

Curriculum Vitae

1. Personal Information

Surname: Psonis
Name: Nikolaos
Father's Name: Ippokratis
Mother's Name: Aristeia
Place of Birth: Kalamata, Peloponnisos, Greece
Date of Birth: 24/05/88
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2. Education

2012-Present: Environmental Biology PhD (Management of Terrestrial and Marine Biological Resources), Department of Biology, University of Crete.

2010-2012: Environmental Biology M.Sc. (Management of Terrestrial and Marine Biological Resources), Department of Biology, University of Crete.

Dissertation Title: Molecular Phylogeny and Phylogeography of the two “close related” snail genera *Helicigona* & *Campylaea* (Gastropoda: Pulmonata) in Greece. Under Dr. Poulakakis Nikos.

2006-2010: Biology B.Sc., Department of Biology, University of Crete.

Dissertation Title: Incorporation of genetic data in the biogeographical species-area relationship - a first approach. Under Dr. Poulakakis Nikos.

3. Excellence awards fellowships

2013: Academic Excellence Studentship (Manassaki Foundation) during my first year of doctorate studies (2012/2013) in the Biology Department of the University of Crete.

2012: 2nd prize for the best poster at the 12^o International Congress on the Zoogeography, Ecology and Evolution of Eastern Mediterranean (12th ICZEGAR), 18-22 June, Athens, Greece.

2011: Academic Excellence Studentship (State Scholarships Foundation) during my second year of master graduate studies (2011/2012) in the Biology Department of the University of Crete.

2011: Excellence prize (ANEK corp.) during my first year of master graduate studies (2010/2011) in the Biology Department of the University of Crete.

4. Lab experience

7/2009 - Present: Member of the Molecular Systematics Lab, Natural History Museum of Crete

- Wet lab (DNA Extraction, PCR, Sanger Sequencing, Gene Cloning, Genotyping).
- Sampling (many expeditions in the Greek mainland area, Crete and Aegean Islands).
- Bioinformatics (phylogeny reconstruction, divergence times estimation, species delimitation, biogeographic analyses, statistical tests, model selection).

5. Work experience

10/2014 – Present: Participation in field work, lab analyses and phylogenetic analyses concerning one of the target species of the European program “Adding more Ecology and Genomics in understanding of the biological Diversity: the role of islands as natural laboratories (EcoGenoDiv)”.

12/2013 – 9/2014: Digital Cataloguing of Biological Collections of the Natural History Museum of Crete. In the context of the European program “Hellenic Network for Biodiversity Research: Construction and operation of the national Lifewatch research infrastructure (ESFRI)”.

6. Teaching experience

2009-Present: Supervising (unofficial) of several bachelor and master students in the Molecular Systematics Lab, Natural History Museum of Crete.

30/04/2014: DNA extraction lab course in the context of the course “Evolutionary Ecology”, University of Crete, Department of Biology.

29/04/2012: Description of the Respiratory System in Mammals in the context of the course “Animal Physiology”, University of Crete, Department of Biology.

7. Participation in scientific meetings

2015: *7th Biennial Conference of the International Biogeography Society* 8-12 January, Bayreuth, Germany.

2014: *7th National Congress of Ecology “Ecology: Linking systems, scales and scientific fields”*, 9-12 October, Mytilini, Lesbos Island, Greece.

- 2013:** *SEH 17th European Congress of Herpetology*, 22-27 August, Veszprém, Hungary.
- 2012:** *12th International Congress on the Zoogeography, Ecology and Evolution of Eastern Mediterranean (12th ICZEGAR)*, 18-22 June, Athens, Greece.
- 2011:** *9th European Association of Vertebrate Paleontologists Annual Meeting*, 14-19 June, Heraklion, Crete, Greece.
- 2011:** *5th Biennial Conference of the International Biogeography Society*, 7-11 January, Heraklion, Crete, Greece.
- 2010:** *5th National Congress of Ecology "Ecological processes in space and time"*, 7-10 October, Patras, Peloponnesus, Greece.
- 2009:** *11th International Congress on the Zoogeography, Ecology and Evolution of Eastern Mediterranean (11th ICZEGAR)*, 21-25 September, Heraklion, Crete, Greece.

