



**CURRICULUM VITAE**  
**Athena ECONOMOU-AMILLI**

**FIRST NAME:** Athena

**LAST NAME:** ECONOMOU-AMILLI

**NATIONALITY:** Greek

**FAMILY STATUS:** Married (one son, Dr. of Biology)

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**PROFESSION:** Professor with tenure of Ecology (*'Aquatic Ecosystems with emphasis on Algae'*) in the University of Athens, Faculty of Biology, Department of Ecology & Systematics.

Head in Greek Institutions:

- Department of Ecology and Systematics, Faculty of Biology, University of Athens, Greece (1992-2014)
- Botanical Museum of the Athens University (1992-2014)
- Botanical Garden of the Athens University (2005-2014)
- Faculty of Biology, University of Athens (Deputy Chairperson, 1997-1999)
- Faculty of Biology, University of Athens (President, 2005-2007)

**ADDRESS:** Department of Ecology and Systematics, Faculty of Biology, University of Athens, Panepistimiopolis, ATHENS 15784, Greece.

**LANGUAGES SPOKEN:** Greek (mother tongue), English (good), German (sufficiently), French (fair).

**FELLOWSHIPS:** among others:

- Greek Foundation of Fellowships
- Max-Planck-Gesellschaft Fellowship (Germany)
- University of Copenhagen (Denmark)
- 'Deutsche Akademische Austauschdienst' Fellowship (DAAD, Germany)
- Bulgarian Ministry of Education

**MEMBER OF MANY GREEK AND INTERNATIONAL SCIENTIFIC SOCIETIES**

**ADMINISTRATIVE POSITIONS ABROAD:** among others:

- Societas Internationalis Limnologiae (SIL, National Representative)
- International Society of Diatom Research (Vice President 2000-2002, Elected President 2002-2004, Past President 2004-2006)
- Algological Studies (ex Member of the Editorial Board)

**REFEREE:** among many others, in the International Journals:

- Hydrobiologia
- Algological Studies
- Diatom Research
- Archiv für Hydrobiologie
- Advances in Limnology
- European Journal of Phycology

**Selected Referee:** among others, in volumes of International Symposia. Recentionist in International Journals, e.g. 'Archiv für Hydrobiologie', 'Journal of Phycology'.

**Selected Reviewer:** among others, in many European Research Programmes, e.g. Grant Agency of the Academy of Sciences of the Czech Republic, Research Committee of FAFS (Faculty of Agricultural and Food Sciences) in AUB (American University of Beirut, Lebanon).

**PARTICIPATION** (as invited speaker) in many International Scientific Congresses, Seminars, Working groups and Limnological - Phycological Excursions.

**PARTICIPATION** (as coordinator or scientific responsible) in many funded Research Programmes (see below).

## TEACHING ACTIVITIES (University of Athens)

### A. Undergraduate Studies in the Faculty of Biology

- *Systematic Microbiology* (Obligatory Course for the third year of studies)
- *Limnology* (Optional Course for the fourth year of studies)
- *Hydrobiology* (Optional Course for the fourth year of studies)
- *Botany II* (Obligatory Course for the sophomors)
- *Systematic Botany* (Obligatory Course for the first year of studies)
- *Applied Ecology* (Optional Course for the fourth year of studies)
- *Ecology II* (Obligatory Course for the fourth year of studies)
- *Ecology I* (Obligatory Course for the third year of studies)
- *General Ecology* (Obligatory Course for the sophomors)
- *Supervision of undergraduate thesis* (Obligatory Course for the fourth year of studies)

### B. Postgraduate Studies in Oceanography

- *Marine Botany and Ecology* (Obligatory Course)
- *Marine Microbiology and Primary Productivity* (Obligatory Course)
- *Introduction in Biological Oceanography* (Obligatory Course)
- *Management of Aquatic Resources* (Obligatory Course)
- *Phytoplankton* (Optional Course)
- *Phytobenthos* (Optional Course)
- *Biological Indicators- Ecological Quality of Waters* (Obligatory Course)

