LAST NAME	**THEODOROU**
FIRST NAME	**KONSTANTINOS**
DATE OF BIRTH	28/01/1971
PLACE OF BIRTH	Athens
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CURRICULUM VITAE

EDUCATION

2002:	**PhD in Ecology**	University Pierre et Marie Curie (Paris VI), France
1999:	**MSc in Ecology**	University Pierre et Marie Curie (Paris VI), France
1997-98:	*Military Service*	
1996:	**Diploma in Electrical and Computer Engineeri**	National Technical University of Athens

SCIENTIFIC INTERESTS

Conservation and Evolutionary Biology, Population Genetics, Population Ecology

TEACHING EXPERIENCE

UNDERGRADUATE COURSES

Department of Environment:

- Computer Programming (2006 – today)
- Population Genetics (2002 – today)
- Conservation Biology (2002 today)

POSTGRADUATE COURSES

1. MSc "Environmental Policy and Biodiversity Conservation", Department of Environment.
   - Ecology: Applications to Conservation Biology.
2. French-Greek MSc "Biodiversity Conservation", School of Environment & University Montpellier II, France.
   - Conservation Biology (2007 – 2015).
3. MSc "Agriculture and Environment", Department of Environment
   - Biodiversity Conservation (2005 – 2013).
4. MSc "Environmental Policy and Management", Department of Environment.
   - Design of Nature Reserve Systems (2004 – 2013).

ADMINISTRATIVE AND ORGANIZATIONAL EXPERIENCE

2015 - Today	Member of the Undergraduate Program Committee of the Department of Environment.
2007 – 2015:	Member of the steering committee of the French-Greek MSc "Biodiversity Conservation", School of Environment & University Montpellier II, France.
June 2007:	Scientific and organization coordinator of the Summer School "Quantitative Methods in Population Dynamics", held in the Dept of Environment in collaboration with the Center of Functional and Evolutionary Biology, Montpellier, France. http://www.aegean.gr/environment/popdyn2007/

RESEARCH EXPERIENCE

1999 – 2002: Species Conservation, Restoration and Population Monitoring Laboratory, Museum of Natural History, Paris, France.

2002 – today: Biodiversity Conservation Laboratory, Department of Environment, University of the Aegean, Mytilene, Greece.

PUBLICATIONS

Thesis

1. **Theodorou K.** (2002). Genetic processes in small and fragmented populations; implications for Conservation Biology, Species Conservation, Restoration and Population Monitoring Laboratory, Museum of Natural History, Paris, France.

Peer-reviewed journals

1. Spigler R.B., **Theodorou K.**, Chang S.M. (2017). Inbreeding depression and drift load in small populations at demographic disequilibrium, ***Evolution***, 71, pp. 81-94.
2. **Theodorou K.,** Couvet D. (2017). Circular mating as an option for the genetic management of captive populations: response to Caballero et al, ***Heredity*****,** 119, pp. 51-53.
3. Mastranestasis I., Kominakis A., Hager-Theodorides A.L., Ekateriniadou L.V., Ligda Ch., **Theodorou K**. (2016). Associations between genetic polymorphisms and phenotypic traits in the Lesvos dairy sheep. ***Small Ruminant Research***, 144, pp. 205-210.
4. Mastranestasis I., Ekateriniadou L.V., Ligda Ch., **Theodorou K**. (2015). Genetic diversity and structure of the Lesvos sheep breed. ***Small Ruminant Research***, 130, pp. 54-59.
5. **Theodorou K.,** Couvet D. (2015). The efficiency of close inbreeding to reduce genetic adaptation to captivity. ***Heredity***, 114, pp. 38-47.
6. Antoniadis V., Anagnostopoulou V., **Theodorou K.**, Koutroumbas S. (2013). Development of a Simplified Model for Nitrogen Fertilizer Recommendation for Maize, Wheat, and Sunflower in Northern Greece. ***Communications in Soil Science and Plant Analysis***, 44, pp. 62-79.

