

## CURRICULUM VITAE

### **Name: Efstratios Valakos**

Associate Professor

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### **Personal**

**Date and place of birth:** April 20th 1960, Mytilene

**Languages:** English

### **Education - Career**

**1984-1990:** **Ph.D. Ecology**, University of Athens, Department of Biology.

**1978-1983:** **B.S. Biology**, University of Athens, Department of Biology.

### **Academic Appointments**

**2010- present:** Associate Professor University of Athens, Department of Biology

**2001-2010:** Assistant Professor, University of Athens, Department of Biology.

**1992-2001:** Lecturer, University of Athens, Department of Biology.

### **Research interests**

**Physiological and ecological adaptations of reptiles in Mediterranean type ecosystems:**

Study of life history traits, comparative biology, thermal biology, predation, antipredatory mechanisms.

**Island biogeography, Conservation of endemic species (reptiles and amphibians),**

**Phylogeny of reptiles .**

### **Participation in research projects**

*“Structure and Energy flw in the island ecosystems of the Aegean Sea”* ENV-593-G  
(Advisor: Prof. I. Matsakis , Funding: EEU and Ministry of Agriculture 1981-1987).

*“ Study of remote islets of the Aegean Sea ”* (Advisor: Prof. M. Mylonas , Funding:  
Leventis Foundation 1987-1989).

*“Natura 2000”* . Scientific Team of University of Athens, Main resercher for Reptiles  
and Amphibians ”(Advisor: Assist. Prof. K. Georgiou , Funding: Hellenic Center for  
Wetlands).

“*Management planning for Sperchios River region*” "Life 95". Main researcher for Reptiles and Amphibians ”(Advisor: Assist. Prof. K. Georgiou , Funding: Hellenic Center for Wetlands).

“*Study of the soil biocommunities in the island ecosystems of the Aegean*’ (Advisor, assist. Prof . A. Legakis , PENED 95, Funding: : General Secretariat of Research and Technology).

“*Protection of threatened endemic species*”. *ARCHI-MED Central and Eastern Mediterranean Space*. (Advisor: Prof. M. Mylonas , Funding: EU 1987-1989).

### **Advisor in research projects**

“*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 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).

“*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*”. (Funding: General Secretariat of Research and Technology, 1999)

“*The impact of temperature on the digestive physiology of lacertid lizards*”. (Funding: University of Athens).

“*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).

“*The impact of longtime fragmentation on the fitness of Podarcis lizards in insular ecosystems of Aegean Sea*”. (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).

“*Effect of the long-term landscape fragmentation on the adaptation of reptile features’ related to their survival.*” (Funding: University of Athens).

*Ecophysiological adaptations of the genus Codringtonia (Gastropoda, Pulmonata). An approach to physiological, ecological and molecular level*” Funding: University of Athens).

“*What is hidden behind a giant: the case of the Lizard of Skyros island.*” Advisor: E. Valakos, Coordinator: Pafilis Panagiotis, Organization: University of Michigan / National and Kapodistrian University of Athens / Imperial College. Funding John S. Latsis, Public Benefit Foundation.

