balkan countries, Thessaloniki, Greece.
2. **MITSAINAS, G.P.** and E.B. GIAGIA-ATHANASOPOULOU 1998: Geographical distribution of Rb populations of the house mouse *Mus musculus domesticus* in Greece. – 20th Panhellenic Meeting of the Hellenic Society of Biological Sciences (H.S.B.S.), Samos, Greece.
3. **MITSAINAS, G.P.**, TRYFONOPOULOS, G.A., TSEKOURA, K.S., FRAGUEDAKIS-TSOLIS, S.E., CHONDROPOULOS, B.P. and A.S. ANAGNOSTOPOULOS 1999: A monitoring project of vertebrate species (fish and birds excluded) and their activities in the broader area of the Athens International Airport “Eleftherios Venizelos”. – 8th International Congress on the Zoogeography and Ecology of Greece and adjacent regions (8th ICZEGAR), Kavala, Greece.
4. **MITSAINAS, G.P.** and E.B. GIAGIA-ATHANASOPOULOU 1999: Karyotypic study and cytogeography of *Mus musculus domesticus* populations with emphasis on the Rb-system of NW-W Peloponnisos. – 8th International Congress on the Zoogeography and Ecology of Greece and adjacent regions (8th ICZEGAR), Kavala, Greece.
5. RIZOU, E.I, **MITSAINAS, G.P.**, STAMATOPOULOS, C. and E.B. GIAGIA-ATHANASOPOULOU 1999: Geographical distribution of M.(T.) *thomasi* karyomorphs in Greece. – 8th International Congress on the Zoogeography and Ecology of Greece and adjacent regions (8th ICZEGAR), Kavala, Greece.
6. **MITSAINAS, G.P.** and E.B. GIAGIA-ATHANASOPOULOU. 2002: A first report of HSR and another chromosomal polymorphism in *Mus musculus domesticus* populations from Greece. – 9th International Congress on the

- Zoogeography and Ecology of Greece and adjacent regions (9th ICZEGAR), Thessaloniki, Greece.
7. RIZOU, E.I, **MITSAINAS, G.P.**, STAMATOPOULOS, C. and E.B. GIAGIA-ATHANASOPOULOU 2002: Sex chromosomes polymorphism of *Microtus (Terricola) thomasi* in Greece. – 9th International Congress on the Zoogeography and Ecology of Greece and adjacent regions (9th ICZEGAR), Thessaloniki, Greece.
 8. **MITSAINAS, G.P.** & GIAGIA-ATHANASOPOULOU, E.B. 2002: Current knowledge upon the distribution of the Robertsonian polymorphism in Greek populations of *Mus musculus domesticus* (Rodentia: Muridae). – 6th International Congress of Systematic and Evolutionary Biology (ICSEB VI) - “Biology in the Information Age”, Patras, Greece.
 9. RIZOU, E., GIAGIA-ATHANASOPOULOU, E.B. **MITSAINAS, G.P.** & STAMATOPOULOS, C. 2002: Chromosomal variability and cytogeography of the vole *Microtus thomasi* (Rodentia:Arvicolidae) in Greece. – 6th International Congress of Systematic and Evolutionary Biology (ICSEB VI) - “Biology in the Information Age”, Patras, Greece.
 10. GIAGIA-ATHANASOPOULOU, E.B. & **MITSAINAS, G.P.**, STAMATOPOULOS, C. & RIZOU, E.I. 2003: Contribution to the karyological knowledge of the genus *Microtus* (Rodentia, Arvicolidae) in Greece. – 4th European Congress of Mammalogy, Brno, Czech Republic.
 11. **MITSAINAS, G.P.** & GIAGIA-ATHANASOPOULOU, E.B. 2003: Contribution to the knowledge of the Robertsonian and non-Robertsonian chromosomal polymorphism of *Mus musculus domesticus* (Rodentia, Muridae) in Greece. – 4th European Congress of Mammalogy, Brno, Czech Republic.
 12. BAREKA, P., **MITSAINAS, G.P.**, VALEONTIS, E. & KAMARI, G. 2004: PhytoKaryon: an online database system, containing karyological and biosystematic data for the plants of the Euro-Mediterranean region. – IXth IOPB Meeting, Valencia, Spain.
 13. GIAGIA-ATHANASOPOULOU, E.B., **MITSAINAS, G.P.**, STAMATOPOULOS, C. & ROVATSOS, M.Th. 2005: Sex chromosome variability in the “thomasi” and “atticus” karyomorphs of the vole *Microtus thomasi* (Rodentia, Arvicolidae) from Greece. – 1st International Congress-International Cytogenetics and Genome Society, Granada, Spain.
 14. **MITSAINAS G.P.**, THANOU E., TRYFONOPOULOS G., FRAGUEDAKIS-TSOLIS S. & CHONDROPOULOS B. 2006: First records of the amphibian, reptilian and mammalian fauna of the Mesogeia area, (Attica Greece). – 10th International Congress on the Zoogeography and Ecology of Greece and adjacent regions (10th ICZEGAR), Patras, Greece.