7. Doxa A., Robert A., Crivelli A., Catsadorakis G., Naziridis T., Nikolaou H., Jiguet F. and **Theodorou K.** (2012). Shifts in breeding phenology as a response to density and climatic changes. Comparison between a short and a long-distance migrant species. ***The Auk***, 129, pp. 753-762.
8. Doxa A., **Theodorou K.**, Crivelli A., Hatzilacou D., Catsadorakis G, Malakou M., Nazirides T. and Robert A. (2012). Spatially correlated environmental factors drive synchronisation in populations of the Dalmatian Pelican. ***Population Ecology***, 54, pp. 499-507.
9. Mastranestasis I., Ligda Ch., **Theodorou K**., Ekateriniadou L.V. (2011). Genetic structure and diversity among three Greek sheep breeds using Random Amplified Polymorphic DNA-PCR. ***Journal of the Hellenic Veterinary Medical Society***, 62, pp. 301-313.
10. **Theodorou K**., Couvet D. (2010). Genetic management of captive populations: the advantages of circular mating. ***Conservation Genetics,*** 11, pp. 2289-2297.
11. Doxa A., **Theodorou K.**, Hatzilakou D., Crivelli A., Robert A. (2010). Joint effects of inverse density-dependence and extreme environmental variation on the viability of a social bird species. ***Ecoscience***, 17, pp. 203-215.
12. **Theodorou K.,** Souan H. & Couvet D. (2009). Metapopulation persistence in fragmented landscapes: significant interactions between genetic and demographic processes. ***Journal of Evolutionary Biology***, 22, pp. 152-162.
13. **Theodorou K.** & Couvet D. (2006). On the expected relationship between inbreeding, fitness and extinction. ***Genetics Selection Evolution***, 38, pp. 371-387.
14. **Theodorou K.** & Couvet D. (2006). Genetic load in subdivided populations: interactions between the migration rate, the size and the number of subpopulations. ***Heredity***, 96, pp. 69-78.
15. Bouchy P., **Theodorou K.** & D. Couvet (2005). Metapopulation viability: influence of migration patterns. ***Conservation Genetics***, 6, pp. 75-85.
16. **Theodorou K.** & Couvet D. (2004). Introduction of captive breeders to the wild: harmful or beneficial? ***Conservation Genetics,*** 5, pp. 1-12.
17. **Theodorou K.** & Couvet D. (2003). Familial versus mass selection in small populations. ***Genetics, Selection, Evolution,*** 35, pp. 425-444.
18. **Theodorou K.** & Couvet D. (2002). Inbreeding depression and heterosis in a subdivided population; influence of the mating system. ***Genetics Research***, 80, pp. 107-116.

Citations: 271, h-index: 10

[*Πηγή αναφορών: Google Scholar*]

Chapters in books

1. Couvet D., Robert A. & **Theodorou K**. (2010). *Evolution et Conservation des espèces rares et menacées,* in Biologie Evolutive (F. Thomas, T. Lefèvre & M. Raymond eds), De BOECK, France.

CONFERENCES

1. Theodorou K., Spigler R. (2018). Modeling the role of seed banks in a changing world: a reservoir of adaptive or maladaptive genetic variation? 2nd Joint Congress on Evolutionary Biology, Montpellier, France.
2. K. Theodorou (2014). Genetic management of captive populations. 7th *Annual Congress of the Hellenic Ecological Society and Zoological Society, Mytilene, Greece*.
3. Mastranestasis I., Ligda Ch., Theodorou K., Ekateriniadou L. (2011). Genetic structure and diversity among three Greek sheep breeds using Random Amplified Polymorphic DNA-PCR. *26th Annual Scientific Congress of the Hellenic Zootechnical Society, Chalkida, Greece*.
4. Doxa A., Theodorou K., Robert A., Catsadorakis G, Hatzilakou D., Naziridis T. & Crivelli A. (2010). Earlier breeding as a response to climate change? Comparison between a short-distance and a long-distance migrant bird species. *3rd International Eurasian Ornithology Congress, Mytilene, Greece*.
5. Theodorou K., Couvet D. (2009). Genetic management of captive populations: the advantages of circular mating. *2nd* European *Congress of* Conservation Biology, *Prague, Czech Republic*. (**invited**)
6. Doxa A., Robert A., Theodorou K., Hatzilacou D., Catsadorakis G., Naziridis Th., Nikolaou H. & Crivelli A. (2007). The impact of density and climate factors on the survival of Dalmatian pelicans. *21st Annual Meeting of the Society for Conservation Biology, Port Elisabeth, South Africa*.
7. Doxa A., Theodorou K., Robert A., Hatzilacou D., Catsadorakis G., Naziridis Th., Nikolaou H. & Crivelli A. (2007) (2007). Demographic analysis of pelican populations in Greece. 3rd

Annual Congress of the Hellenic Ecological Society and Zoological Society, Ioannina, Greece.

8. Doxa A., Theodorou K., Robert A., Hatzilacou D., Catsadorakis G., Nikolaou H. & Crivelli A. (2006). Preliminary demographic analysis of pelican populations in Greece. *9th International Congress of the Seabird Group, Aberdeen, UK*.
9. Theodorou K. (2005). *Ex situ* conservation: Is introduction of captive breeders to the wild an advisable management practice? 2nd *Annual Congress of the Hellenic Ecological Society and Zoological Society, Mytilene, Greece*.
10. Theodorou K. & Couvet D. (2002). Inbreeding depression and heterosis in a metapopulation; influence of the mating system. *22nd Annual Meeting of Biology and Population Genetics Group, Dijon, France*.
11. Theodorou K. & Couvet D. (1999). Migration and sexual dimorphism in passerines. *21st Annual Meeting of Biology and Population Genetics Group*, Rennes, France: