

CV of Dimitrios Kollaros

Education: PhD/MSc Insects' Ecology University of Crete
BSc Biology National University of Athens
Bachelor's thesis. **1980:** Ethological and Ecological notes on a population of *Ligidium cycladicum* (Isopoda, Crustacea) of Tinos Island. National University of Athens.

PhD Thesis: **1992.** Biology and Ecology of superfamily Acridoidea (Orthoptera) on Giouchtas mountain, Crete, Greece. University of Crete. Herakleion.

PRESENT POSITION

Associate Professor in Technological Agriculture School

LANGUAGES:

English, French, Spanish

TEACHING EXPERIENCE

Graduate level

Cell Biology – Plant Anatomy - Morphology

Ecology

Ecosystems' Management

Insect Taxonomy

Entomology (General Part)

All these lessons in the School of Technological Agriculture

Especially ecology and in Technical University in Chania, Crete.

Post-Graduate Level

Contribution to the lectures in "Greek Ecosystems" during three consecutive academic years (1994-95, 1995-96, 1996-97) (in Crete University, Biology Department).

Contribution to the lectures in "Applied Entomology".

One lecture in "Plant Protection" (Negative effects of pesticides).

Organisation and main part of lectures in "Ecology, Biodiversity and Monitoring of species and ecosystems". These three participations in the new post-graduate programme of our School (1st academic year 2015-16).

TEACHING EXPERIENCE ON ADULTS

1. Biology in a series of Seminars for Lecturers of Secondary Schools. (1986-1990).
2. Residents in Ecology in Seminars for agronomists and biologists in TEI Crete.
3. Complementary Education for Agronomists in TEI (twice) (1998-1999 & 1999-2000).
4. Ecological aspects of an olive grove. Seminar for farmers in three regions of Crete and a modified version for agronomists in Athens.

RESEARCH EXPERIENCE

RESEARCH CONTRACTS

Participation in scientific teams

As main applicant:

Comparative study of production system, between these which use mild for the environment and the conventional agricultural methods. Evaluation of agro-ecological and economic consequences. (As coordinator of the programme in the cadre of Research Programmes "ARCHIMEDES II"). **Years:** 2005 2007.

Participation in scientific teams:

As member:

Optimization of inputs (for plant protection and nutrition) in cultivations according the Principles of Integrated Management and Organic Agriculture. (As Researcher in the cadre of Research Programmes “ARCHIMEDES I”). **Years:** 2004 –2006.

Localisation and Protection of endemics, rare and threatened plant species of Crete. Investigation of their cultivating needs, as also the possibilities of their economic exploitation. (As Researcher in the cadre of Research Programmes “ARCHIMEDES I”). **Years:** 2004 –2006.

Note: The Researching Cadre of ARCHIMEDES (I & II), have funds both from E.U. (75%) and National Sources (25%).

Participation in Research Programmes of other Institutions

- Natura 2000 for Greece {Member of the team for Crete – Cyclades – Southern Sporades (Dodecanese)}. (As Researcher in University of Crete, as part of the bigger team of the National University of Athens).
- 2002-2005. Membership in International Bilateral Cooperation Programme (Greece-Romania) as external collaborator of the National Agriculture Foundation of Research (NAGREF).
- **Years:** 2004 –2006. In a Research Programme about biodiversity in Aegean Islands (University of Crete). «PYTHAGORAS: Reinforcement of research groups in Universities» E.P.E.A.E.K II. (140.000 €). “Multidimensional approach of biodiversity in two island groups of the Aegean Sea”. Participation from the Institution of TEI Crete.
- 2010. Coordinator for the participation of TEI CRETE Institution to ESFRI {“LIFEWATCH, Science and technology infrastructure for biodiversity data and observatories” (ESFRI road map)}.