15. **MITSAINAS G.P.**, TRYFONOPOULOS G.A., KATSOUNI N., CHONDROPOULOS B.P. & GIAGIA-ATHANASOPOULOU E.B. 2006: A study on the vertebrate fauna of the Ionian islands Kefalonia and Ithaki. – 10th International Congress on the Zoogeography and Ecology of Greece and adjacent regions (10th ICZEGAR), Patras, Greece.
16. ROVATSOS M.Th., **MITSAINAS G.P.**, STAMATOPOULOS A. & GIAGIA-ATHANASOPOULOU E.B. 2006: Chromosomal studies on Greek populations of the genus *Apodemus* (Rodentia, Muridae) – 10th International Congress on the Zoogeography and Ecology of Greece and adjacent regions (10th ICZEGAR), Patras, Greece.
17. KARAMARITI I., ROVATSOS M.Th., **MITSAINAS G.P.**, STAMATOPOULOS A. & GIAGIA-ATHANASOPOULOU E.B. 2006: Chromosomal studies on Greek populations of four small rodent species. – 10th International Congress on the Zoogeography and Ecology of Greece and adjacent regions (10th ICZEGAR), Patras, Greece.
18. ACOSTA, M.J., ROVATSOS, M.Th., **MITSAINAS, G.P.**, BULLEJOS, M., GIAGIA-ATHANASOPOULOU, E.B. & SANCHEZ, A. 2007: Molecular and cytogenetic characterization of several repeat DNA sequences in *M. thomasi* from Greece. – 5th European Congress of Mammalogy, Siena, Italy.
19. ROVATSOS, M.Th., **MITSAINAS, G.P.**, STAMATOPOULOS, C. & GIAGIA-ATHANASOPOULOU, E.B. 2007: Two cases of XXY aneuploidy in the ‘atticus’ chromosomal race of the underground vole *Microtus thomasi* from Greece – 5th European Congress of Mammalogy, Siena, Italy.
20. ROVATSOS, M.Th., **MITSAINAS, G.P.**, STAMATOPOULOS, C. & GIAGIA-ATHANASOPOULOU, E.B. 2007: Reproduction and fertility studies between two chromosomal races of *Microtus thomasi* from Greece. – 5th European Congress of Mammalogy, Siena, Italy.
21. **MITSAINAS, G.P.**, & GIAGIA-ATHANASOPOULOU, E.B. 2007: Possible involvement of a Whole Arm Reciprocal Translocation (WART) in the evolution of an Rb system of *Mus musculus domesticus* from Greece. – 5th European Congress of Mammalogy, Siena, Italy.
22. KAMARI, G., **MITSAINAS, G.P.**, BAREKA., P., CONSTANTINIDIS, Th. 2007: PhytoKaryon: a karyological database of European and Mediterranean plants. – XII OPTIMA Meeting, Pisa, Italy.
23. MARCHAL, J.A., ACOSTA, M.J., FERNÁNDEZ-ESPARTERO, C.H., ROMERO, I., ROVATSOS, M.Th., **MITSAINAS, G.P.**, BULLEJOS, M., GIAGIA-ATHANASOPOULOU, E.B., SÁNCHEZ, A. 2008: Estudio de secuencias repetidas (ADN satélites y retrotransposones) en el genoma de la especie *Microtus thomasi*. – V Seminario de Citogenética, Cadiz, Spain.

