

Chris Georgiadis

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EDUCATION

- 2013 PhD in Entomology (Excellent). University of Athens, Greece. Thesis: 'Ecology and foraging strategy of the seed-eating ants of the genus *Messor* in Mediterranean ecosystems of Greece'.
- 2000 MSc Pest Management. University of Newcastle upon Tyne, UK.
- 1999 BSc Animal Science (Hons Wildlife Biology). University of Newcastle upon Tyne, UK.

Additional training

- 2013 5th Central European Workshop of Myrmecology, Innsbruck, Austria.
- 2005 Biodiversity and Bioinformatics Workshop, MAICh-ENVI, Crete, Greece.
- 2003 Subsidiary Body on Scientific, Technical and Technological Advice (SBSTTA) for the Convention of Biological Diversity (CBD) Special Workshop, German Federal Agency for Nature Conservation (Bundesamt für Naturschutz, BfN), Vilm Island, Germany.
- 2001 Practical Computing Courses, National Distance Learning College, UK.
- 1999 Insight to Entrepreneurship, Entrepreneurship Lab, School of Commerce, University of Durham, UK.
- 1995 Freehand and Architectural Design workshop, Plaka's School of Design, Athens, Greece.

TEACHING EXPERIENCE

- Participation in teaching modules: General Zoology I & II, Zoological Diversity, Ichthyology.
- Supervisor of student groups in educational field trips for the Faculty of Biology (Modules: Animal Diversity, Ichthyology), 2005-today.
- Co-supervision of MSc thesis. 2012-today
 - Stylianidi, M. *ongoing*. Beta (β)- and Gamma (γ)- diversity of ants (Hymenoptera: Formicidae) in relation to biogeography and anthropogenic disturbance across an insular gradient in the Aegean Archipelagos, Greece. (*with Assoc. Prof. Dr. David Nash, Centre for Social Evolution, Department of Biology, University of Copenhagen, Denmark*).
- Supervisor for final year theses of senior year students, 2006-today.
 - Papastylianou, K. 2005. Comparative analysis of ant spatial distribution to open and closed habitats of the mountain Chelmos, Peloponnese.
 - Mavrika, M. 2007. Ecology of the ant genus *Messor* in phryganic ecosystems of Attika.
 - Leriadis, C. 2011. Small-scale study of an ant's colony daily phenology towards its foraging activity.
 - Stylianidi, N. 2012. Comparative study of ant assemblages in differentiated ecotopes resulting from Mediterranean forest fires on Mt. Parnitha, Attiki.
 - Sahinoglou, 2012. Effects of Mediterranean wild-fire on spider assemblages (Arachnida: Aeaneae) in *Abies* forests.
 - Fostini, 2012. Variation of ant alate phenology in Crete, Greece.
 - Spyropoulos, S. 2014. The development of a digital identification key for the ants (Hymenoptera: Formicidae) of Greece with an annotated electronic catalogue of relevant material.

- Doukoudaki, E. *ongoing*. Biogeography of the ants of Crete, Greece.
- Saligina, C. *ongoing*. Comparative study of *Aenictus* (Aenictinae: Formicidae) species from Greece and adjacent areas with the use of novel micromorphometry and digitization techniques.
- Sakellariou, E. *ongoing*. Urban biodiversity: Island biodiversity in downtown Athens using ants as bioindicators.
- Bibika, M. *ongoing*. Biogeography of the ants of Andros Island.
- Kozompoli, P. *ongoing*. Biogeography of the ants of Kos Island.
- Tsipouridou, C. *ongoing*. Aspects of western Cyprus myrmecofauna.
- Leonidou, K. *ongoing*. Aspects of eastern Cyprus myrmecofauna.
- Georgantzoglou, M. *ongoing*. The myrmecofauna of the protected area (NATURA 2000) of Strofylia Forest (NW Peloponnese).
- Supervisor of student groups for projects concerning the Zoological Museum of the University of Athens, 2008-today.