### **Research experience – Training**

- Natural History Museum of Wien (July 1985). Study of the Greek Reptile Collections of the Museum (1 week).
- University of Salamanca, Dept. of Zoology, Spain (December 1989). Specialized environmental physiology techniques (20 days).
- Field work (June 1999) in Greece with Spanish research group with the research project PB90-0526-CO2-01 of Spanish government (April 1990) (1 month).
- University of Salamanca, Dept. of Zoology, Spain (October 1990). Specialized environmental physiology techniques (1 week).
- University of Alicante, Dept. of Zoology, Spain (September 1993). Field work in Balearic Islands (1 month).
- Natural History Museum and Research Institute Alexander Koenig, Bonn, Germany. (August 1995). Study of the Greek Reptile Collections of the Museum (1 week).
- Natural History Museum of Wien (September 1995). Study of the Greek Reptile Collections of the Museum (1 week).
- 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 (3 months).
- University of Salamanca, Dept. of Zoology, Spain (June 1999). Specialized environmental physiology techniques (1 month).
- University of Michigan (USA) (October-November 2003). Comparative physiology (2 months)
- University of Michigan (USA) (November-December 2004). Comparative physiology (2 months)
- Field work (May, July 2005) in Aegean islets in collaboration with the University of Michigan and the University of New Orleans (20 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. International Conference on terrestrial and freshwater vertebrates from the Mediterranean Islands. Evisa Corse, October 1983.
2. 3<sup>rd</sup> International Congress on the Zoogeography and Ecology of Greece and Neighbouring Regions. Patras, April 1984.
3. 3<sup>rd</sup> Ordinary General Meeting of the Societas Europaea Herpetologica. Prague, August 1985.
4. 4<sup>th</sup> International Congress on the Zoogeography and Ecology of Greece and Neighboring Regions. Kamena Vourla, April 1987.
5. 4<sup>th</sup> Ordinary General Meeting of the Societas Europaea Herpetologica. Nijmegen, August 1987.
6. XXXI Congres-Assemblee Pleniere de la C.I.E.S.M. Athens, April 1988.
7. 10<sup>th</sup> International Malacological Congress. Tübingen, August 1989.
8. First World Congress of Herpetology. Canterbury, September 1989.
9. IV Congreso de Herpetologia. Madrid, December 1989.
10. 5<sup>th</sup> International Congress on the Zoogeography and Ecology of Greece and Neighboring Regions. Irakleio, April 1990.
11. I Congresso Luso - Espanhol (V congresso Espanhol) de Herpetologia. Lisboa, October 1990.
12. 6<sup>th</sup> Ordinary General Meeting of the Societas Europea Herpetologica, Budapest, August 1991.
13. VI International Conference on the Mediterranean Type Ecosystems, Maleme, Crete, September 1991.
14. 1<sup>st</sup> International Congress on the Lacertids of the Mediterranean Basin, Mytilini, April 1992.
15. 6<sup>th</sup> International Congress on the Zoogeography and Ecology of Greece and Neighboring Regions. Thessaloniki, April 1993.
16. 7<sup>th</sup> Ordinary General Meeting of the Societas Europea Herpetologica. Barcelona, September 1993.
17. 8<sup>th</sup> Ordinary General Meeting of the Societas Europea Herpetologica, Bonn, August 1995.
18. 7<sup>th</sup> International Congress on the Zoogeography and Ecology of Greece and Adjacent Regions. Athens, April 1996.
19. Third World Congress of Herpetology. Prague, August 1997.
20. The Third International Symposium on the Lacertidae of the Mediterranean Basin. Cres island (Croatia), May 1998.
21. 8<sup>th</sup> International Congress on the Zoogeography and Ecology of Greece and Adjacent Regions. Cavala, May 1999.

22. 5<sup>th</sup> International Congress of Comparative Physiology and Biochemistry. Calgary (Canada), August 1999.
23. 10<sup>th</sup> Ordinary General Meeting of Societas Europea Herpetologica. Iraklio (Crete), September 1999.
24. XVIIIth International Congress of Zoology, Athens, September 2000
25. The Forth International Symposium on the Lacertids of the Mediterranean Basin. Mahon, Menorca (Spain), May 2001.
26. 9<sup>th</sup> International Congress on the Zoogeography and Ecology of Greece and Adjacent Regions. Thessaloniki, May 2002.
27. The Fifth International Symposium on the Lacertids of the Mediterranean Basin. Lipari, Aeolian Islands (Italy), May 2004.
28. 13<sup>th</sup> Ordinary General Meeting of Societas Europea Herpetologica. Bonn (Germany), September 2005
29. 10<sup>th</sup> International Congress on the Zoogeography and Ecology of Greece and Adjacent Regions. Patras, June 2006
30. 1<sup>st</sup> European Congress of Conservation Biology, “Diversity for Europe”. Eger, Hungary, August 2006.
31. The Sixth International Symposium on the Lacertids of the Mediterranean Basin. Mithymna, Lesvos (Greece), June 2008.
32. 11th International Congress on the Zoogeography and Ecology of Greece and Adjacent Regions. Iraklio, September 2009

