

# CURRICULUM VITAE

**Name: PANAYIOTIS PAFILIS**

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**Date and place of birth:** December 5th 1973, Athens

**Marital status:** single

## **Education - Career**

**1992-1997:** Diploma Degree, Department of Biology, University of Athens

**1998-2003:** PhD thesis, Department of Biology, University of Athens

**2003-2004:** Military Service in Hellenic Navy, rank: petty officer

**2004-2006:** Post-doctoral researcher, Department of Biology, University of Athens

**2006-2007:** Lecturer, Department of Environment, University of the Aegean

**2007-** : Lecturer, Modern Greek Program, Dept. of Classical Studies, Univ of Michigan

**2007-** : Post-doctoral researcher Univ.of Michigan, Dept. of Natural Resources and Environment

## **Languages**

Greek (mother's tongue), English, French, Spanish

## **Educational activity**

- Student preparation for the admission exams to the University (1995 to 2006)
- Assistant in practical classes of the lesson Systematic Zoology (1997 to 2001). Section of Zoology- Marine Biology.
- Assistant in practical classes of the lesson Animal Physiology (1998 to 2006). Section of Animal and Human Physiology.
- Assistant in practical classes of the lesson Comparative Physiology (1998 to 2006). Section of Animal and Human Physiology.
- Assistant in fieldwork excursions of the lessons Systematic Zoology and Animal Diversity. Section of Zoology- Marine Biology.
- Supervisor of 18 diploma thesis by senior students.
- Teaching the courses Biology (1<sup>st</sup> year), Research Methods (2d year) and Aquatic Ecosystems (3d year)

### **Participation in research projects**

- «Study on the adaptations of the endemic lizards of Peloponnese *Podarcis peloponnesiaca*, *Lacerta graeca* and *Algyroides moreoticus* in comparison to their distribution and phylogenetic history». (Funding: University of Athens).
- «Management planning for Sperchios River region» "Life 95". Management planning for 6 "Natura 2000" sites. (Working group for reptiles. European Union, Gen. Direction 11, LIFE 95, Funding: Hellenic Center for Wetlands)
- «Study of the natural landscape of the islands Karpathos, Kassos, Milos, Polyaigos, Fournoi and Ikaria». (Funding: Society for the Study and Protection of Monk Seal, European Union, Gen. Direction 11, LIFE 96).
- «Ecological and phylogenetic study of the endemic lizards of Peloponnese *Podarcis peloponnesiaca*, *Lacerta graeca* and *Algyroides moreoticus* (Sauria: Lacertidae)». (Funding: General Secretariat of Research and Technology, 1995).
- «Tail autotomy: an ecophysiological approach in lizards belonging to the family Lacertidae». (Funding: University of Athens)
- «Estimation and conservation of the genetic diversity of endemic and threatened terrestrial vertebrates in Greece using molecular, biochemical and physiological methods». **Main postgraduate researcher**. (Funding: General Secretariat of Research and Technology, 1999)
- «Protection of threatened endemic species» ARCI-MED Central and Eastern Mediterranean space. 1998-2001 (Funding: European Union).
- «Inventory of Greek Fauna» (Funding: Ministry of Environment)
- «The impact of temperature on the digestive physiology of lacertid lizards» (Funding: University of Athens).
- «Effects from drought and management of aquatic resources in the insular ecosystem of Cyprus». (Funding: Hellenic Bureau of WWF, Ministry of Environment).
- «The impact of fire on the thermal physiology of reptilian populations in insular ecosystems». (Funding: University of Athens).
- «Study on the adaptations of fresh water turtles». (Funding: University of Athens).
- «Stress and molecular mechanisms of conduction in the heart of mammals» (Funding: General Secretariat of Research and Technology, PYTHAGORAS I, Research Project of the European Union)
- «The impact of longtime fragmentation on the fitness of *Podarcis* lizards in insular ecosystems of Aegean Sea». **Main post-doctoral researcher**. (Funding: General Secretariat of Research and Technology, PYTHAGORAS II, Research Project of the European Union)
- «The impact of longtime fragmentation on genetic diversity and environmental physiology of the lizard *P. erhardii* in islets of eastern Crete» (Funding: General Secretariat of Research and Technology).