### C. Selected Doctoral Dissertations – in Algae (as Main Scientific Responsible, or Reviewer)

- ‘*Studies on the benthic macrophytes (Chlorophyceae, Phaeophyceae, Rhodophyceae) of the Korinthian Gulf*’, I. Bitis (ex Lecturer), 1988.
- ‘*Cyanobacteria from soils of Euboea Island*’, M. Roussomoustakaki (ex Lecturer), 1983.
- ‘*Research on ecology and taxonomy of Diatoms of the lagoons of Messolongi, Aitoliko and Kleissova*’, D. Danielidis (Associate Professor), 1991.
- ‘*Marine eu-endolithic Cyanophytes from limestone coasts of Greece - Systematic and ecological research - Bioerosion*’, A. Pantazidou (Associate Professor), 1991.
- ‘*The microflora of Lake Trichonis (Aetoloakarnania, Western Greece) - Qualitative and quantitative phytoplanton analysis - Seasonal succession*’, T. Tafas (ex Lecturer), 1991.
- ‘*The anaerobic treatment of olive-olive wastes in fixed bed and upflow bioreactors - Anaerobic post-treatment*’, D. Dalis (scientific collaborator), 1991.
- ‘*The microflora of Lake Amvrakia, Western Greece - Systematic and ecological approach*’, M. Spartinou, 1993.
- ‘*The epiphytism of macrophytes in marine areas of Greece*’, M. Belegratis, 2002.
- ‘*The epiphytism of marine habitats in areas of the Aegean Sea with hydrothermal fluxes*’, I. Louvrou (lecturer in practical courses), 2007.
- ‘*Systematics and ecology of microalgae*’, N. Dolapsakis<sup>(+)</sup> (lecturer in practical courses), 2008.
- ‘*Ecology of harmful microalgae and the effect on the marine benthic environment*’, I. Varkitzi, 2009.
- ‘*Allien macroalgae in the sublittoral zone of Greek coasts*’, K. Tsiamis, 2012.
- ‘*Cyanobacteria from Greek caves*’, V. Lamprinou, 2012.
- ‘*The mating systems of the araphid pennate diatom *Tabularia fasciculata**’, Laura Mather [Mount Allison University, as external member of the committee], 2013.
- ‘*Detoxification with the help of biological algal filters of industrial and urban wastes loaded with heavy metals*’, Loutseti (in progress).
- ‘*Diversity of Basidiomycetes (Agaricomycotins) in ecosystems of Thrace (North-Western Greece) and evaluation of their enzymatic potential*’, A. Sergeantani (in progress).
- ‘*Planktic microalgae and biodrastic metabolites*’, E. Kastrikiou (in progress)
- ‘*Ecology and systematics of marine benthic diatoms of the Sarinikos Gulf*’, S. Kafouris (in progress).

- ‘*Effects of anthropogenic activities in the structure, diversity and the trophic relationships of planktic biocommunities of the Aegean*’, G. Papantoniou (in progress).
- ‘*Cyanobacteria in thermal springs - Diversity and Ecology*’ P. Bravakos (in progress).
- ‘*The meadow ecosystem of Posidonia oceanica (L.) Delile as descriptor of the Greek seas*’, V. Gerakaris (in progress).
- ‘*Development and implementation of ecological models in Mediterranean marine habitats and assimilation techniques of ecological satellite data from the models*’, S. Kalaroni (in progress).

## TEACHING ACTIVITIES (abroad)

*Erasmus programmes* (with various Universities mainly in Great Britain and Germany, and also during fellowships or in correlation with the funded research programmes (see below).

Also,

Organization of Transnational Studies Program (currently with participating countries: Greece, Cyprus, Italy, Malta, Lebanon and Egypt) entitled '*Master of Sciences (MSc) in Renewable Bioenergy*', e-learning or distance education. The program objectives are focusing on manipulating theoretical concepts together with a broad range of experimental methods used in Biotechnology and development of renewable bioenergy.