24. ROVATSOS M.Th., **MITSAINAS G.P.**, PASPALI, G., ORUCI, S., AGGELOU, L-K.D. & GIAGIA-ATHANASOPOULOU, E.B. 2008: Geographical distribution and chromosomal study of three species of the genus *Apodemus* from Greece and Albania – 30^o Panhellenic Meeting of the Hellenic Society of Biological Sciences (H.S.B.S.), Thessaloniki, Greece.
25. ROVATSOS M.Th., **MITSAINAS G.P.**, PASPALI, G., ORUCI, S., AGGELOU, L-K.D. & GIAGIA-ATHANASOPOULOU, E.B. 2008: Chromosomal study of rodents of the fauna of Mt Varnous. – 4th Panhellenic Congress “Current trends in Ecology research”, Volos, Greece.
26. ROVATSOS M.Th., **MITSAINAS G.P.**, KARAMARITI, E., LYMBERAKIS P. & GIAGIA-ATHANASOPOULOU, E.B. 2008: Chromosomal study of the endemic spiny mouse *Acomys minous*. – 4th Panhellenic Congress “Current trends in Ecology research”, Volos, Greece.
27. ROVATSOS, M.Th., **MITSAINAS, G.P.**, PASPALI, G., ORUCI, S. & GIAGIA-ATHANASOPOULOU E.B. 2009: Geographical distribution and chromosome study of the underground vole *Microtus thomasi* in Albania and Montenegro. – 11th International Congress on the Zoogeography and Ecology of Greece and adjacent regions (11th ICZEGAR), Herakleion, Crete, Greece.
28. **MITSAINAS, G.P.**, PHOTIOU, D.H., AGGELOU, L.-K.D. & GIAGIA-ATHANASOPOULOU E.B. 2010: First report of supernumerary chromosomes in the karyotype of the rat, *Rattus rattus* (Rodentia, Murinae) from Greece (under preparation) – 32nd Scientific Congress of the Hellenic Society of Biological Sciences, Karpenisi, Greece.
29. **MITSAINAS, G.P.**, PHOTIOU, D.H., GIAGIA-ATHANASOPOULOU E.B. 2010: New data on the Robertsonian (Rb) system of the house mouse *Mus musculus domesticus* (Rodentia: Murinae) in Epirus – 5th Panhellenic Ecology Meeting, Patras, Greece.
30. **MITSAINAS, G.P.**, ROVATSOS, M.Th. & GIAGIA-ATHANASOPOULOU, E.B. 2011: Classical cytogenetic techniques still provide a wealth of data of phylogenetic value: Recent evidence from the Greek mammalian fauna – 7th International Congress of Systematic and Evolutionary Biology (ICSEB VII), Berlin, Germany.
31. **MITSAINAS. G.P.** & GIAGIA-ATHANASOPOULOU, E.B. 2011: More is yet to be revealed on the Robertsonian (Rb) variability of the house mouse *Mus musculus domesticus* (Rodentia, Murinae): New data on the Rb system of Epirus, Greece – 6th European Congress of Mammalogy, Paris, France.
32. **MITSAINAS, G.P.**, MANOUSOPOULOU, A. & GIAGIA-ATHANASOPOULOU, E.B. 2013: New data on the Robertsonian (Rb) chromosomal variation of the house mouse *Mus musculus domesticus* (Rodentia:

- Muridae) from Greece. – 87th Annual Meeting of the German Society of Mammalogy, Prague, Czech Republic.
33. **MITSAINAS, G.P.** 2014: The study of the Robertsonian (Rb) variation in the house mouse, *Mus musculus domesticus*, from Greece: Past, Present and Future. – 14th Rodens et Spatium, Lisbon, Portugal (**invited speaker**).
 34. MIGLI, D., ROUSSINOS, G., RIGOGIANNIS, P., & **MITSAINAS, G.** 2015: A status assessment of the mesocarnivores (Mammalia: Carnivora) in Chelmos-Vouraikos National Park and Geopark. – 13th International Congress on the Zoogeography and Ecology of Greece and adjacent regions (13th ICZEGAR), Herakleion, Crete.
 35. PAPADATOU, E., DIMITRAKOPOULOS, A., KAMILARI, M., ROUSSINOS, G., MIGLI, D. & **MITSAINAS, G.** 2015: Preliminary results on the small mammal fauna (Chiroptera – Rodentia) of Chelmos-Vouraikos National Park and Geopark. – 13th International Congress on the Zoogeography and Ecology of Greece and adjacent regions (13th ICZEGAR), Herakleion, Crete.
 36. PAPADATOU, E., YOULATOS, D., MIGLI, D., LYSITSA, G. & **MITSAINAS, G.** 2015: Bats (Mammalia: Chiroptera) of Cephalonia Island, Greece. – 13th International Congress on the Zoogeography and Ecology of Greece and adjacent regions (13th ICZEGAR), Herakleion, Crete.
 37. SKOURA, A. & **MITSAINAS, G.** 2015: Novel discoveries, concerning the Robertsonian (Rb) chromosomal variability of the house mouse *Mus musculus domesticus* (Rodentia: Muridae) in Peloponnese, Greece. – 13th International Congress on the Zoogeography and Ecology of Greece and adjacent regions (13th ICZEGAR), Herakleion, Crete.
 38. SMYRILIOU-ZERVA, M., DIMALEXIS, T. & **MITSAINAS, G.** 2015: Preliminary results on the dietary habits of the European otter *Lutra lutra* (Carnivora: Mustelidae) in Lake Stymfalia, Peloponnese. – 13th International Congress on the Zoogeography and Ecology of Greece and adjacent regions (13th ICZEGAR), Herakleion, Crete.
 39. PAPPA, I., ILIOPOULOS, G., **MITSAINAS G.** & SARANTI F. 2016: Palaeoanthropological study from Early and Middle Bronze Age burial sites from Nafpaktos Greece: preliminary results. – 1st International Meeting of Early-stage Researchers in Palaeontology (1st IMERP), Alpuente, Valencia, Spain.
 40. ASSIMAKOPOULOS, E. & **MITSAINAS, G.P.** 2016: Preliminary results on the cytogenetic study of wild populations of the blind mole rat (*Nannospalax*, Spalacinae, Rodentia) in Greece. – 15th Rodens et Spatium, Olomouc, Czech Republic.

41. MANTA, N. & **MITSAINAS, G.P.** 2016: New data on the Robertsonian system of the house mouse, *Mus musculus domesticus* (Rodentia: Muridae) from Peloponnese. – 15th Rodens et Spatium, Olomouc, Czech Republic.
42. ROUSSETI, G. & **MITSAINAS, G.P.** 2016: Chromosomal variation of the house mouse, *Mus musculus domesticus* (Rodentia: Muridae), in E. Sterea Ellada, Greece, due to Robertsonian (Rb) fusions. – 15th Rodens et Spatium, Olomouc, Czech Republic.
43. KAZANIS, I., ANDREOPOULOU, E., MCCLENAHAN, F & **MITSAINAS, G.P.** 2016: Where does size matter? Common and different aspects in the life of adult neural stem cells in the mouse and the rat brain. – 15th Rodens et Spatium, Olomouc, Czech Republic.
44. ANDREOPOULOU, E., **MITSAINAS, G.P.** & KAZANIS, I. 2016: Comparison of Neural Stem Cell activity in the adult brain of “lab” and “wild” mice. – 15th Rodens et Spatium, Olomouc, Czech Republic.
45. REKOUTI, E., **MITSAINAS, G.P.**, AVRAMIDIS, P., SPANOU, S. & VOUGIOUKLAKIS, S. 2016: Preliminary results on the architecture and use of burrow systems by Thomas’ pine vole, *Microtus thomasi* (Rodentia: Arvicolinae). – 15th Rodens et Spatium, Olomouc, Czech Republic.
46. ANDREOPOULOU, E., **MITSAINAS, G.P.** & KAZANIS, I. 2016: Comparison of Neural Stem Cell activity in the adult brain of “lab” and “wild” mice. – 67th Panhellenic Conference of the Hellenic Society for Biochemistry and Molecular Biology, Ioannina, Greece.
47. PAPPA, I., SARANTI, E., MITSAINAS, G. & ILIOPOULOS G. 2017: Osteological study of Bronze and Early Paleochristian Age: Human and animal material from eastern Nafpaktos. – 2nd International Meeting of Early-stage Researchers in Palaeontology, Sigri, Lesvos, Greece.
48. REKOUTI, E., AVRAMIDIS, P., SPANOU, S., VOUGIOUKLAKIS, S., GIOKAS & **MITSAINAS, G.P.** 2018: Burrow system architecture and use by Thomas’ pine vole, *Microtus thomasi* (Rodentia: Arvicolinae) – 6th International Conference of Rodent Biology and Management and 16th Rodens et Spatium, Potsdam, Germany.
49. ASSIMAKOPOULOS, E. & **MITSAINAS, G.P.** 2018: The chromosomal variability of lesser blind mole-rat populations (*Nannospalax*, Spalacinae, Rodentia) in Greece– 6th International Conference of Rodent Biology and Management and 16th Rodens et Spatium, Potsdam, Germany.
50. TETOROU, K, ATSOPARDI, K., RUNGO, S., PANAGOPOULOS, N.T., **MITSAINAS, G.P.** & MARGARITY, M. 2018: A study of behavioral and biochemical indicators in brain regions of the vole *Microtus thomasi* (Rodentia, Arvicolinae), following the induction of epileptic seizures– 6th International

- Conference of Rodent Biology and Management and 16th Rodens et Spatium, Potsdam, Germany.
51. CHORBA, K., GAREFALAKI, J. & **MITSAINAS, G.P.** 2018: The traits of contact zones between different Chromosomal races of *Mus musculus domesticus* (Rodentia: Muridae) in two Robertsonian (Rb) systems of Greece– 6th International Conference of Rodent Biology and Management and 16th Rodens et Spatium, Potsdam, Germany.
 52. KOLIA, K. & **MITSAINAS, G.P.** 2018: Karyological study of the house mouse, *Mus musculus domesticus* (Rodentia, Muridae), at the Robertsonian (Rb) system of Ipiros, Greece – 6th International Conference of Rodent Biology and Management and 16th Rodens et Spatium, Potsdam, Germany.
 53. TSELE, N. & **MITSAINAS, G.P.** 2018: New records of Robertsonian (Rb) variability in Greek house mouse, *Mus musculus domesticus* (Rodentia: Muridae), populations from S Sterea Ellada– 6th International Conference of Rodent Biology and Management and 16th Rodens et Spatium, Potsdam, Germany.
 54. KOUTROUDITSOU, L., **MITSAINAS, G.P.** & GIOKAS S. (2018): Study of the spatial distribution and abundance of the amphibians in the Chelmos-Vouraikos protected area – 9th Panhellenic Congress of Ecology, Heraklion, Crete.
 55. PANAGIOTOPOULOS, A., TZORTZAKAKI, O. & **MITSAINAS, G.P.** (2018): The study of amphibians and reptiles on Mt. Erymanthos – 9th Panhellenic Congress of Ecology, Heraklion, Crete.
 56. PATROU, M., VITHOULKAS, Th., KOLENDRIANOU, M., KATSIYIANNIS Ph.V., **MITSAINAS G.P.** & ILIOPOULOS G. (2018): First data on the diet of a couple of *Athene noctua* (Scopoli, 1769) from an area of Achaia, from two consecutive years. – 9th Panhellenic Congress of Ecology, Heraklion, Crete.
 57. SMYRILIOU-ZERVA, M., PASPALI, G., ILIOPOULOS, G. & **MITSAINAS, G.P.** (2018): Preliminary results on the dietary habits of *Tyto alba* (Scopoli, 1769) from localities in Greece and Albania – 9th Panhellenic Congress of Ecology, Heraklion, Crete.

VI. PARTICIPATION IN SEMINARS/OTHER SCIENTIFIC EVENTS AS A SPEAKER

1. **MITSAINAS, G.P.** & GIAGIA-ATHANASOPOULOU, E.B.. 2007: The vertebrate fauna of Kefalonia and Ithaki Islands. – Meeting “Kefalonia: Environmental day 2007”, Corgialenios Library, Argostoli, Cephalonia, Greece.

2. **MITSAINAS, G.P. & KAMARI G.** 2008: The significance of the Management Body of the National Park of Aenos. – Meeting on the National Park of Aenos, organized by the Piraeus brotherhood of Kefalenians and Ithakesians, Greece.
3. **MITSAINAS, G.P.** 2008: Highlights from the fauna of Cephalonia & Ithaki. – Meeting on Organic Farming and Environmental Sustainability, European Network of Organic Agriculture Students (ENOAS), Argostoli, Cephalonia.
4. **MITSAINAS, G.P.** 2010: Status of the biodiversity of the Greek Fauna. – Meeting by the Management Body of the National Park of Mt. Ainos “Cephalonia: World Environment Day and 2010 International Year of Biodiversity”, Mt. Ainos, Cephalonia, Greece.
5. **MITSAINAS, G.P.** 2010: Management Bodies of Protected Areas: National Park of Mt. Ainos. – Work Meeting of the Union of Greek Prefectures, Argostoli, Cephalonia, Greece.
6. **MITSAINAS, G.P.** 2012: Action plan implementation by the Management Body of Ainos National Park. – Meeting, organized by the Management Body of the National Park of Mt. Ainos “50 years National Park of Mt. Ainos – 10 years Management Body”, Travliata, Cephalonia, Greece.
7. **GIAGIA-ATHANASOPOULOU, E.B. & MITSAINAS, G.P.** 2012: Recording and Monitoring of the Fauna of the National Park of Mt. Ainos. – Meeting, organized by the Management Body of the National Park of Mt. Ainos “50 years National Park of Mt. Ainos – 10 years Management Body”, Travliata, Cephalonia, Greece.
8. **KAMARI, G.KAMAPH Γ. & MITSAINAS, G.P.** 2013: Presentation of the Action Plan of the Management Body of the National Park of Mt. Ainos - – Meeting by the Management Body of Helmos-Vouraikos “Biodiversity and local product variety”, Kalavryta, Greece.
9. **MITSAINAS, G.P.** 2013: Presentation of the Action Plan of the Management Body of the National Park of Mt. Ainos. – Seminar of the Management Body of the National Park of Mt. Ainos “Let’s get acquainted with the world of mushrooms!”, Travliata, Cephalonia, Greece.
10. **PAPADATOU, E. & MITSAINAS, G.** 2014: The unfamiliar Chiroptera (bats) of Cephalonia. Meeting, organized by the Management Body of the National Park of Mt. Ainos “Actions of the Management Body of the National Park of Mt. Aenos”, Travliata, Cephalonia, Greece.
11. **MITSAINAS, G.** 2015: The shy inhabitants of the forests. Information day, organized by the Museums of the University of Patras “Protecting the forest”, Museum of Science and Technology, University of Patras, Rion, Greece.
12. **MITSAINAS, G.** 2016: False perceptions on the mammals and their implications. Seminar addressed to school educators, taking place at the