## **Research experience - Training**

- Natural History Museum and Research Institute Alexander Koenig, Bonn, Germany. (July 1996). Study of the Greek Reptile Collections of the Museum (1 month).
- University of Salamanca, Dept. of Zoology, Spain (December 1997). Specialized environmental physiology techniques (20 days).
- University of Patras, Dept. of Biology, Greece (February 1998). Specialized electrophoretical techniques (20 days).
- Protected Areas Network of the Italian Bureau of WWF, **official Greek participant** (October 1998). Seminars on protected areas management, environmental education, ecotourism and economical development of local communities (15 days).
- Field work (June 1999) in Menorca island and surrounding islets, Spain. (20 days).
- Field work (May, July 2005) in Aegean islets in collaboration with the University of Michigan and the University of New Orleans (30 days).
- Field work (April 2006) in Aegean islets in collaboration with the University of Michigan (15 days).
- University of Michigan, Dept. of Natural Resources (October 2006). Specialized statistic programme.

## **Meetings**

### *A. International Meetings*

1. 7<sup>th</sup> International Congress on the Zoogeography and Ecology of Greece and Adjacent Regions. Athens, April 1996.
2. Third World Congress of Herpetology. Prague, August 1997.
3. The Third International Symposium on the Lacertidae of the Mediterranean Basin. Cres island (Croatia), May 1998.
4. 8<sup>th</sup> International Congress on the Zoogeography and Ecology of Greece and Adjacent Regions. Cavala, May 1999.
5. 5<sup>th</sup> International Congress of Comparative Physiology and Biochemistry. Calgary (Canada), August 1999.
6. 10<sup>th</sup> Ordinary General Meeting of Societas Europea Herpetologica. Iraklio (Crete), September 1999.
7. XVIIIth International Congress of Zoology, Athens, September 2000
8. The Forth International Symposium on the Lacertids of the Mediterranean Basin. Mahon, Menorca (Spain), May 2001.
9. 9<sup>th</sup> International Congress on the Zoogeography and Ecology of Greece and Adjacent Regions. Thessaloniki, May 2002.
10. The Fifth International Symposium on the Lacertids of the Mediterranean Basin. Lipari, Aeolian Islands (Italy), May 2004.
11. 13<sup>th</sup> Ordinary General Meeting of Societas Europea Herpetologica. Bonn (Germany), September 2005

12. 10<sup>th</sup> International Congress on the Zoogeography and Ecology of Greece and Adjacent Regions. Patras, June 2006
13. 1<sup>st</sup> European Congress of Conservation Biology, “Diversity for Europe”. Eger, Hungary, August 2006.
14. The Sixth International Symposium on the Lacertids of the Mediterranean Basin. Mithymna, Lesvos (Greece), June 2008.

#### *B. National Meetings*

15. 19<sup>th</sup> Pan Hellenic Conference of Hellenic Society for Biological Sciences. Thessaloniki, May 1997.
16. 20<sup>th</sup> Pan Hellenic Conference of HSBS. Samos Isl., May 1998.
17. 21<sup>st</sup> Pan Hellenic Conference of HSBS. Syros Isl., Μάιος 1999.
18. 22<sup>d</sup> Pan Hellenic Conference of HSBS. Skiathos Isl., Μάιος 2000.
19. Theofrastos 2000, Biodiversity and Natural Heritage in Aegean Sea, Eressos, Lesvos Isl., July 2000.
20. 23<sup>d</sup> Pan Hellenic Conference of HSBS. Chios Island, May 2001.
21. 24<sup>th</sup> Pan Hellenic Conference of HSBS. Eretria, May 2002.
22. 25<sup>th</sup> Pan Hellenic Conference of HSBS. Mytilini, Lesvos Isl., May 2003.
23. 26<sup>th</sup> Pan Hellenic Conference of HSBS. Volos, May 2004.
24. 2d Pan Hellenic Conference of Hellenic Society of Ecologists. Mytilini, Lesvos Isl., November 2004.
25. 27<sup>th</sup> Pan Hellenic Conference of HSBS. Nafplio, May 2005.
26. 28<sup>th</sup> Pan Hellenic Conference of HSBS. Ioannina, May 2006.
27. 3d Pan Hellenic Conference of Hellenic Society of Ecologists. Ioannina, November 2006.
28. 29<sup>th</sup> Pan Hellenic Conference of HSBS. Kavala, May 2007.
29. 30<sup>th</sup> Pan Hellenic Conference of HSBS. Thessaloniki, May 2008.