## EDUCATIONAL EDITIONS

1. ‘*Natural History*’, O.E.D.B. (Agency issuing textbooks), Athens 1975 (in coll. with Velliaroutis, textbook for elementary pupils).
2. ‘*Notes on Hydrobiology*’, ‘*Notes on Limnology*’, ‘*Notes on Ecosystems of Surface Waters*’; also ‘*Notes on General Ecology*’, ‘*Notes Systematic Botany*’ (in coll.) for undergraduate students of Biology.
3. ‘*Plant Taxonomy and Biosystematics*’, coll. translation of the original book by CA Stace (1989), (ed. by A. Economou-Amilli, ‘Aei’ 2003 & ‘Kostarakis’ Athens 2014, p. 1-358).
4. ‘*Limnology - Lake and River Ecosystems*’, coll. translation of the original book by RG Wetzel 2001 (ed. by A. Economou-Amilli, ‘Kostarakis’ Athens 2006, p. 1-1110).
5. ‘*Algae*’, coll. translation of the original book by Graham *et al.* 2009 (ed. by A. Economou-Amilli, ‘Kostarakis’ Athens 2011, p. 1-813).
6. ‘*Protected Vertebrates in Attica included in the Directives 92/43/EEC & 79/409/EEC*’ by K.Radea (ed. by A. Economou-Amilli, Botanical Museum of the Athens University, ‘Amvrosiou Bros’ Athens 2005, p. 1-151).
7. ‘*The Biota of Hymettos*’ by Demetriadis *et al.* (ed. by A. Economou-Amilli, Botanical Museum of the Athens University, ‘Amvrosiou Bros’ Athens 2007, p. 1-279).
8. ‘*Biodiversity of Parnassos - Ecosystems and interesting species of Flora and Fauna*’ by Kazanis *et al.* (ed. by A. Economou-Amilli, Botanical Museum of the Athens University, ‘Amvrosiou Bros’ Athens 2011, p. 1-452).

## EDITIONS

- 1 Proceedings of the Symposium ‘*Research of Freshwater Ecosystems*’, Agrinion, February 6-9, 1986, in the framework of the EU General Program ‘Environmental Development Study’ (1986). (A. Economou-Amilli, ed.).

- 2 'European Workshop on Bioclimatic and Land Use Changes', Noordwijkerhout, The Netherlands, October 17-21, 1987 (ed. of vol. F 'Impact Analysis of Climatic Change in the Mediterranean region' by A. Economou-Amilli, A.C. Imeson, S. Stamatik & H. Dumont).
- 3 'Proceedings of the 16th International Diatom Symposium' (2001). (A. Economou-Amilli, ed.), 601 pp., Faculty of Biology, University of Athens.

## RESEARCH INTERESTS

- Floristic studies of the poorly known microflora (mainly algae) of Greece from various hydrohabitats (lakes, rivers, hot springs, lagoons, caves, soil and marine environment).
- Taxonomic studies of recent and fossil algae by a polyphasic approach including morphological (LM, SEM) and molecular data for testing diagnostic features and traits, and for solving taxonomic and phylogenetic problems. The above research activities serve as a background for further ecological studies.
- Hydrobiological surveillance of inland and marine waters. Research is mainly focused on some Greek lakes and rivers (mainly the lake district of Aetoloakarnania, also isolated lakes and rivers of Sterea Hellas and Ipiros, recently of Thessalia and Macedonia). Aim of the study is the evaluation of the structure of aquatic ecosystems on the basis of physicochemical and biological data. Emphasis is given on the: a) quantitative and qualitative analysis of phytoplankton and periphyton, b) assessment of the heterotrophic role of bacteria and of the primary productivity, c) classification of the limnosaprobic lake and/or river status applying biological indices, d) palaeoecological evaluation of fossil algal remains for lake water management.

*This research is conducted in interdisciplinary cooperation with many European Institutes and other scientific centers abroad for reasons of comparative hydrobiology.*

## ASSISTANTSHIPS - FELLOWSHIPS – AWARDS

- Greek Foundation of Fellowships (1964-1968).
- 'Max-Planck-Gesellschaft' Fellowship in the Limnological Institute at Plön, Holstein (Germany). *Purpose:* special methods and techniques with regard to the scanning electron microscope and the plankton treatment (summer 1976).
- Institute of Cytology and Anatomy of Plants, University of Copenhagen. *Purpose:* Chrysophyceae taxonomy and ecology (May-June 1979).
- 'Max-Planck-Gesellschaft' fellowship in the Limnological Institute at Plön, Holstein (Germany). *Purpose:* measurements of primary productivity rates, assessment of bacterial biomass and technical ways of water analysis (summer 1980).
- 'Deutsche Akademische Austauschdienst' fellowship (DAAD) in the Botanical Museum of Berlin. *Purpose:* Taxonomy and ecology of some problematic fresh water algae (June-August 1983).
- Fellowship of the Bulgarian Ministry of Education in the framework of the research and education exchange between Greece and Bulgaria. *Purpose:* Palaeoecology and Systematics of fossil algae.
- 'Max-Planck-Gesellschaft' fellowship in the Limnological Institute at Plön, Holstein, in the Research Centre Senckenberg at Lochmühle (Germany) and the University of Joensuu (Finland). *Purpose:* Limnological Research on a common scientific programme for the Greek Lakes financed by the EEC (summer-autumn 1988).
- Berlin Humboldt University (April-May 1990).
- Participation (as invited speaker) in many International Scientific Congresses, seminars, working groups and limnological-phycological excursions (1988-2014) in the framework of various research projects (see below).