8. Participation in seminars, lectures and other meetings

- 2014:** *15th Annual meeting of Master Science of Environment*, 3 July, University of Crete - Biology Department, Hellenic Centre for Marine Research, Natural History Museum of Crete, Gouves, Heraklion, Crete, Greece.
- 2014:** *Data Management Workshop* in the context of the European program "Hellenic Network for Biodiversity Research: Construction and operation of the national Lifewatch research infrastructure (ESFRI)", 30 June - 2 July, Institute of Marine Biology and Genetics, Hellenic Centre for Marine Research, Gouves, Heraklion, Crete, Greece.
- 2014:** EMBO Practical Course on "*Computational Molecular Evolution*", 5 - 14 May, Institute of Marine Biology and Genetics, Hellenic Centre for Marine Research, Gouves, Heraklion, Crete, Greece.
- 2013:** *14th Annual meeting of Master Science of Environment*, 5 July, University of Crete - Biology Department, Hellenic Centre for Marine Research, Natural History Museum of Crete, Gouves, Heraklion, Crete, Greece.
- 2013:** *Second Metabarcoding Spring School in Crete* in the context of MARBIGEN project (FP7-REGPOT-2010-11), 13-17 May, Institute of Marine Biology and Genetics, Hellenic Centre for Marine Research, Gouves, Heraklion, Crete, Greece.
- 2012:** Workshop on "*Next-Generation Sequencing technologies and Informatics tools for studying Marine Biodiversity and Adaptation*" in the context of MARBIGEN project (FP7-REGPOT-2010-11), 01-03 October, Institute of Marine Biology and Genetics, Hellenic Centre for Marine Research, Gouves, Heraklion, Crete, Greece.
- 2012:** *13th Annual meeting of Master Science of Environment*, 28-29 June, University of Crete - Biology Department, Hellenic Centre for Marine Research, Natural History Museum of Crete, Gouves, Heraklion, Crete, Greece.

- 2012:** Introductory course on “*The basic principles of Coalescent theory and Applications*”, in the context of MARBIGEN project (FP7-REGPOT-2010-11), 20-24 February, Institute of Marine Biology and Genetics, Hellenic Centre for Marine Research, Gouves, Heraklion, Crete, Greece.
- 2011:** Workshop on “*Microbial Diversity, Genomics and Metagenomics*” in the context of MARBIGEN project (FP7-REGPOT-2010-11), 14-16 December, Institute of Marine Biology and Genetics, Hellenic Centre for Marine Research, Gouves, Heraklion, Crete, Greece.
- 2011:** Workshop on “*Genomics in Biodiversity*”, 16 September, Institute of Marine Biology and Genetics, Hellenic Centre for Marine Research, Gouves, Heraklion, Crete, Greece.
- 2011:** Seminar on “*Behavior of invasive species*”, 7 September, Institute of Marine Biology and Genetics, Hellenic Centre for Marine Research, Gouves, Heraklion, Crete, Greece.
- 2011:** *12th Annual meeting of Master Science of Environment*, 30 June - 2 July, University of Crete - Biology Department, Hellenic Centre for Marine Research, Natural History Museum of Crete, Agia Sofia, Chania, Crete, Greece.
- 2009:** Lecture Series “*2009: Darwin’s Year*”, 12-31 March, University of Crete - Natural History Museum of Crete, Heraklion, Crete, Greece.
- 2008:** Lecture Series about climate change “*Geology Sciences and Society: Three and One approaches of planet Earth*”, 11 March - 1 April, University of Crete - Natural History Museum of Crete, Heraklion, Crete, Greece.

9. Announcements in scientific meetings

- 1. Psonis N.,** Antoniou A., Kukushkin V.O., Petrov B., Crnobrnja – Isailović J., Gherghel I., Jablonski D., Lymberakis P. & Poulakakis N. 2015 *Investigating the phylogeography and population structure of Podarcis tauricus group*. 7th Biennial Conference of the International Biogeography Society, Bayreuth, Germany 8-12 January
- 2. Psonis N.,** Dimopoulou A., Lymberakis P., Blosat B., & Poulakakis N. 2014 *Study of the genetic diversity of Natrix natrix (Squamata: Colubridae) in Cyprus*. 7th Hellenic Ecological Congress, Mytilini 9-12 October.
- 3. Psonis N.,** Dimopoulou A., Kapli P., Lymberakis P., Nikolaou C. & Poulakakis N. 2013 *The genetic differentiation of the endemic Hierophis cypriensis (Squamata: Colubridae) in Cyprus*. 7th Hellenic Ecological Congress, Mytilini 9-12 October.
- 4. Psonis N.,** Antoniou A., Kukushkin O.V., Petrov B., Crnobrnja – Isailović J., Gherghel I., Jablonski D., Lumberakis P & Poulakakis N. 2014 *Molecular Phylogeny and phylogeography of the Podarcis tauricus group (Sauria, Lacertidae)*. 7th Hellenic Ecological Congress, Mytilini 9-12 October.