### **Presentations**

#### *A. International Meetings*

1. Adamopoulou C., Valakos E.D. and **Pafilis P.** Diet composition of *Podarcis milensis*, *Podarcis gaigeae* and *Podarcis erhardii* during summer. 7<sup>th</sup> Congress of Zoogeography and Ecology of Greece. Athens, April 1996.
2. Valakos E.D., **Pafilis P.**, Stavropoulou A. and Giannopoulos Z. On the food and reproduction of *Lacerta trilineata* from Greek populations. Third World Congress of Herpetology. Prague, August 1997.
3. Valakos E.D., **Pafilis P.** & Germanou A. Natural history notes on the lacertid lizard *Podarcis erhardii* (Sauria : Lacertidae). Third International Symposium on the Lacertids of the Mediterranean Basin. Cres, Croatia, May 1998.
4. **Pafilis P.**, Valakos E. and Gaitanaki Aik. Ecophysiology of tail autotomy in Lacertids species of Greece. 8<sup>th</sup> Congress of Zoogeography and Ecology of Greece. Kavala, May 1999.

5. Chondropoulos B.P., Fragedakis S., Tsekoura K., Tryfonopoulos G., **Pafilis P.** and Valakos E.D. Preliminary results on the genetic variability and phylogenetic relationships among four lizard species of the family Lacertidae in Greece. 8<sup>th</sup> Congress of Zoogeography and Ecology of Greece. Kavala, May 1999.
6. **Pafilis P.**, Theologidis J., Gaitanaki K. and Valakos E.D. The effect of temperature on the digestive efficiency of prey components in two lacertids lizards. 5<sup>th</sup> International Congress of Comparative Physiology and Biochemistry. Calgary, Canada, August 1999.
7. **Pafilis P.**, Valakos E. and Perez-Mellado V. Lizard tail autotomy: Energetics of postautotomy tail movement in *Podarcis* species. 10<sup>th</sup> Ordinary General Meeting of Societas Europea Herpetologica, Iraklio, Crete, September 1999.
8. Germanou A., Valakos and **Pafilis P.** Preliminary data on the reproduction of *Podarcis gaigeae*. XVIIIth International Congress of Zoology, Athens, September 2000
9. Sampson A., Salame N., **Pafilis P.**, Gaitanaki K. and Valakos E. The influence of temperature on the digestive efficiency in the lizard *Podarcis peloponnesiaca*. XVIIIth International Congress of Zoology, Athens, September 2000
10. Maragou P., **Pafilis P.** and E.D.Valakos. Basic thermal data and reflections on the thermal ecology of the Greek endemic lizard *Lacerta graeca* (Bedriaga, 1886). Forth International Symposium on the Lacertids of the Mediterranean Basin. Mahon, Menorca, Spain, May 2001.
11. **Pafilis P.**, Adamopoulou C. and E.D.Valakos. Seasonal fluctuations of liver lipids and glycogen in the Milos wall-lizard *Podarcis milensis*. Forth International Symposium on the Lacertids of the Mediterranean Basin. Mahon, Menorca, Spain, May 2001.
12. **Pafilis P.**, Sampson A., Stamatiou P., Gourgou E., Gaitanaki K. and E.D.Valakos. Temperature's influence on the digestive efficiency in *Podarcis peloponnesiaca* and *Podarcis erhardii*. Forth International Symposium on the Lacertids of the Mediterranean Basin. Mahon, Menorca, Spain, May 2001.
13. **Pafilis P.**, Maragou P., Marmari, A., Kouvaraki E. and E.D.Valakos. Does island size affect feeding ecology? The case of *Podarcis erhardii*. 9<sup>th</sup> Congress of Zoogeography and Ecology of Greece. Thessaoniki, May 2002.
14. Mizi A., Mourelatou M., **Pafilis P.**, Valakos E., Lecanidou R. and G. Rodakis. Genetic divergence of the genus *Podarcis* in Greece based on mitochondrial DNA sequences. 9<sup>th</sup> Congress of Zoogeography and Ecology of Greece. Thessaloniki, May 2002.
15. **Pafilis P.** and E.D. Valakos. Temperature effect on the digestive efficiency of the main organic compounds in two Mediterranean lizards. 10<sup>th</sup> Congress of Mediterranean Ecosystems. Rhodes, April 2004.
16. **Pafilis P.**, Foufopoulos J., Lymberakis P., Poulakakis N., Simou Ch. and E.D. Valakos. Relationships between predation pressure, tail loss performance and energetics of post-autotomy movement in continental and insular populations. Fifth International Symposium on the Lacertids of the Mediterranean Basin. Lipari, Aeolian Islands, Italy, May 2004.
17. Volakis Z., Skopeliti M., Tsitsilonis O., **Pafilis P.** and E.D. Valakos. A novel approach to the phylogenetic study of *Lacertidae*: correlation of immunological responses with morphological characteristics. Fifth-