## RESEARCH IN SCIENTIFIC CENTERS ABROAD (funded through fellowships)

- Biological Institute of the University of Zagreb, after an invitation by Prof. A. Jurilj. *Purpose:* Taxonomy and Systematics of Diatoms (June-August 1972).
- Institute of Botany and Microbiology of the Technical University of Zagreb, after an invitation by Prof. Pavletic. *Purpose:* microbiological methods and techniques in aquatic ecosystems (June-August 1972).
- Department of Aquatic Botany and Phycology, Botanical Institute of the Czechoslovakian Academy of Sciences at Trebon (Prof. J. Komarek).
- Department of Botany, Museum of Natural Sciences of Hungary in Budapest (Dr. M. Hajos).
- Institute of Systematic Botany and Plant Geography, University of Sofia, Bulgaria (Doz. Dr. D. Temniskova).
- Institute of Hygiene, University of Copenhagen (Dr. Fjerdingstad).
- Botanical Museum in Berlin (Prof. J. Gerloff, Prof. U. Geissler).
- Institute of Marine Research, Bremerhafen (Dr. R. Simonsen). *Purpose:* Systematics and Ecology Ecology of Algae (summer 1976).
- Museum of Natural History in Budapest (Dr. M. Hajos). Biological Institute of the Academy of Sciences of Hungary. *Purpose:* Diatom Systematics (September 1980).
- Milano. *Purpose:* Greek representative of the 5th group on 'Ecological Effects of Freshwater Pollution' (May 1983).
- Institute of Waste Biotechnology, University of Karlsruhe (Prof. L. Hartman). *Purpose:* Biological methods and techniques on waste treatment (summer 1983).
- Institute of Systematic Botany and Phytogeography of the University of Sofia (Prof. D. Temniskova-Topalova).
- Institute of Marine Phytoplankton, Hydrobiological Station of Varna (Dr. Vera Petrova).
- Institute of Botany of the University at Plovdiv (Prof. D. Vodenicarov). *Purpose:* Sediment assessment based on algal fossils as well SEM analysis of the fossilized Neogene strata of Greece and Bulgaria (July 1985).
- Institute of Plant Cytology and Anatomy of the University of Copenhagen (Prof. T. Christensen, Prof. J. Kristiansen). *Purpose:* Taxonomy of Chrysophyceae (August 1985).
- Botany Institute of the Royal Holloway College of London (Prof. J. Dodge). *Purpose:* Contemporary techniques of electron microscopy and systematics of dinoflagellates.
- Department of Botany in the University of Bristol, U.K. (Prof. F. Round). *Purpose:* Ecology of running waters (August 1986).
- Botanical Institute of the Czecho-Slovak Academy of Sciences at Trebon (Prof. J. Komarek. *Purpose:* Systematics of chlorophytes (June 1987).
- Humboldt University of Berlin (Prof. J. Kohl). *Purpose:* Collaboration from April 1988 for ecological studies on some Greek algae.

## ORGANIZATION OF MEETINGS AND SYMPOSIA

- 'Plant, Animal and Microbial Adaptations to Terrestrial Environment', Chalkidiki, September 26 - October 2, 1982 (member of the Organizing Committee).
- '2nd Symposium of the Hellenic Botanical Society', Athens, May 1982 (member of the Organizing Committee).
- Symposium of the European Communities members participating in the 'Research for Freshwater Ecosystems' at the framework of the EEC Programme for Environmental Developmental Research, Agrinion, February 6-9, 1986 (main organizer).
- Mini-workshop of members of the Mediterranean countries at the framework of the 'European Workshop on Bioclimatic and Land Use Changes'. Athens, May 8-11, 1986 (main organizer).
- '10th International Symposium on Taxonomy of Cyanophytes', Athens, September 1-14, 1986 (vice-president of the Organizing Committee).
- European Workshop on 'Interrelated Bioclimatic and Land Use Changes' Noordwijkerhout, The Netherlands, October 1987. Co-editor of volume F (*Impact Analysis of Climatic Change in the Mediterranean Region*) of the Proceedings.

- *'III Balkan Congress on Electron Microscopy'*, Athens, September 18-22, 1989 (member of the Organizing Committee).
- *'12th International Diatom Symposium'*, Renesse (The Netherlands), August 30 - 5 September 1992 (convener, member of the Scientific Committee)
- Conference on the *'Museums of the Athens University'*, Athens, May 20, 1994 (member of the Organizing Committee).
- *'5th Scientific Congress of the Greek Botanical Society'*, Delphi, October 21-23, 1994 (member of the Organizing Committee).
- *'7th International Phycological Congress'*, Thessaloniki, 2001 (member of the International Scientific Committee, convener of the session 'Alveolates: Changing concepts and total evidence').
- Electronic conference *'Developing an Agenda for Research on Ecosystems'*, June 22-27, 1998. Convener of the session 'Methodology: Renewing the scientific paradigm' (co-chair with G. Sillence).
- *'15th International Diatom Symposium'*, Perth (Australia), September 28 - 2 October, 1998 (convener, scientific committee).
- *'16th International Diatom Symposium'*, Athens, August 25-September 1, 2000 (Chair).
- *'Algae and Extreme Environment - Ecology and Physiology'*, Trebon (Czech Republic), September 11-16, 2000 (member of the International Scientific Committee).
- *'14<sup>th</sup> International Conference on Harmful Algae'*, Hersonissos, Crete, Nov. 1-5, 2010 (member of the Local Organizing Committee).
- *'8<sup>th</sup> European Phycological Congress'*, Rhodes Island, September 4-9, 2011 (member of the Organizing Committee).
- *'Algae Culture and Identification Techniques'* Training workshop of Med-algae ('Production of biodiesel from algae in selected Mediterranean countries'), Athens, February 11-15, 2013 (main organizer).

## **FINANCED RESEARCH PROGRAMMES**

(except of those exclusively funded by Greek authorities at the University of Athens)

- *'Hydrobiological surveillance for a biotypological classification and management of inland waters of Greece.- The Aetolian-Alarnanian water basin, Central Western Greece'*, funded by the Commission of the European Communities for the years 1984-1987 (project leader).
- *'Aerobic post-treatment of the anaerobic pre-treated liquid waters from olive oil mills by using a rotating disc reactor with longitudinal flow'*, funded by the European Communities for the years 1984-1985 (co-researcher).
- *'Abwasserverwertung-Abwasserbehandlung von Lebensmittel Industrie'*, funded by the Volkswagen (VW-Stiftung) Foundation in cooperation with the 'Institut für Ingenieurbiologie und Biotechnologie des Abwassers' (co-researcher).
- *'Limnological Studies of the Aetoloakarnanian Lakes,'* funded by the Volkswagen (VW Stiftung) Foundation for the years 1985-1988 (co-researcher in collaboration with the Max-Planck Institute of Limnology, Germany).
- *'Hydrobiological surveillance of selected hydrobiotopes of Aetoloakarnania, Greece'*, funded by the European Communities Commission for the years 1988-1992 (project leader in collaboration with the Max-Planck Institute of Limnology, Germany and the University of Gent, Belgium).
- *'Floodplain lake management of the Lower Niger Delta in Nigeria - Ecology, stock assessment and improvement of exploitation'*, funded by the EEC for the years 1990-1993 [co-researcher in collaboration with the University of Gent (Belgium), Valencia (Spain) and Port Harcourt (Nigeria)].
- *'Productivity in Antarctic coasts'*, a project in collaboration with the Hydrobiological Institute of Trebon, Czech Republic, and the University of Moskau, Russia, funded for the year 1993 (member of the 'Coordination Committee on European Arctic Ecological Research').
- *'Exchange of students - Research and teaching activities'*, Erasmus programme for the years 1990-1991 and 1993-1994 (in collaboration with Portsmouth and Wolverhampton Universities, U.K.).
- *'Lake N. Plastira catchment area - A pilot case-study for sustainable development'*. DG XI /93/GR/A152GR/4509, Life project for Development for the years 1993-1996 (project leader).



- '*Biochemical nutrients cycling in large river systems*', funded by the EU (DG XII, Contract EV5V-CT94-0495) for the years 1994-1996 [co-researcher in collaboration with the University of Paris (P. & M. Curie, CNRS), Brussels, Exeter (UK) and Thessaloniki (Project leader: Prof. De Marsily)].
- '*Hydrothermal fluxes and biological production in the Aegean*', funded by the EU (MAST-III Proposal, PL 950135) for the years 1996-1998 [co-researcher in collaboration with Universities and Research Centers of UK, *i.e.* University of Wales Bangor (co-ordinating), Italy (Oceanographic Station and Marine Environment Research Centre, La Spezia), Monaco (International Atomic Energy Authority, Marine Environmental Centre), Germany (Universities of Kiel and Karlsruhe, Max Planck Institute for Marine Biology, Bremen), Denmark (National Environmental Research Institute, Silkeborg)].
- Educational Exhibition '*Attica Landscape and Environment*', established as a permanent exhibition at the Botanical Museum of the Athens University, and funded by the Greek Ministry of Planning and Environment for the years 1996-1998 with further extension (scientific responsible and project leader).
- '*Cryopreservation of microalgal species for aquaculture applications*', funded by GGET Common Research and Technology Programmes between Greece and China for the years 1998-1999 (scientific collaborator).
- '*Detoxification of factory and wastewater treatment plants for removal of heavy metals via biological filters made of algae*', funded for the years 1998-2000 in the framework of an EPET II 1997 programme (scientific responsible).
- '*Recording of the historical herbarium specimens of the Botanic Museum of the Athens University*', funded for the years 1998-2000 in the framework of an EPET II programme 'Database development and information about science and technology' (scientific responsible).
- '*Using of DAPI staining in combination with picture analysis as a tool for estimation of digestibility of algae by Artemia salina grown in aquaculture*', funded by NATO for the year 1999 by the Division of International Finance of the Ministry of National Economy for the invitation of Czech scientists (scientific responsible).
- '*Using of microbiotest with algae in aquaculture applications*', funded by NATO for the year 1999 by the Division of International Finance of the Ministry of National Economy for the invitation of Czech scientists (scientific responsible).
- '*The biomass of the brine shrimp Artemia as food with multipurpose use in aquaculture*', funded for the year 1999 in the framework of an EPET II programme (scientific collaborator).
- '*Microalgae as a source of bioactive metabolites in aquaculture and human health*', funded for the year 1999 in the framework of an EPET II programme (co-researcher).
- '*The diatoms as bio-indicators in marine coastal ecosystems of Greece (Messolongi Lagoons) and Poland (Szczecin Lagoon)*', funded for the years 2003-2005 by Joint Research and Technology Programmes between Greece and Poland' (co-researcher).
- '*Determination of harmful microalgae in marine ecosystems*', funded by Ikonysys Inc., USA (scientific responsible).
- '*Systematics and Ecology of microalgae*', funded for the years 2002-2007 in the framework of 'Herakleitos' Programmes (project leader).
- '*The phytoplankton from lagoons of Epirus: Investigation for species with positive of negative impact on Greek coastal aquacultures*', funded for the years 2005-2007 in the framework of 'Pythagoras' II, Programmes (project leader).
- '*Taxonomy and ecology of microalgae with classical methodology and molecular approach – The genus Prorocentrum*', funded for the years 2006-2007 by the GSRT of Greece (project leader).
- '*Production of biodiesel in selected Mediterranean countries, MED-ALGAE*', a current three-year EU project with Reference Number: I-B/2.2/099 (ENPI CBCMED, European Neighborhood Policy and of its financing Instrument, Cross-Border Cooperation 'Mediterranean Sea Basin Program'), with participating countries: Greece, Cyprus, Italy, Malta, Egypt, Lebanon (scientific responsible).
- '*The relative role of niche and neutral mechanisms in controlling phytoplankton genetic and morphological diversity - Ecogene*', a current 26-month project funded in the framework of 'Aristeia II' programmes [in collaboration with the Aegean University (coordinator), and the Universities of Thessalia and Ioannina (co-researcher)].