INVITED SPEAKER AND EDUCATOR

- European AntCourse. Center for Social Evolution, Department of Biology, University of Copenhagen, Denmark. August 2014.
- 1st Ant Course for Greece, Athens, June 2014 (Organizer & Trainer)
- Workshop for European ants. Skog og Landskap Instituttet, Ås, Norway. October 2013 (Invited Speaker)
- Educator for the Workshop “Unified approach to the methodology of data collection under the European Directives 92/43/EU & 79/409/EU” for Conservation Managers of Protected Areas. Rio, Achaia, Greece, May 2013.

FUNDED RESEARCH PROGRAMS

- Biodiversity study in the area of ‘Eleftherios Venizelos’ airport. University of Patras – International Airport of Athens Inc., 2007 -2008.
- Ecological, genetic and morphological diversification models of fauna on fragmented alpine ecosystems. Ministry of Education/‘Pythagoras II’ Program, 2006-2008
- Ecology and foraging behavior of the genus *Messor* ants in Mediterranean ecosystems of Greece. Ministry of Education/‘Heraclitus’ Program, 2004-2009
- Recording of the ground fauna biodiversity of the National Marine Park of Alonissos and N. Sporades, and production of relevant informative material. Ministry of Environment/Special Fund for the Implementation of Regulatory and Civic Planning, 2003-2004
- Recording and surveying of fauna species – Production of informative and sensitizing material for the fauna of Mt. Chelmos. Ministry of Environment/Special Fund for the Implementation of Regulatory and Civic Planning, 2003-2004
- Study of forest fire influence to the ground-dwelling fauna of alpine forest ecosystems of mountain Taigetos. Special Account for Research Grants (S.A.R.G.), University of Athens, 1999-2000

Studies concerning species and protected area management

- Monitoring of protected species in National Parks and Protected Areas. Ministry of Environment, Energy and Climate Change/University of Athens/ Special Account for Research Grants (S.A.R.G.), 2014 (*ongoing*)
- Input for the preparation on management plans for the areas of Skouli & Alikos river - St. Sozomenos in Cyprus. Ministry of Agriculture, Cyprus/Dept. of Environment, 2006 - 2007
- Administrative assistance towards the implementation of the Convention on Biological Diversity in Greece. Ministry of Environment, 2005

Databases, European research networks, Collection management, Guides

- LifeWatch, e-Science infrastructure for biodiversity and ecosystem research. Institute of Marine Biology and Genetics (IMBG)/ Hellenic Centre for Marine Research (HCMR) – University of Athens. Regional Coordinator, 2014 (*ongoing*).
- Input for the Greek Fauna Database. Hellenic Zoological Society, 1982-*today*
- Updating and republishing the Red Data Book of Endangered Animals of Greece. National Environment Program/Hellenic Zoological Society, 2008
- BioCASE, a Biological Collection Access Service for Europe. EC/DG XII, 2002-2005
- Recording, preservation, classification and presentation of the Zoological Museum material. Ministry of Environment/Special Fund for the Implementation of Regulatory and Civic Planning, 2003-2004

PUBLICATIONS

- Georgiadis, C. & Legakis, A. (*submitted*). Seasonal variation of carry load composition in the harvesting ants of the genus *Messor* (Hymenoptera: Formicidae) in a typical Mediterranean habitat.
- Georgiadis, C., Fostini, K. & Legakis, A. (*submitted*). First records of *Leptanilla* (Hymenoptera: Formicidae) species from Crete and Ikaria, Greece.
- Georgiadis, C., Stylianidi, N., Arianoutsou, M., Radea, K. (*in preparation*). Effects of Mediterranean wild-fire on ant assemblages (Hymenoptera: Formicidae) in *Abies* forest.
- Pafilis, P., Georgiadis, C. & Legakis, A. (eds.). 2012. Book of Abstracts. 12th International Congress On The Zoogeography And Ecology Of Greece and Adjacent Regions (12th IZCEGAR), Athens, Greece. 18-22 June 2012.
- Georgiadis, C. 2013. Ecology and foraging behavior of the genus *Messor* ants in Mediterranean ecosystems of Greece. PhD Thesis, University of Athens, Athens, Greece.
- Georgiadis, C. 2001. Spatial distribution of wood ant (*Formica rufa*) nests in the NE UK, Postgraduate thesis (MSc). University of Newcastle upon Tyne, UK.
- Georgiadis, C. 1999. Comparative study on insect aerodynamics, Final year thesis (BSc Hons). University of Newcastle upon Tyne, UK.