- International Symposium on the Lacertids of the Mediterranean Basin. Lipari, Aeolian Islands, Italy, May 2004.
18. Poulakakis N., Lymberakis P., Valakos E.D., **Pafilis P.**, Zouros E. and M. Mylonas. Aspects of the evolutionary history of *Podarcis taurica* (Pallas 1814), *P. gaigeae* (Werner 1930) and *P. milensis* (Bedriaga 1882) in Greece. Fifth International Symposium on the Lacertids of the Mediterranean Basin. Lipari, Aeolian Islands, Italy, May 2004.
  19. Simou Ch., **P. Pafilis**, A. Solomou, A. Kourkouli and E.D. Valakos. Regeneration of the lizard tail: Some interesting factors. 13<sup>th</sup> Ordinary General Meeting of Societas Europea Herpetologica, Bonn, Germany, September 2005.
  20. Kourkouli, A., Skopeliti, M., Poulakakis, N., Lymberakis, P., **Pafilis, P.**, Tsitsiloni, O. and E.D. Valakos. A novel approach to the phylogenetic study of Lacertidae: Correlation of immunological with molecular data. 13<sup>th</sup> Ordinary General Meeting of Societas Europea Herpetologica, Bonn, Germany, September 2005
  21. **Pafilis, P.** and E.D. Valakos. Loss of caudal autonomy in *Lacerta trilineata*. 10<sup>th</sup> Congress of Zoogeography and Ecology of Greece. Patras, June 2006.
  22. Simou, C., Skella, A., **Pafilis, P.** and E.D. Valakos. Physiology of original and regenerated tails. 10<sup>th</sup> Congress of Zoogeography and Ecology of Greece. Patras, June 2006.
  23. Giokas, S., Kotsakiozi, P., Karkoulis, P., **Pafilis, P.** and E.D. Valakos. How variable are the seasonal ecophysiological adaptations of land snails in semi-arid ecosystems? 10<sup>th</sup> Congress of Zoogeography and Ecology of Greece. Patras, June 2006.
  24. Foufopoulos, J., **Pafilis, P.** and E. Valakos. Biogeography and conservation of the herpetofauna of the Aegean Sea, Greece. 1<sup>st</sup> European Congress of Conservation Biology, August 2006.
  25. Hurston, H., Bonnanno, J., Foufopoulos, J., Valakos, E., **Pafilis, P.** and N. Anthony. Historical fragmentation and its effects on mitochondrial genetic diversity in island populations of *Podarcis erhardii*. 1<sup>st</sup> European Congress of Conservation Biology, August 2006.
  26. Spaneli V., Verissimo C., Koutsoupakis, P. Pafilis P., Simou, Ch., Valakos E., and P. Lymberakis. Variation of ecological parameters on 6 populations of *Podarcis cretensis* in western Crete. 14<sup>th</sup> Ordinary General Meeting of Societas Europea Herpetologica. Porto, Portugal, September 2007.
  27. Tsasi G., Simou Ch., Pafilis P., Foufopoulos J. and E.D. Valakos. The impact of parasitism on tail regeneration in the Aegean Wall Lizard (*Podarcis erhardii*). 14<sup>th</sup> Ordinary General Meeting of Societas Europea Herpetologica. Porto, Portugal, September 2007.
  28. Nikolouzou E., Pafilis P., Foufopoulos J., Tsitsiloni R. and E.D. Valakos. The impact of island features on the resistance to infection in isolated populations of Aegean wall lizard (*Podarcis erhardii*). Sixth International Symposium on the Lacertids of the Mediterranean Basin. Molyvos, Lesvos, June 2008.