#### *B. National Meetings*

1. 19<sup>th</sup> Pan Hellenic Conference of Hellenic Society for Biological Sciences. Thessaloniki, May 1997.
2. 20<sup>th</sup> Pan Hellenic Conference of HSBS. Samos Isl., May 1998.
3. 21<sup>st</sup> Pan Hellenic Conference of HSBS. Syros Isl., Μάιος 1999.
4. 22<sup>d</sup> Pan Hellenic Conference of HSBS. Skiathos Isl., Μάιος 2000.
5. Theofrastos 2000, Biodiversity and Natural Heritage in Aegean Sea, Eressos, Lesvos Isl., July 2000.
6. 23<sup>d</sup> Pan Hellenic Conference of HSBS. Chios Island, May 2001.
7. 24<sup>th</sup> Pan Hellenic Conference of HSBS. Eretria, May 2002.
8. 25<sup>th</sup> Pan Hellenic Conference of HSBS. Mytilini, Lesvos Isl., May 2003.
9. 26<sup>th</sup> Pan Hellenic Conference of HSBS. Volos, May 2004.
10. 25<sup>th</sup> Pan Hellenic Conference of Hellenic Society of Ecologists. Mytilini, Lesvos Isl., November 2004.
11. 27<sup>th</sup> Pan Hellenic Conference of HSBS. Nafplio, May 2005.
12. 28<sup>th</sup> Pan Hellenic Conference of HSBS. Ioannina, May 2006.

13. 3d Pan Hellenic Conference of Hellenic Society of Ecologists. Ioannina, November 2006.
14. 29<sup>th</sup> Pan Hellenic Conference of HSBS. Kavala, May 2007.
15. 30<sup>th</sup> Pan Hellenic Conference of HSBS. Thessaloniki, May 2008
16. 31<sup>st</sup> Pan Hellenic Conference of HSBS. Patras, May 2009
17. 32<sup>nd</sup> Pan Hellenic Conference of HSBS. karpenisi, May 2010

### **Publications**

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

1. **E.D. Valakos** (1990). The ecology of the lizard *Podarcis erhardii* (Bedriaga, 1882) (Sauria: Lacertidae) in a typical insular ecosystem on Naxos Island. University of Athens 214 p.
2. **Valakos E. D.** (1991). The ecology of the lizard *Podarcis erhardii* (Bedriaga, 1882) (Sauria: Lacertidae) in a typical insular ecosystem on Naxos Island (Greece). *Rev. Esp. Herp.* **5**:151-153.
3. **Valakos E. D.** (1991). Ecology of the lizard *Podarcis erhardii* (Bedriaga,1882) (Sauria: Lacertidae) in a typical insular ecosystem on the island of Naxos. *Biologia Gallo-Hellenica* **16**: 205-209.

#### *B. Publications in peer review journals*

1. VALAKOS, E. (1986). The feeding ecology of *Podarcis erhardii* (Reptilia - Lacertidae) in a main insular ecosystem. *Herp. J. (Lon.)* 1: 118-121.
2. VALAKOS, E. & A. VLACHOPANOS. (1989). Note on the ecology of *Cyrtodactylus kotschy* in an insular ecosystem of the Aegean. *Biol. Gall. Hellen.* 15: 179-184.
3. VALAKOS, E. D. (1989). Thermal ecology of *Cyrtodactylus kotschy* (Steindachner, 1870) (Sauria - Gekkonidae) in the insular ecosystems of the Aegean. *Herp. J. (Lon.)* 1: 396-399.
4. VALAKOS, E. D. & R. M. POLYMENI. (1990). The food of *Cyrtodactylus kotschy* (Steindachner, 1870) (Sauria - Gekkonidae) during the wet season in the mediterranean insular ecosystem of the Aegean. *Herp. J. (Lon.)* 1:474-477.
5. MYLONAS, M. & E. D.VALAKOS. (1990). Contribution to the biogeographical analysis of the Reptiles distribution in the Mediterranean islands. *Rev. Esp. Herp.* 4: 101-107.
6. P. MARAGOU & E. D. VALAKOS. (1992). Contribution to the thermal ecology of *Testudo marginata* (Shoepfe 1792) and *Testudo hermanni* (Gruelin 1789) (Chelonia: Testudinidae) in semi-captivity. *Herp. J. (Lon.)* 2: 48-50.