Scientific editorship of translated books

- The Glow of Earth (World contest of wildlife photography: best photos of the past 20 years), 2005. ISBN: 9789608876507, Polaris Publishers, Athens. 224pp. [in greek].
- Animal Life: The Definitive Visual Guide to Animals and Their Behaviour, C. Uhlenbroek (editor), 2009. ISBN: 978-960-6829-08-6, Polaris Publishers, Athens. 512pp. [in greek].

Scientific books and notes

Participation to the Laboratory Exercises Guide of the ‘Animal Diversity’ Module, 2005, 200 pp.

Database management

- Reference database for the ants of Greece. It includes 568 references for the Greek fauna especially noting ants. Software: Endnote.
- Electronic identification key for the ants of Greece. It includes the taxonomy (incl. morphological data), identification key, data on the biology, ecology, distribution and bibliography on the known species of Greek ants. Software: Linnaeus.

CONFERENCE ANOUNCEMENTS

INTERNATIONAL

- Georgiadis, C. & Legakis, A. (2014) Menu choices of a Mediterranean harvester ant. 10th European Congress of Entomology, York, UK. 3 - 8 August 2014.
- Stylianidi, N., Georgiadis, C., Kozompoli, G., Bibika, M., Legakis, A. & Nash, D. (2014) Zoogeography of ants of the Aegean Islands. 17th Congress of the International Union for the Study of Social Insects (IUSI), Cairns, Australia, 13 - 18 July 2014. Book of Abstracts. <http://hdl.handle.net/2123/11235>
- Georgiadis, C., Doukoudaki, E., Fostini, K., Andriopoulos, P., Anastasiou, I. & Legakis, A. (2013) Biogeographical analysis of Cretan (Greece) myrmecofauna. 5th Central European Workshop of Myrmecology, Innsbruck, Austria. 5-8 September 2013. In: Schlick-Steiner B.C., Arthofer W., Steiner F.M. (eds.): Abstract Book of the 5th Central European Workshop of Myrmecology, p. 51. Published by CEWM 2013 Organising Committee, Innsbruck, Austria.
- Georgiadis, C., Spyropoulos, S., Andriopoulos, P. & Legakis, A. (2013) Current aspects of ant biogeography in Greece. 5th Central European Workshop of Myrmecology, Innsbruck, Austria. 5-8 September 2013. In: Schlick-Steiner B.C., Arthofer W., Steiner F.M. (eds.): Abstract Book of the 5th Central European Workshop of Myrmecology, p. 76. Published by CEWM 2013 Organising Committee, Innsbruck, Austria.
- Stylianidi, N., Georgiadis, C. & Legakis A. (2012) Effects of Mediterranean wild -fire on ant assemblages (Hymenoptera: Formicidae) in *Abies* forests. 12th International Congress On The Zoogeography And Ecology Of Greece and Adjacent Regions (12th IZCEGAR), Athens, Greece. 18-22 June 2012. Book of Abstracts. Pafilis, P., Georgiadis, C. & Legakis, A. (eds.), pp. 197.
- Spyropoulos, S., Georgiadis, C. & Legakis A. (2012) The development of a digital identification key for the ants (Hymenoptera: Formicidae) of Greece with an annotated electronic catalogue of relevant material. 12th International Congress On The Zoogeography And Ecology Of Greece and Adjacent Regions (12th IZCEGAR), Athens, Greece. 18-22 June 2012. Book of Abstracts. Pafilis, P., Georgiadis, C. & Legakis, A. (eds.), pp. 46.
- Fostini, K., Georgiadis, C. & Legakis A. (2012) Variation on ant alate phenology in Crete, Greece. 12th International Congress on the Zoogeography And Ecology Of Greece and Adjacent Regions (12th IZCEGAR), Athens, Greece. 18-22 June 2012. Book of Abstracts. Pafilis, P., Georgiadis, C. & Legakis, A. (eds.), pp. 46.
- Georgiadis, C., Sachinoglou, C., Stylianidi, N., Chatzaki, M. & Legakis, A. (2012) Comparative post-fire ecosystem study in *Abies* forest on Mt. Parnitha, using ants and spiders as bioindicators. 6th Panhellenic Ecology Conference, 4-7 Oct. 2012, Athens. Book of Abstracts.
- Georgiadis Ch., Fretzagias C. & Hogan P. (2006). The potential use of web -based imagery for biology applications. 10th International Congress on the Zoogeography and Ecology of Greece and Adjacent Regions, Patras, 26 -30.6.2006.
- Georgiadis Ch. & Legakis A. (2005). Preliminary experiments on the foraging activity of *Messor* ants from Greece. 3rd European Congress on Social Insects, St. Petersburg, 22-27.8.2005
- Georgiadis C. & Legakis A. (2006). Foraging strategy of *Messor* (Forel) seed-eating ants in a Mediterranean-type ecosystem. XV Congress IUSI. Washington DC, 30.7-4.8.2006. Proceedings, pp. 207-208