29. Pafilis P., Pérez-Mellado V., Fougopoulos J. and E. D. Valakos: Shedding the tail in islands: Adaptations to insularity. Sixth International Symposium on the Lacertids of the Mediterranean Basin. Molyvos, Lesvos, June 2008.
30. Pafilis P., Sagonas K., Runemark A., Svensson E. and E.D. Valakos. Reproductive advantages of gigantism and how intraspecific competition could be involved. Sixth International Symposium on the Lacertids of the Mediterranean Basin. Molyvos, Lesvos, June 2008.
31. Roca V., Fougopoulos J., Valakos E.D. and P. Pafilis. Gastrointestinal helminth communities of the Aegean Wall lizard (*Podarcis erhardii ruthveni*, Lacertidae) from the Sporades Islands (Northwestern Aegean Sea, Greece). Sixth International Symposium on the Lacertids of the Mediterranean Basin. Molyvos, Lesvos, June 2008.
32. Spaneli V., Valakos E.D., Pafilis P. and P. Lymberakis. Thermoregulation by the lizard *Podarcis cretensis* (Squamata; Lacertidae) in Western Crete: Variation between three populations along an altitudinal gradient. Sixth International Symposium on the Lacertids of the Mediterranean Basin. Molyvos, Lesvos, June 2008.
33. Spaneli V., Valakos E.D., Pafilis P. and P. Lymberakis. Thermoregulation by the lizard *Podarcis cretensis* (Squamata; Lacertidae) in Western Crete: Seasonal variation between three populations occupying different habitat types. Sixth International Symposium on the Lacertids of the Mediterranean Basin. Molyvos, Lesvos, June 2008.
34. Tsasi G., Simou Ch., Pafilis P. and E.D. Valakos. Predation pressure, density-induced stress and tail regeneration: a casual-nexus situation or a bunch of independent factors? Sixth International Symposium on the Lacertids of the Mediterranean Basin. Molyvos, Lesvos, June 2008.

#### B. National Meetings

35. **Pafilis, P.**, Adamopoulou, C. and E.D. Valakos. Diet habits of insular populations of lizards belonging to *Podarcis* genera (Sauria : Lacertidae) in Aegean Sea. 19<sup>th</sup> Pan Hellenic Conference of HSBS. Thessaloniki, May 1997.
36. **Pafilis, P.**, Maragou P., Gaitanaki K. and E.D. Valakos. Tail autotomy in the endemic species of Peloponnese. 20<sup>th</sup> Pan Hellenic Conference of HSBS. Samos Isl., May 1998
37. Germanou A, **Pafilis P.**, Adamopoulou C. and E.D. Valakos. Reproductive strategy of lizard species belonging to the genus *Podarcis* from Aegean Sea. 20<sup>th</sup> Pan Hellenic Conference of HSBS. Samos Isl., May 1998
38. **Pafilis P.**, Maragou P., Theologidis J., Galanis G. and E.D. Valakos. A comparative approach of the thermal biology of the sympatric species, endemic of Peloponnese, *Podarcis peloponnesiaca* and *Lacerta graeca*. 21<sup>st</sup> Pan Hellenic Conference of HSBS. Syros Isl., May 1999.