Articles:

1. Catsadorakis G. and **D. Kollaros 1986**. Preliminary notes on the mammalian fauna of the lake Prespa National Park (W. Macedonia, Greece). *Biol. Gallo-Hellen.*, v.12, p. 507-517.
2. **Kollaros D.**, K. Paragamian and A. Legakis **1987**. Notes on the systematics of the cavernicolous Orthoptera of Crete. *Biol. Gallo-Hellen.*, v.13, p. 137-140.
3. **Kollaros D.**, K. Paragamian and A. Legakis **1991**. Revision of the genus *Troglophilus* (Orthoptera, Raphidophoridae) in Crete, Greece. *Int. J. Speleol.*, v.20, p. 37-45.
4. Legakis A., **D. Kollaros**, Z. Kypriotakis, K. Paragamian, A. Trichas, C. Voreadou **1993**. Ecological assessment of the coasts of Crete (Greece). *Coast. Manag.*, v.21, p. 143-154.
5. **Kollaros D.** and A. Legakis **1999**. Differences of the Biological Cycles of some species of Superfamily Acridoidea (Orthoptera), between Northern and Southern Crete. *Contributions to the Zoogeography and Ecology of the Eastern Mediterranean Region. Vol.1* pp. 283-286. Athens, Greece.
6. Roiditakis N.E., **D. Kollaros** and A. Legakis. 2001-2002. Entomopathogens of *Anacidium aegyptium* L. in Crete. *Entomologia Hellenica* v.14, p. 5-10.
7. V.D. Gkisakis, **D. Kollaros** and E.M. Kabourakis. 2014. Soil arthropod biodiversity in plain and hilly olive orchard agroecosystems, in Crete, Greece. *Entomologia Hellenica*. V. 23: 33-43
8. K. Aggelakopoulos, E. Alissandrakis, **D. Kollaros** and Z. Liantraki. 2014. Comparison of two types of pheromone traps for the capture of the red palm weevil (*Rhynchophorus ferrugineus*). *Entomologia Hellenica* 23: 45-51.

9. Z. Liantraki, I. Tzokas and **D. Kollaros**. 2014. Structure of soil biocoenosis and biodiversity in olive orchards of three eastern Mediterranean islands. *Entomologia Hellenica* v. 23: 15-23.
10. I. Tzokas, Z. Liantraki and **D. Kollaros**. 2014. Comparison of coleopteran fauna in olive orchards under different production systems in the Messara's valley, on Crete island, Greece. *Entomologia Hellenica* v. 23: 25-32.
11. Gkisakis V., **D. Kollaros**, P. Bårberi, I. Livieratos & E. Kabourakis. 2015. Soil Arthropod Diversity in Organic, Integrated, and Conventional Olive Orchards and Different Agroecological Zones in Crete, Greece. *Agroecology and Sustainable Food Systems* v. 39, p. 276-294.

Participations in International Congresses:

1. **Kollaros D.** et A. Legakis **1986**. L' importance biogéographique des Orthoptères de la Crete en relation avec les régions avoisinantes. *Comm. Int. Expl. Sc. Mer Medit. (C.I.E.S.M.)* v.30, f.2, p. 99. Mayorca, Spain.
2. Roditakis N.E., **D. Kollaros**, A. Legakis and N. Mantzos **1992**. Pathogenicity of *Beauveria bassiana* (Balls) Vuil. and *Aspergillus flavus* Link on adults of *Anacridium aegyptium* (Orthoptera: Acrididae). *Soc. Invert. Path (SIP). XXV Ann. Meet.* Heidelberg, Germany.
3. Chavres E., **Kollaros D.**, Larentzakis E. & Trichas A. **1999**. Biodiversity comparisons of the ground fauna in vineyards and olive groves in Crete, during two seasons. *8th International Congress on the Zoogeography and Ecology of Greece and adjacent regions*. Kavala, Greece.
4. **Kollaros D.**, E. Kabourakis **2004**. Diversity of soil fauna in abandoned, conventional and organic olive orchards. Initial results pp.563-566. In: *Actas de la Conferencia Mundial de IFOAM sobre el Olivar Ecológico Producciones y culturas 2002. - V Jornadas Internacionales de Olivar Ecológico*. Génave y Puente de Génave Jaén, Spain.
5. **Kollaros D.**, E. Kabourakis, A. Trichas, M. Koufianaki, P. Nousias & E. Kapetanakis. **2005**. Biodiversity of soil fauna in conventional, and organic olive orchards. Results of a semester. *IFOAM AgriBioMediterraneo International Conference on Soil Fertility and Diversity in Mediterranean Agroecosystems*. Ochrid, FYROM.
6. E. Kabourakis, E. Avramakis, **D. Kollaros**, G. Tzaneli, A. Vassiliou. 2005. Flora diversity within an organic, a conventional and an abandoned olive orchard on the island of Crete. *International Symposium on: Organic Agriculture in the Mediterranean: Problems and Perspectives*. 9-11 November 2005, Chania, Crete, Greece.
7. **Kollaros D.**, E. Kabourakis, E. Roditakis, M. Koufianaki, I. Nikoloudakis, G. Milakis & E. Kapetanakis. 2006. Comparative impact of three different cropping systems on the fauna of vineyards in Irakleio, Crete. *10th International Congress on the Zoogeography and Ecology of Greece and Adjacent Regions*, Patra, Greece 26-30 June 2006.
8. **Kollaros D.**, E. Kabourakis, N. Volakakis, I. Xasourakis & E. Kapetanakis. 2006. Impact of different farming practices on the soil fauna of olive groves in Messara, Crete. *10th International Congress on the Zoogeography and Ecology of Greece and Adjacent Regions*, Patra, Greece 26-30 June 2006.
9. **Kollaros D.**, E. Kabourakis, N. Volakakis, I. Xasourakis, P. Psirofonia and E. Kapetanakis. 2007. Impact of different farming practices on the soil fauna of