NATIONAL

- Georgiadis, C., Sachinoglou, C., Stylianidi, N., Chatzaki, M. & Legakis, A. (2012) Comparative post-fire ecosystem study in *Abies* forest on Mt. Parnitha, using ants and spiders as bioindicators. In: Arianoutsou, M. & Dimitrakopoulos, P. (eds.) 2012. Ecological research in Greece: Trends, Challenges, Applications. 6th Panhellenic Ecology Conference, 4-7 Oct. 2012, Athens. Book of Abstracts, p.108.

- Sotiropoulos, K., Eleftherakos, K., Tsaparis, D., Georgiadis, C., Polymeni, R. & Legakis, A. (2006). Metapopulation study of the amphibian *Triturus carnifex macedonicus* and *Triturus vulgaris graecus* at central Zagori region: spatial distribution according to subpopulation size. 3rd Convention of the Hellenic Ecological Society & the Hellenic Zoological Society, Ioannina, 16-19 November 2006. Book of Abstracts, p. 201.
- Georgiadis, C. & Legakis, A. (2008). Ecological diversification models of ants (Hymenoptera, Formicidae) on fragmented mountainous ecosystems. 4th National Conference 'Current trends of ecological research', Volos, 9-12 October 2008. Book of Abstracts, p. 95.

SCIENTIFIC SOCIETY MEMBERSHIPS

Member of: Hellenic Zoological Society (Member of the Board since 2004), Hellenic Ecological Society, International Union for the Study of Social Insects (UK).

Scientific assistant for the program for the implementation of the Convention on Biological Diversity in Greece (2005)

Conference Organizing Committees

Member of the organizing committee for the 2nd meeting of the Mediterranean partners of the Fauna Europaea Network.

Member of the organizing committee for the 10th International Congress on the Zoogeography and Ecology of Greece and Adjacent Regions.

Member of the organizing committee for the 12th International Congress on the Zoogeography and Ecology of Greece and Adjacent Regions.

ADMINISTRATIVE EXPERIENCE

University of Newcastle upon Tyne, UK

Member of the Program of Studies Committee, Dept. of Environmental Studies, 1998 -2000

University of Athens, Greece

Member of the Assembly of the Department of Zoology – Marine Biology, 2004-today

Member of the Zoological Museum Committee, 2009-today

Member of the Program of Studies Committee, Dept. of Biology, 2009-today

MUSEUM RELATED ACTIVITIES

Assistant curator of the entomological collection of the Zoological Museum of the University of Athens, 2004-today

Collections management

- Organization of laboratory and storage areas
- Co-ordination of the maintenance of the invertebrate collections
- Procurement for the entomology section for the collection of new material
- Enrichment of the entomological collection

Scientific Consulting

Scientific consulting on species identification, common animal names, references, museum organization etc.

Language Skills

Greek: Mother tongue, English: Excellent (C2 Level), French: Average (B1 Level), Japanese: Basic (N5 level), Notions of Czech, Italian.

Army Service

Biologist for the Health Core, 2007-2008.

Referees

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