39. Germanou A, **Pafilis P.** and E.D. Valakos. Reproduction of the lizard *Podarcis erhardii* (Sauria: Lacertiae) from mainland and insular populations in Greece. 21<sup>st</sup> Pan Hellenic Conference of HSBS. Syros Isl., May 1999.
40. Anagnostopoulou P., **Pafilis P.**, Giokas S. and E.D. Valakos. Annual changes of lipids, proteins, sugars and anaerobic metabolites in the terrestrial snail *Albinaria coerulea* (Gastropoda: Clausilidae). 22<sup>d</sup> Pan Hellenic Conference of HSBS. Skiathos Isl., May 2000.
41. Germanou A, **Pafilis P.**, Giannopoulos Z. and E.D. Valakos. Reproduction of the lizard *Podarcis erhardii* in islets of the Aegean Sea. 22<sup>d</sup> Pan Hellenic Conference of HSBS. Skiathos Isl., May 2000.
42. Salameh N., Sampson A., **Pafilis P.**, Gaitanaki K. and E.D. Valakos. Comparative study on the autotomy of the greek species belonging the genus *Podarcis* (Sauria: Lacertidae). 22<sup>d</sup> Pan Hellenic Conference of HSBS. Skiathos Isl., May 2000.
43. Valakos E.D. and **P. Pafilis**. The diversity of the fauna of Lesvos: an example of high biodiversity in northeastern Aegean Sea. Theofrastos 2000, Biodiversity and Natural Heritage in Aegean Sea, Eressos, Lesvos Isl., July 2000.
44. Stamatiou P., Gourgou E., **Pafilis P.** ad E.D. Valakos. The impact of temperature on the digestive efficiency of four Greek lacertid lizards. 23<sup>d</sup> Pan Hellenic Conference of HSBS. Chios Isl., May 2001.
45. Sozopoulos E., **Pafilis P.**, Gaitanaki K. and E.D. Valakos. Temperature effect on the activity pattern of the digestive enzymes in the lizard *Podarcis peloponnesiaca* (Sauria: Lacertidae). 24<sup>th</sup> Pan Hellenic Conference of HSBS. Eretria, May 2002.
46. Valakos E.D. and **P. Pafilis**. Vertebrates of the islands of northeastern Aegean Sea: a case of high biodiversity. 25<sup>th</sup> Pan Hellenic Conference of HSBS. Mytilini, Lesvos Isl., May 2003.
47. Valakos E.D., **Pafilis P.**, Maragou P. and A. Germanou. Insularity and reproduction: the case of the lacertids belonging to the genus *Podarcis* from Aegean Sea. 25<sup>th</sup> Pan Hellenic Conference of HSBS. Mytilini, Lesvos Isl., May 2003.
48. **Pafilis P.**, Mina A., Laios J., Lymberakis P., Kaliontzopoulou A. and E.D. Valakos. The impact of altitude on the physiology of the lizard *Podarcis erhardii* from Crete. 25<sup>th</sup> Pan Hellenic Conference of HSBS. Mytilini, Lesvos Isl., May 2003.
49. Sozopoulos E., **Pafilis P.** and E.D. Valakos. Study on the temperature's effect on the digestion of two endemic lacertids of Greece (*Podarcis peloponnesiaca* and *Podarcis gaigeae*). 25<sup>th</sup> Pan Hellenic Conference of HSBS, Mytilini, Lesvos Isl., May 2003.
50. Apostolopoulou M., **Pafilis P.** and E.D. Valakos. Trade offs between feeding ecology and antipredator strategies in two lizards of Aegean Sea. 26<sup>th</sup> Pan Hellenic Conference of HSBS. Volos, May 2004.
42. **Pafilis P.**, Simou C., Foufopoulos J., Lymberakis P., Poulakakis N. and E.D. Valakos. The impact of predation pressure on tail autotomy. 2<sup>d</sup> Congress of Hellenic Ecological Society. Mytilini, Lesvos Isl., November 2004
43. Simou C., Kourkouli A., Solomou A., **Pafilis P.** and E.D. Valakos. The effect of caudal regeneration on the physiological performance of Greek lacertid lizards. 27<sup>th</sup> Pan Hellenic Conference of HSBS. Nafplio, May 2005.



44. Karkoulis P., Giokas S., **Pafilis P.** and E.D. Valakos. Physiological adaptations on the annual cycle of the terrestrial snail *Codrigtonia codrigtoni*: living between diapauses. 27<sup>th</sup> Pan Hellenic Conference of HSBS. Nafplio, May 2005.
45. **Pafilis P.**, Adamopoulos C., Skella A., Simou C. and E.D. Valakos. Tail loss in juvenile lacertid lizards from Greece. 28<sup>th</sup> Pan Hellenic Conference of HSBS. Ioannina, May 2006.
46. **Pafilis P.**, Spaneli V., Lymberakis P. and E.D. Valakos. Thermal ecology of lacertid lizards. The importance of phylogenetic history. 3<sup>d</sup> Congress of Hellenic Ecological Society. Ioannina, November 2006
47. Betsos P., **Pafilis P.** and E.D. Valakos. Thermal ecology of the snake *Natrix natrix* in a mountain lake of Peloponnese. 3<sup>d</sup> Congress of Hellenic Ecological Society. Ioannina, November 2006.
48. Maragou P., **Pafilis P.** and E.D. Valakos. Conservation of reptiles in Greece. The present and the future of an “odious” group. 3<sup>d</sup> Congress of Hellenic Ecological Society. Ioannina, November 2006.
49. Kotsakiozi P., Giokas S., **Pafilis P.** and E.D. Valakos. Seasonal physiological ecology of the land snail *Helix aspersa*: a success story. 29<sup>th</sup> Pan Hellenic Conference of HSBS. Kavala, May 2007.
50. Therapi P., Skella A., Simou Ch., **Pafilis P.** and E.D. Valakos. Insularity and population density as interfering factors to caudal regeneration. 29<sup>th</sup> Pan Hellenic Conference of HSBS. Kavala, May 2007.
51. Tsasi G., Simou Ch., **Pafilis P.**, Foufopoulos J. and E.D. Valakos. The impact of parasitism on caudal regeneration in the Aegean wall lizard (*Podarcis erhardii*). 29<sup>th</sup> Pan Hellenic Conference of HSBS. Kavala, May 2007.

## **Publications**

### *A. Ph.D. Thesis*

**Pafilis, P.** (2003). Adaptations of lacertids based on their thermal biology, metabolic rate and phylogenetic history. University of Athens.

### *B. Papers*

1. ADAMOPOULOU, C., **PAFILIS, P.** & E.D. VALAKOS (1999). Diet composition of *Podarcis milensis*, *Podarcis gaigeae* and *Podarcis erhardii* (Sauria: Lacertidae) during summer. *Bonner Zoologische Beiträge* **48 (3-4)**: 275-282
2. CHONDROPOULOS, B., FRAGUEDAKIS, S., TSEKOURA, N., TRYFONOPOULOS, G., **PAFILIS, P.** & E.D. VALAKOS (2000). Contribution to the study of the genetic variability and taxonomic relationships among five lizard species of the family Lacertidae from Greece. *Belgian Journal of Zoology* **130**: 35-39
3. GIOKAS, S., **PAFILIS, P.** & E.D. VALAKOS (2005). Seasonal ecological and physiological adaptations of the land snail *Albinaria caerulea* (Gastropoda, Pulmonata, Clausiliidae). *Journal of Molluscan Studies* **71**: 15-23.
4. **PAFILIS, P.**, VALAKOS, E.D. & J. FOUFOPOULOS (2005). Comparative post-autotomy tail activity in six Mediterranean lacertid lizard species. *Physiological and Biochemical Zoology* **78(5)**: 828-838
5. POULAKAKIS, N., LYMBERAKIS, P. ZOUROS, E., **PAFILIS, P.**, E.D. VALAKOS & M. MYLONAS (2005). Phylogeography of Balkan wall lizard (*Podarcis taurica*) and its relatives inferred from mitochondrial DNA sequences. *Molecular Ecology* **14 (8)**: 2433-2443

6. **PAFILIS, P.** & C. SIMOU (2006). The southernmost geographic distribution of *Podarcis erhardii*. *Herpetological Review* **37(2)**: 361-362
7. **PAFILIS, P.**, FOUFOUPOLOS, J., POULAKAKIS, N., LYMBERAKIS, P. & E.D. VALAKOS (2006). Digestive performance in five Mediterranean lizard species: effects of temperature and insularity. *Journal of Comparative Physiology B* **177**: 49-60
8. VALAKOS, E.D., KOURKOULI, A., SKOPELITI, M., PAFILIS, P., POULAKAKIS, N., VOUTSAS, I.F., LYMBERAKIS, P., SIMOU, C., VOELTER, W. & O.E. TSITSILONIS (2007). Combining immunological and molecular data to assess phylogenetic relations of some Hellenic *Podarcis* species. *Comparative Physiology and Biochemistry A* **147**: 1-10.
9. GIOKAS, S., KARKOULIS, P., PAFILIS, P. & E.D. VALAKOS (2007). Relictual physiological ecology in the threatened land snail *Codrigtonia helenae*: a cause for decline in a changing environment? *Acta Oecologica*. **32**:269-278
10. PAFILIS, P., PEREZ-MELLADO, V. & E.D. VALAKOS (2008). Post autotomy tail activity in Balearic wall lizard, *Podarcis lilfordi*. *Naturwissenschaften*: **95**: 217-221.
11. PAFILIS, P. & E.D. VALAKOS (2008). LOSS of caudal autotomy during life in Balkan green lizard (*Lacerta trilineata*). *Journal of Natural History* **42** : 409-419.
12. SIMOU, C., PAFILIS, P., SKELLA, A., KOURKOULI, A. & E. D. VALAKOS (2008). Physiology of original and regenerated tails in Cycladian Wall Lizard (*Podarcis erhardii*). *Copeia* **2008** 3: 504-509.
13. RUNEMARK, A., GABIROT, M., BENSCH, S., SVENSSON, E., MARTIN, X., PAFILIS, P., E.D. VALAKOS, AND B. HANSSON (2008). Identification of polymorphic microsatellite loci in *Podarcis gaigeae* and *Podarcis hispanica* (Squamata: Lacertidae) and assessment of their utility in three other *Podarcis* species. *Molecular Ecology Resources* (2008) **8**, 1367–1370.