7. VALAKOS, E. & MYLONAS, M. (1992). Distribution and ecological aspects of the herpetofauna of Strofades Islands (Ionian Arcipelago, Greece). *Herpetozoa* 5 : 33-39.
8. MYLONAS, M., BOTSARIS, I., SOURDIS, I., VALAKOS, E. D. (1995). On the Development, habitat selection and Taxonomy of *Helix (Jacosta) siphnica* Kobelt, 1983 (Gastropoda, Helicellinae). *Zool. J. Lin. Society* 115: 347 - 357.
9. VALAKOS, E. D., MARAGOU, P. AND MYLONAS, M. (1995). Geographical distribution: *Podarcis erhardii*. *SSAR Herp. Rev.* 26:155.
10. KASAPIDIS, P., PROVATIDOU, S., MARAGOU, P., VALAKOS, E.D. (1996). Neue Daten über die Herpetofauna von Lesbos ( Agaische Inseln Griechenland) und einige biogeographische Bemerkungen über die Inseln des nordöstlichen agaischen Archipels. *Salamandra* 32: 171- 180.
11. MARAGOU P., VALAKOS E.D., GIANOPOULOS Z., STAVROPOULOU A., & CHONDROPOULOS, B. (1996). Aspects on the Feeding Ecology of *Podarcis peloponnesiaca* (Sauria- Lacertidae) during spring. *Herpetozoa* 9(3/4): 105-110.
12. ADAMOPOULOU C., VALAKOS, E. & LEGAKIS, A. (1997). Notes on the diet and reproduction of the Cyclades Blunt-nosed Viper *Macrovipera schweizeri* (Werner, 1935). *Herpetozoa* 10(3/4): 173-175.
13. VALAKOS, E. D., MARAGOU, P. AND MYLONAS, M. (1999). Geographical distribution: *Podarcis erhardii*. *SSAR Herp. Rev.* 30:52-53
14. ADAMOPOULOU C., PAFILIS P. & VALAKOS E. (1999). Diet composition of *Podarcis milensis*, *Podarcis gaigeae* and *Podarcis erhardii* (Sauria: Lacertidae) during summer. *Boon. Zool. Beit* .48: 275-282.
15. MARAGOU, P., B. CHONDROPOULOS & E.D. VALAKOS (1999). Comparative data on reproduction in *Podarcis erhardii*, *Podarcis peloponnesiaca* and *Podarcis taurica* ( Reptilia, Sauria, Lacertidae). *Isr. J. of Zool.* 45 (2) :487-496.
16. ADAMOPOULOU, C. & VALAKOS, E.D. (2000). Small clutch size in a Mediterranean endemic lacertid (*Podarcis milensis*). *Copeia* 2000 (2) : 610-615.
17. CHONDROPOULOS, B., S. FRAGUEDAKIS, N. TSEKOYRA, G., TRYFONOPOULOS, P. PAFILIS, AND E. VALAKOS (2000). Contribution to the study of the genetic variability and taxonomic relationships among five lizards species of the family Lacertidae from Greece. *Belg. J. Zool.* 130: 35-39.
18. DIMAKI, M., E.D. VALAKOS, & A. LEGAKIS (2000). Variation in body temperatures of the African Chamaeleon *Chamaeleo africanus* Laurenti, 1768 and the Common Chameleon *Chamaeleo chameleo* L. *Belg. J. Zool.* 130: 87-91.