5. **Psonis N.**, Kukushkin V.O., Petrov B., Crnobrnja – Isailović J., Gherghel I., Lymberakis P. & Poulakakis N. 2013 *Phylogeny and phylogeography of the Podarcis tauricus group; insights from mitochondrial and nuclear data*. SEH 17th European Congress of Herpetology, Veszprém, Hungary 22-27 August.
6. **Psonis N.**, Vardinoyannis K., Mylonas M. & Poulakakis N. 2012 *Molecular phylogeny of the two “close related” snail genera Helicigona & Campylaea (Gastropoda: Pulmonata) in Greece*. 12th International Congress on the Zoogeography and Ecology of Greece and Adjacent Regions, Athens, Greece 18-22 June.
7. **Psonis N.**, Vardinoyannis K., Mylonas M. & Poulakakis N. 2012 *Molecular Phylogeny of Helix cincta (Muller, 1774) and Helix nucula (Mousson, 1854) in the eastern Mediterranean*. 12th International Congress on the Zoogeography and Ecology of Greece and Adjacent Regions, Athens, Greece 18-22 June.
8. Mylonas, M., Vardinoyannis, K., Demetropoulos, S., **Psonis, N.**, Demetropoulos, A. 2011 *The genus Turanena (Gastropoda: Enidae) in the Eastern Mediterranean islands*. 6th Congress of the European Malacological societies, Vitoria-Gasteiz, Spain, 18-22 July.
9. **Psonis, N.**, Vardinoyannis, K., Mylonas, M., Poulakakis, N. 2011 *Incorporation of Genetic Diversity in the Species-Area Relationship: a first approach*. 5th Biennial Conference of the International Biogeography Society, Heraklion, Crete, Greece, 7-11 January.

10. Publications in peer-reviewed journals

- a. **Psonis N.**, Vardinoyannis K., Mylonas M. & Poulakakis N. (2015) *Evaluation of taxonomy of Helix cincta (Muller, 1774) and Helix nucula (Mousson, 1854); insights using mitochondrial DNA sequence data*. Journal of Natural History vol. 49, Iss. 5-8.
- b. **Psonis N.**, Vardinoyannis K., Mylonas M. & Poulakakis N. *Unraveling the evolutionary history of the genus Chilostoma Fitzinger, 1833 (Mollusca, Gastropoda, Pulmonata) in Greece*. Molecular Phylogenetics and Evolution (submitted).

In preparation

- c. **Psonis N.**, Rigal F., Parmakelis A., Vardinoyannis K., Mylonas M., Triantis K. & Poulakakis N. *Scaling of Taxonomic, Phylogenetic and Functional Diversity with Area: land snails in the Aegean Sea*.
- d. **Psonis N.**, Lymberakis P. and Poulakakis N. *Contribution to the study of mtDNA diversity in the Acanthodactylus boskianus (Sauria: Lacertidae) species complex*.

11. Scientific memberships

- Member of the Hellenic Zoological Society
- Member of the Hellenic Ecological Society

- Member of the Societas Europaea Herpetologica

12. Personal agilities and abilities

Mother Language: Greek

Foreign Languages: English

- *Certificate of Competency in English*, English Language Institute, The University of Michigan, (2003)
- *First Certificate in English (ESOL)*, ESOL Examinations, University of Cambridge, (2003)

PC Knowledge:

- Good knowledge of Microsoft Office™ (Word, Power Point, Excel)
- Basics in design applications (PhotoShop™, CorelDRAW)
- Good knowledge of several molecular phylogenetic applications (FinchTV, CodonCode Aligner, ClustalX, MAFFT, MEGA, PAUP, TreeView, FigTree, Phylocom, Modeltest, DNAsp, MrBayes, Sequencher, Tracer, BEAST, BP&P, RASP, Lagrange, SPLITS, PAML, Dendroscope)
- Basics in statistic applications (SPSS)
- Good knowledge in bibliography organizers (EndNote, ReadCube)
- Basics in Unix environment
- Basics in Python language
- Some familiarity with R language