#### C. Publications in proceedings under review

1. **Pafilis, P.**, Theologidis, J., Gaitanaki, K., & Valakos, E. (1999). The effect of temperature on the digestive efficiency of prey components in two lacertid lizards. 5<sup>th</sup> International Congress of Comparative Physiology and Biochemistry. Calgary, Comparative Physiology and Biochemistry **124 A** (Suppl.): S.139.
2. **Pafilis, P.** and E.D. Valakos (2004), Temperature effect on the digestive efficiency of the main organic compounds in two Mediterranean lizards. In: *Proceeding 10th MEDECOS, April 25-1 May, Rhodes, Greece*, Arianoutsou and Papanastasis (eds) p.75 Millpress 2004.

#### D. Participation in Books

1. E.D. Valakos, M. Dimakis, **P. Pafilis** (2004). Natural History of Lesvos: Reptiles and Amphibians, University of Athens, 130 p. (in Greek)
2. E.D. Valakos, M. Dimakis, **P. Pafilis** (2005). Natural History of Lesvos: Reptiles and Amphibians, University of Athens, 130 p. (in English)
3. E.D. Valakos, **P. Pafilis**, P. Georgiakakis (2004). Natural History of Lesvos: Mammals, University of Athens, 130 p. (in Greek)

4. E.D. Valakos, P. Lymperakis, P. Marangou, **P. Pafilis**, K Sotiropoulos, J. Foufopoulos (within 2007). Reptiles and Amphibians of Greece, Chimaera Publications, Frankfurt am Mainz (in English)
5. E.D. Valakos and **P. Pafilis** (within 2007). Field guide to Reptiles and Amphibians of Greece. Patakis Publications (in Greek)

#### *E. Translation*

1. Member of the translation group in Greek of the «Environmental Physiology of Animals» by P. Willmer, G. Stone and I. Johnston.
2. Member of the translation group in Greek of the «Conservation Biology» by R. Primack.
3. Member of the translation group in Greek of «Insular Biogeography» by J. V. Crisci, L. Katinas and P. Posadas.

#### *F. Other publishing activity*

1. Lymperakis, P., E. Valakos, **P. Pafilis**, M. Mylonas, editors. «*Herpetologia Candiana*», Societas Herpetologica Europea. Irakleio, Crete 2001, 138 p.
2. Over of 60 articles of popular science in daily and periodical press in Greece.

#### **Other activities**

1. Member of the National Organizing Comity of the 10<sup>th</sup> Ordinary General Meeting (Societas Europae Herpetologica), Irakleio, Crete, September 1999.
2. Foundation member of the Hellenic Herpetological Society.
3. Member of the Board of the Hellenic Herpetological Society (1999-2008)
4. Member of the Board of the Hellenic Zoological Society (2000-2003 and 2006-2009)
5. Secretary of the Organizing Comity of the 6<sup>th</sup> Symposium on the Lacertids of the Mediterranean Basin, Mytilini, Lesvos IIs, June 2008.
6. Member of the Scientific Board of the 6<sup>th</sup> Symposium on the Lacertids of the Mediterranean Basin, Mytilini, Lesvos IIs, June 2008.