- olive groves in Messara, Crete. VI Jornadas Internacionales de Olivar Ecológico. 22-25 Marzo, Puente de Génave, Sierra de Segura, Jaén, Spain.
10. Demeridis N., E. Nikolakakis, **D. Kollaros**. 2007. An arthropods database for students. *8th International Conference on Computer Based Learning in Science*. 30 June – 6 July. Heraklion, Crete, Greece.
 11. Aggelakopoulos K., Alissandrakis E. & **D. Kollaros**. 2009. A food web consisting of alien species (poster). *Notes of 11th International Congress on the Zoogeography and Ecology of Greece and Adjacent Regions (ICZEGAR)*, 21-25 September 2009, Herakleion, Crete, Greece, page 91.
 12. Kalogirou M., Z. Liantraki, Z. Maurea and **D. Kollaros**. 2012. Canopies of Mediterranean trees as arthropods habitats. 12th International Congress on the Zoogeography, Ecology and Evolution of Southeastern Europe and the Eastern Mediterranean, Athens 18-22 June 2012. p.71.
 13. Gkisakis V. D., **D. Kollaros**, P. Barberi, I. Livieratos and E. M. Kabourakis. 2014: Soil Arthropod Diversity in Organic, Integrated & Conventional Olive Orchards in Crete. IFOAM, Instabul October 13 to 15.
 14. Gkisakis V. D., **D. Kollaros**, E. M. Kabourakis. 2015. Air arthropod community in the different agroecological zones of the Cretan olive orchards, as determined by environment and farming practices. 13th International Congress on the Zoogeography, Ecology and Evolution of Southeastern Europe and the Eastern Mediterranean. 7-11 October 2015 Irakleion, Crete, Greece.
 15. Ntokos M., **D. Kollaros**. 2015. Differences of soil fauna communities under four tree species. 13th International Congress on the Zoogeography, Ecology and Evolution of Southeastern Europe and the Eastern Mediterranean. 7-11 October 2015 Irakleion, Crete, Greece.
 16. Liantraki Z., K. Kontopyraki, E. Skoulas and **D. Kollaros**. 2015. Differences in activity of soil decomposers during the circadian cycle in an olive orchard (poster). 13th International Congress on the Zoogeography, Ecology and Evolution of Southeastern Europe and the Eastern Mediterranean. 7-11 October 2015 Irakleion, Crete, Greece.

TRANSLATIONS OF SCIENTIFIC BOOK (from English to Greek)

1. Evolutionary Biology (Douglas J. Futuyma). One of the five translators (Zouros coordinator). Published by *Editions* of Cretan University.
2. The Handicap Principle. The missing piece of Darwin's puzzle. (Amotz Zahavi & Avishag Zahavi). One of the four translators and Coordinator too. Published by Kastaniotis Editions, in the series: Evolution and Social Sciences.