Center of Environmental Education of Klitoria, within the framework of the thematic unit “Wild fauna in danger”, Klitoria, Greece.

VII. REVIEWER IN SCIENTIFIC JOURNALS

I have reviewed papers, submitted for publication in the following scientific journals:

- Acta Zoologica Academiae Scientiarum Hungaricae (I.F.: 0.846)
- Acta Zoologica Lituanica
- Acta Theriologica (I.F. 0.968)
- Comparative Cytogenetics (I.F.: 1.319)
- Folia Zoologica (I.F.: 0.467)
- Gene (I.F.: 2.498)
- Hystrix-Italian Journal of Zoology (I.F.: 1.862)
- Journal of Genetics (I.F.: 0.672)
- Mammalia (I.F.: 0.714)
- Mammalian Biology (I.F.: 1.443)
- Pakistan Journal of Zoology (I.F.: 0.547)
- Turkish Journal of Zoology (I.F.: 0.558)
- Zoologia (I.F.: 0.723)

VIII. REVIEWER OF RESEARCH PROPOSALS

- I reviewed a research proposal, submitted for funding by the ‘Hungarian Scientific Research Fund (OTKA)’. Proposal title: “Genetic bases of cooperation and conflict in mice species with contrasting social systems (OTKA ID: 105326)”.
- I reviewed a scientific proposal within the framework of the ‘1st call of research projects ELIDEK for the support of Post-doctoral researchers

IX. OTHER SCIENTIFIC ACTIVITIES

1. ORGANIZATION OF CONGRESSES/MEETINGS

- Contribution to the financial management and secretarial support of the 6th International Congress of Systematic and Evolutionary Biology (ICSEB VI), which took place in Patras, Greece between 9-16 Sept. 2002.
- Contribution to the organization of the 10th International Congress on the Zoogeography and Ecology of Greece and adjacent regions (10th ICZEGAR), which took place in Patras, Greece between 26-30 Jun. 2006. –Design and implementation of the congress webpage (www.upatras.gr/zoogeography),

which also host the webpage of the Hellenic Zoological Society.

- Contribution to the organization of a meeting, hosted by the Management Body of the National park of Aenos “Kefalonia: Environmental Day, 2007”, which took place in 10.06.07 in the Corgialenios Library of Argostoli, Cephalonia.
- Contribution to the organization of a seminar, hosted by the Management Body of the National park of Aenos ‘Forest protection of the National Park of Aenos-Roudi’, which took place in 22.06.2008 in the headquarters of the Management Body, Cephalonia.

2. PARTICIPATION IN ROUND TABLES ETC.

- Participation and presentation of the Karyological Database “PhytoKaryon”, within the framework of the European Scientific Project “Project EURO+MED PlantBase”, which has been developed by the Research Team of the Dept. of Biology, Univ. of Patras. – Round Table organized in the context of the 6th International Systematic and Evolutionary Biology (ICSEB VI), Patras, (2002).
- Participation and presentation of the Karyological Database “PhytoKaryon”. – Round Table organized from the European scientific team of the above project in Sofia, Bulgaria (2002).
- Participation, following evaluation, in the Training School “Digitisation and data management challenges in small collections” in Sofia, Bulgaria (14-15.03.2019).

3. PARTICIPATION IN WORKSHOPS

- Participation and representation of the Scientific Team of the Dept. of Biology, Univ. of Patras within the framework of the European Scientific Project “Project EURO+MED PlantBase”, in three workshops, where representatives of the the collaborating scientific teams of 11 countries met: (1) Sofia, Bulgaria (2002), (2) Vienna, Austria (2003) (3) Reading, U.K. (2003).
- Participation and representation of the Scientific Team of the Dept. of Biology, Univ. of Patras, within the framework of the activities of Species Survival Commission (SSC) of the International Union for the Conservation of Nature – IUCN, which took place in Malaga, Spain, (29.10 - 02.11.2007), (Mediterranean Mammals Red List Workshop), the main meeting agenda being the threat status assessment for all terrestrial mammals of the countries of the Mediterranean region (IUCN Red List Criteria).

- Participation and representation of Greece in a workgroup meeting in Rome, Italy (25-26.11.2016), regarding the preparatory steps for the publication of the new edition of the “Atlas of European Mammals”.

4. PUBLICATION OF PROCEEDINGS – SCIENTIFIC JOURNALS – BOOKS – STUDIES

- Contribution to the preparation of the proceedings of the 10th ICZEGAR (2006), which were published in the ‘Journal of Natural History, 42(5-8): 1-720 (I undertook the correspondence with reviewers and authors for a part of the contributions and I helped with the improvement of the English language used in the manuscripts).
- Participation in the editing process of the scientific journal “Botanika Chronika” published by the Botanical Institute, Dept. of Biology, Univ. of Patras (text adaptation to journal editing requirements and press preparation of the volumes 15/2002, 16/2003, 17/2004, 18(2)/2005, 19/2008, 20/2010 and 21/2016, thorough correction of the English language of the manuscripts).
- Within the framework of the project “**Updated Version of the Red Data Book of the Threatened Animals of Greece**”, I participate in the research team along with E.B. Giagia-Athanasopoulou, and M.Th. Rovatsos for the account preparation of the mammal species *Spermophilus citellus*, *Microtus felteni*, *M. subterraneus*, *Arvicola terrestris*, *Micromys minutus* and *Apodemus witherbyi*.
- CHRISTANIS, K., IATROU, G., KOUKOUVELAS, I., LAMPRAKIS, N., PAPATHEODOROU, G., ARGYRIOU, A., PAPAETHYMIU, E., KARAPANAGIOTI, CH., NIKOLAKOPOULOS, K., SOKOS, E., KALAITZIDIS, S., MITSAINAS, G., CHRISTIA, CH., PATOUCHEA, A., STAVROPOULOS, X., TZIMA, M., MAIDA, P., SIGALOS, G. & DASAKLIS, S. (2014): Strategic Environmental Impact Assessment Study for the research and exploitation of hydrocarbons at the land area “NW Peloponnese . Submitted to EPPERAA-YPEKA, University of Patras, 431 pp.
- PHITOS, D., KAMARI, G., KATSOUNI, N. & MITSAINAS, G. (eds) 2016: The mountain Aenos of Cephalonia island: History-Physiography-Biodiversity. – Management Body of the National Park of Mt. Ainos, 333 pp. (Greek edition) & 318 pp. (English edition).

5. TRANSLATIONS

Translation into Greek of Chapter 32: Digestion and Nutrition (p. 992-1016) and of Chapter 33: Nervous Coordination: Nervous System and Sense Organs (p. 1017-1055) of the 3rd Greek edition (16th American edition) of the textbook: Integrated

Principles of Zoology (2015) by C.P. Hickman, Jr. L.S. Roberts, S.L. Keen, D.J. Eisenhour, A. Larson & H. L'Anson. – Editors of the Greek edition: E. Voultsiadou & A. Legakis, Utopia, Agia Paraskevi, Attiki.