19. DIMAKI, M., E.D. VALAKOS, & A. LEGAKIS AND B. CHONDROPOULOS (2000). Morphometric analysis of the African chamaeleon *Chamaeleo africanus laurenti*, 1768 from southern Peloponnese, Greece. *Isr. J. of Zool.* 46:231-237.
20. POULAKAKIS, N., P. LYMPERAKIS, A. ANTONIOU, D. CHALKIA, E. ZOUROS, M. MYLONAS, AND E. VALAKOS (2003). Molecular phylogeny and biogeography of the wall-lizard *Podarcis erhardii* (Squamata: Lacertidae). *Molecular Phylogenetics and Evolution* 28: 38-46
21. MANTZIOU, G., N. POULAKAKIS, P. LYMPERAKIS, E. VALAKOS AND M. MYLONAS (2004). The inter- and intraspecific status of Aegean *Mauremys rivulata* (Chelonia, Bataguridae) as inferred by mitochondrial DNA sequences *Herp. J. (Lon.)* 14(1):35-45.
22. 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.
23. PAFILIS, P., E.D. VALAKOS & J. FOUFOPOULOS (2005). Comparative post-autotomy tail activity in six Mediterranean lacertid lizard species. *Physiological and Biochemical Zoology* 78(5): 828-838.
24. ADAMOPOULOU, C. & VALAKOS, E.D. (2005). Thermal ecology and activity of *Podarcis milensis* in a sandy coastal area. *Isr. J. of Zool.* 51 : 39-52.
25. 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 .
26. POULAKAKIS, N., LYMBERAKIS, ., E.D. VALAKOS P. ZOUROS, P & M. MYLONAS (2005). Phylogenetic relationships and biogeography of *Podarcis* species from the Balkan peninsula by Bayesian and maximum likelihood analyses of mitochondrial DNA sequences. *Molecular Phylogenetics and Evolution* 37: 845- 857.
27. PAFILIS, P., FOUFOPOULOS, J., POULAKAKIS, N., LYMBERAKIS, P. & E.D. VALAKOS (2007). Digestive performance in five Mediterranean lizard species: effects of temperature and insularity. *Journal of Comparative Physiology B* 177: 49-60. [IF 2.115]
28. VALAKOS, E.D., KOURKOULI, A., SKOPELITI, M., PAFILIS, P., POULAKAKIS, N., VOITSAS, 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 B* 147: 1-10.



29. GIOKAS, S., KARKOULIS, P, PAFILIS, P. & E.D. VALAKOS (2007). Relictual physiological ecology in the threatened land snail *Codrigtonia helena*: a cause for decline in a changing environment? *Acta Oecologica*. 32:269-278
30. PAFILIS, P., PEREZ-MELLADO, V. & E.D. VALAKOS (2008). Post autotomy tail activity in Balearic wall lizard, *Podarcis lilfordi*. *Naturwissenschaften*: 95: 217-221.
31. 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.
32. 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.
33. LYMBERAKIS P., N. POULAKAKIS, A. KALIONTZOPOULOU, E. VALAKOS AND M. MYLONAS (2008). Two new species of *Podarcis* (Squamata; Lacertidae) from Greece. *Systematics & Biodiversity*. 6: 307-318.
34. 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.
35. PAFILIS P., J.FOYFOPOULOS, N.POULAKAKIS,P.LYMPERAKIS & E.D. VALAKOS (2009). Tail shedding in island lizards [Lacertidae, Reptilia]: Decline of antipredator defenses in relaxed predation environments. *Evolution* 63: 1262-1278
36. HURSTON, H., J. BONANNO, L. VOITH, J. FOUFOPOULOS, P. PAFILIS, E.D. VALAKOS, AND N. ANTHONY (2009). Effects of fragmentation on genetic diversity and parasitism in the Aegean wall lizard *Podarcis erhardii* (LACERTIDAE, REPTILIA). *Molecular Phylogenetics and Evolution* 52: 395-405
37. PAFILIS, P., MEIRI, S., FOUFOPOULOS, J. & E.D. VALAKOS (2009) Intraspecific competition and high food availability drive insular gigantism in a lizard. *Naturwissenschaften*. 96: 1107-113
38. TSASI, G., PAFILIS, P., SIMOU, C. & E.D. VALAKOS. (2009). Predation pressure, density-induced stress and tail regeneration: a casual-nexus situation or a bunch of independent factors? *Amphibia-Reptilia* 30: 471-482

39. ROCA, V., FOUFOPOULOS, J., VALAKOS, E.D. & PAFILIS, P. (2009). Gastrointestinal helminth communities of the Aegean Wall lizard (*Podarcis erhardii ruthveni*, Lacertidae) from the Sporades Islands (Northwestern Aegean Sea, Greece). *Amphibia-Reptilia* 30:493-503
40. VERVUST B., VALAKOS E., PAFILIS P. & VAN DAMME R. (2010). Anatomical and physiological changes associated with a recent dietary shift in the lizard *Podarcis sicula*. *Physiological and Biochemical Zoology* 83(4): 632-642
41. RUNEMARK, A., HANSSON, B., PAFILIS, P., VALAKOS E.D. & E. SVENSSON (2010) Island biology and morphological divergence of the Skyros wall lizard *Podarcis gaigeae*: a combined role for local selection and genetic drift on color morph frequency divergence? *BMC Evolutionary Biology*. 10:( in press)

C. Publications in proceedings under review

1. Mylonas, M. & E. Valakos (1988). Biogeographical analysis of the herpetofauna of the Greek islands. *Rapp. Comm. int. Medit.* **31**, 2: 131.
2. Chondropoulos B., P. Maragou & E. D. Valakos (1993). The food consumption of *Podarcis taurica ionica* (Lehrs, 1902) in the Ionian Islands. Στο: *Lacertids of the Mediterranean Basin*, E. D. Valakos, V. Perez Mellado, W. Boehme, P. Maragou (eds), pp. 173-182.
3. Perez - Mellado, V., E .D. Valakos, F. Guerrero and M. J. Gil Costa. (1993). Ecological similarity of lacertids lizards in the Mediterranean region. The case of *Ophisops elegans* and *Psammmodromus hispanicus*. Στο: *Lacertids of the Mediterranean Basin*, E. D. Valakos, V. Perez Mellado, W. Boehme, P. Maragou (eds), pp.231-242.
4. Valakos, E.D., Adamopoulou, C., Maragou, P. & M. Mylonas (1997). The food of *Podarcis milensis* and *Podarcis erhardii* in the insular ecosystems of the Aegean,- Pp.373-381. Στο: Boehme W., Bischoff, W. & T. Ziegler (eds): *Herpetologica Bonnensis* ,Bonn (S.E.H).416pp.
5. Maragou, P., Valakos, E.D. & B.P. Chondropoulos (1997). Comparative ecology of two sympatric lizard species, *Lacerta graeca* and *Podarcis peloponnesiaca* endemic to Peloponnisos (Greece) Pp. 265-272. In: Boehme W., Bischoff, W. & T. Ziegler (eds): *Herpetologica Bonnensis* , Bonn (S.E.H) 416pp.
6. Meliadou A., Provatidou S. & Valakos E. (1999). An application of Geographic Information Systems using the endemic and protected reptile species of Greece. Στο: *Contributions to the Zoogeography and Ecology of the eastern Mediterranean region* (E.Z.E). Volume 1, pp. 229 –236.
7. Pafilis, P., Theologidis, J., Gaitanaki, K., & Valakos, E. (1999). 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, Comparative Physiology and Biochemistry 124 A (Suppl.): S.139.
8. Dimaki, M., Valakos E.D., Legakis A., Chondropoulos, B. and Bonetti, A. (2001). Preliminary results on the feeding ecology of the African Chamaeleon

*Chamaeleo africanus laurenti*, 1768 from southern Peloponnese, Greece pp. 57-63  
In: P. Lymperakis, E. Valakos, P. Pafilis, M. Mylonas (eds). *Herpetologia Candiana Iraklio* (S.E.H.) 138p.

9. **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. Publications in journals with review from editors

1. **Valakos, E.** & D. Papapanagiotou (1985). The herpetofauna of Kastellorizo (Megisti) island (SE Aegean Archipelago). *Brit. Herp. Soc. Bul.* **13**: 9-12.
2. **Valakos, E.** (1987). New locality records of three Greek reptiles. *OGH - Nachrichten.* **12/13**: 70-71.
3. V. Perez-Mellado V., **E.D. Valakos**, M. J. Gill, F. Guerrero, J. Lulch, P. Navarro, & P. Maragou (1999). Herpetological notes from mainland and insular Greece. *Brit. Herp. Soc. Bul.* **67**: 33-38.

#### E. Publications in proceedings without review

1. **Valakos, E.** (1987). The food of some Lacertidae in the insular ecosystems of the Aegean. *Proc. 4th Ord. Gen. Meet. S.E.H. Nijmegen*, pp. 407 - 410.
2. **Valakos, E.** & A. Vlachopoulos (1987). The feeding ecology of *Cyrtodactylus kotschy* in an insular ecosystem of the Aegean. *Proc. 4th Ord. Gen. Meet. S.E.H. Nijmegen*. pp. 411-414.

#### E. Reviews

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23. 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.
24. 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.
25. 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.
26. 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
27. 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.
28. 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.
29. 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.
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31. 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.
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- depending the area and the age of central Aegean islands. *30<sup>th</sup> Conference of HSBS, Thessaloniki.*
36. Louka P., Simou Ch., Lymberakis P., Pafilis P., **Valakos E.D.** (2009). Strees and physiological mechanism: The case of *Podarcis cretensis*. *31<sup>th</sup> Conference of HSBS, Patra.*
  37. Sagonas K., Kotsakiozi P., Pafilis P., **Valakos E.D.** (2009). Effect of temperature in digestive enzymes' activity in species of the genus *Podarcis*. *31<sup>st</sup> Conference of HSBS, Patra.*
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  39. Firbas P, Kotsakiozi P, Giokas S, Pafilis P, **Valakos ED.** (2009). Ecophysiological responses of *Eobania vermiculata*. Life between aestivations. *31<sup>st</sup> National conference HSBS, Patra.*
  40. Konstantakis A, Kotsakiozi P, Giokas S, Pafilis P, **Valakos E.D.** (2010). Seasonal physiological patterns in *C. eucineta*. *32<sup>nd</sup> National conference HSBS, Karpenisi.*
  41. Kotsakiozi P, Papanikolaou I, Parmakelis A, Giokas S, **Valakos E.D.** (2010). Levels of mitochondrial deversity in *Codringtonia* species of Greece (GASTROPODA, PULMONATA). *32<sup>nd</sup> National conference HSBS, Karpenisi.*
  42. Velona Th., Sagonas K., Fragopoulou A.F., **Valakos E.D.**, Margaritis L.H. (2010). Determination of corticosterone levels and study of the tail regeneration rate in reptiles of the species *Podarcis gaigeae* after exposure to wireless phone base station. *32<sup>th</sup> Pan Conference of HSBS, Karpenisi.*
  43. Bolokouta K., Nikolouzou E., Pafilis P., Tsitsiloni O., **Valakos E.D.** (2010). Does sympatric affect cell mediated in immune responses? The case of the genus *Podarcis* (SAURIA, LACERTIDAE) in Peloponnese. *32<sup>th</sup> Pan Conference of HSBS, Karpenisi.*

#### G. Other publishing activity

- Over of 30 articles in Greek edition of “National Geographic”.
- Over to 15 articles of popular science in the Magazine “ Science and Discovery”

#### **Other activities**

- Member of Scientific Societies:

*Hellenic Zoological Society*

*Hellenic Herpetological Society*

*Hellenic Society of Biological Sciences*

*Society for the Study of Amphibians and Reptiles*

*Societas Europaea Herpetologica*

*British Herpetological Society*

*Asociation Herpetologica Espanola*

*International Gecko Society*

*Osterreichischen Gessellschaft fur Herpetologie*

*American Society of Ichthyologist and Herpetologist*

*The Herpetologist League, Inc*

- Member of the Scientific Board of the 1<sup>th</sup> to 6<sup>th</sup> Symposium on the Lacertids of the Mediterranean Basin.
- Member of the Organizing Comity of the 1<sup>th</sup> Symposium on the Lacertids of the Mediterranean Basin, Mytilini, Lesvos IIs, April 1992
- Member of the National Organizing Comity of the 10<sup>th</sup> Ordinary General Meeting (Societas Europae Herpetologica), Irakleio, Crete, September 1999.
- Foundation member of the Hellenic Herpetological Society.
- Member of the Board of the Hellenic Herpetological Society (1999-2008)
- President of the Organizing Comity of the 6<sup>th</sup> Symposium on the Lacertids of the Mediterranean Basin, Mytilini, Lesvos IIs, June 2008.