6. COLLABORATION WITH RESEARCH TEAMS OF FOREIGN UNIVERSITIES/RESEARCH INSTITUTES

As part of my scientific activities, I have developed collaborations with researchers and research teams of foreign universities:

- Dr. Despoina Miltiadou, Assistant Professor, Department of Agricultural Sciences, Biotechnology and Food Science, Cyprus University of Technology, Cyprus.
- Dr. Ferhat Matur, Associate Professor, Dokuz Eylül University, Turkey.
- Dr. Demetra Andreou, Senior Lecturer, Environmental Science, University of Bournemouth, UK.
- Dr. Emilie Hardouin, Senior Lecturer, Conservation Genetics, University of Bournemouth, UK.
- Dr. Michael Lampson, Associate Professor, Department of Biology, University of Pennsylvania, USA.
- Prof. Fernando Pardo Manuel de Villena, School of Medicine, University of Carolina, USA.
- Prof. Jeremy B. Searle, Department of Ecology and evolutionary Biology, Cornell University, USA.
- Prof. Boris Kryštufek, Slovenian Museum of Natural History, Ljubljana, Slovenia.
- Prof. Antonio Sanchez, Departamento de Biología Experimental Facultad de Ciencias Experimentales Universidad de Jaén, Jaen, Spain.
- Prof. Silvia Garagna, Dipartimento di Biologia Animale, Università degli Studi di Pavia, Pavia, Italy.
- Prof. Ernesto Capanna, Dipartimento di Biologia Animale e dell'Uomo, Università "La Sapienza" di Roma, Rome, Italy.
- Gligor Paspali, Department of Biology and Chemistry, Section of Biology, University "Eqrem Cabej", Gjirokaster, Albania.
- Euro+Med PlantBase, mainly supervised by:
 - Prof. Werner Greuter, Botanischer Garten & Botanisches Museum Berlin-Dahlem, Germany.
 - Prof. Vernon Heywood & Dr Stephen L. Jury, Centre for Plant Diversity and Systematics, Plant Science Laboratories, The University of Reading, Reading, U.K.

- Prof. Francesco Maria Raimondo, Herbarium Mediterraneum Panormitanum, Dipartimento di Scienze Botaniche, Università di Palermo, Palermo, Italy.

As a result of these collaborations, publications in peer-reviewed journals and announcements in congresses have already been implemented (see sections IV-V of CV), and more will follow soon.

X. MEMBER OF SCIENTIFIC SOCIETIES

- Member of the Hellenic Zoological Society.
- Member of the International Union for the Conservation of Nature - IUCN (SSC).
- Member of the Deutsche Gesellschaft für Säugetierkunde (DGfS)

XI. ADMINISTRATIVE ACTIVITIES

Department of Biology, University of Patras

- 2014 - Member of the General Assembly of the Department
- 2014 - Member of the Committee for the Training Internships of the Department.
- 2014 - Member of the Scientific Committee of the Zoological Museum of the Department.
- 2014 - Presiding member of the Committee of the reading room of the Department
- 2014 - 2016 Supervisor for the maintenance of the building of the Department
- 2016 - Presiding member of the Committee for the maintenance of the building of the Department.
- 2019 - Presiding member of the Committee for the maintenance of the building of the Department.
- 2019- Member of the organizing committee of the annual meeting of the graduate students of the Dept. of Biology, University of Patras.

Other bodies

- 2013-2014 Secretary of the Board of the union 'Elliniki Fysi' of the employees of the Management Bodies of Protected areas of Greece.
- 2016-2018 Member as a scientific representative of the Board of the Management Body of the National Park of M. Ainos.

2016- Member of the coordinating body for the foundation of the Geopark of Cephalonia-Ithaki.

XII. FORMER EMPLOYMENT

- Between 08.05.2007 and 14.01.2014, I was employed as a Biologist, occupying the position of the Director/Coordinator of the Management Body of the National Park of Mt. Ainos, under a private contract. Because of my position, I've had increased administrative, financial and managerial duties. In particular, in collaboration with the President of the Executive Board, Prof. G. Kamari, I worked on the design of the action plan and on the submission of related proposals for funding by the 3rd Community Support Framework, 2000-2006 and the National Strategic Reference Framework (NSRF), 2007-2013, through the Operational Programme "Environment" and the Operational Programme "Environment and Sustainable Development", respectively. I was responsible for drawing up and observing the budget of each fiscal year and coordinated the personnel hiring procedures, equipment acquirement, supply of various services and the implementation of specific studies (e.g. Management Plan for the Protected Area). Also, within the framework of the activities of the personnel, I was responsible for the monitoring of the Fauna of the National Park of Mt. Ainos, emphasizing on mammals. Moreover, in collaboration with the Executive Board of the Body, I was responsible for the allocation of duties to the other members of the personnel and had undertaken the communication with the Management Authority of the Operational Programme "Environment and Sustainable Development", and other collaborating state offices. Finally, I participated in the Public Awareness activities, implemented by the Management Body, through the organization of meetings/seminars and the presentation of the work implemented by the Management Body.