## V. PUBLISHED PAPERS

- 1<sup>M</sup> **Economou-Amilli A.** (1976): On Diatoms from thermal springs of Greece. Taxonomic, ecological, floristic and phytogeographical research. p. 1-238, 1-243 figs + 19 tabl. (Gr., En. summ.).– Diss. Inst. Syst. Botany, Athens Univ., Athens.
- 2<sup>T\*</sup> **Economou-Amilli A.** (1977): Ecological remarks from some Greek thermal springs.– Proc. Intern. Congr. Thermal Waters, Geoth. Energy & Vulcanism Mediter. Area, 2: 113-140, Athens.
- 3<sup>T\*</sup> Anagnostidis K. & A. **Economou-Amilli** (1978): Microorganisms from the volcano of Nea Kammeni Island (Santorini).– ‘*Thera and the Aegean World*’, 1: 707-723, London.
- 4<sup>Δ</sup> **Economou-Amilli A.** (1979): Two new taxa of *Cyclotella* Kützing from Lake Trichonis, Greece.– *Nova Hedwigia*, 31: 467-477.
- 5<sup>Δ</sup> **Economou-Amilli A.** (1980a): Marine Diatoms from Greece. I. Diatoms from the Saronikos Gulf.– *Nova Hedwigia*, 32: 63-104.
- 6<sup>Δ</sup> Anagnostidis K. & A. **Economou-Amilli** (1980b): Limnological studies on Lake Pamvotis (Ioannina), Greece. I. Hydroclimatology, phytoplankton - periphyton with special reference to the valency of some microorganisms from sulphureta as bioindicators. With an appendix by J. Overbeck.– *Arch. Hydrobiol.*, 89: 313-342.
- 7<sup>Δ</sup> **Economou-Amilli A.** (1980c): Periphyton analysis for the evaluation of water quality in running waters of Greece.– *Hydrobiologia*, 74: 39-48.
- 8<sup>Δ</sup> **Economou-Amilli A.** & K. Anagnostidis (1981a): Periphyton algae and bacteria from the springs of Levadia (Boeotia), Greece.– *Hydrobiologia*, 80: 67-89.
- 9<sup>Δ</sup> Anagnostidis K., **Economou-Amilli A.** & A. Tsagridis (1981b): Taxonomic and floristic studies from rice-fields of Kalochorion-Thessaloniki, Greece.– *Nova Hedwigia*, 34: 1-66.
- 10<sup>E</sup> Anagnostidis K., **Economou-Amilli A.** & A. Pantazidou (1981-82): On the microflora of cave Perama, Ioannina.– *Bull. Soc. Spelaeol. Grèce*, 18: 458-530 (Gr., En. summ.).
- 11<sup>E\*</sup> **Economou-Amilli A.** & D. Danielidis (1982b): SEM-Observations on the structure of some marine Diatoms from Greece.– *Bot. Chron.*, 2(2): 117-130 (Gr., En. summ.).
- 12<sup>E\*</sup> **Economou-Amilli A.** (1982c): *Achnanthes longipes* Ag. (Bacillariophyceae): SEM-Studies on valve and girdle morphology.– *Bot. Chron.*, 2(2): 102-108 (Gr., En. summ.).
- 13<sup>E\*</sup> **Economou-Amilli A.** (1982d): SEM-Observations on valve and girdle morphology of *Navicula confervacea* (Kütz.) Grun. (Bacillariophyceae).– *Bot. Chron.*, 2(2): 109-116 (Gr., En. summ.).
- 14<sup>Δ</sup> **Economou-Amilli A.** (1982e): SEM-Studies on *Cyclotella trichonidea* (Bacillariophyceae).– *Arch. Hydrobiol. Suppl.* 63,1, *Algological Studies* 30: 25-34.
- 15<sup>Δ</sup> Overbeck, J., Anagnostidis, K. & A. **Economou-Amilli** (1982f): A limnological survey of three Greek lakes, Trichonis, Lyssimachia and Amvrakia.– *Arch. Hydrobiol.*, 95: 365-394.
- 16<sup>T\*</sup> **Economou-Amilli A.**, Vokou D., Anagnostidis K. & N. Margaris (1982g): Leaf morphology of *Thymus capitatus* (Labiatae) by scanning electron microscopy (SEM).– In: N. Margaris, A. Koedam, D. Vokou (eds) ‘*Aromatic Plants: Basic and Applied Aspects*’, p. 13-24, Martinus Nijhoff Publ., The Netherlands.
- 17<sup>M</sup> **Economou-Amilli A.** (1982h): SEM-Studies on planktonic Dinoflagellates from Greece. Analysis and evaluation of morphological characteristics of the theca.– *Mag. Thesis*, Inst. Syst. Bot. Univ. Athens, 157 pp., 168 figs, Athens (Gr., En. summ.).
- 18<sup>E\*</sup> Anagnostidis K., **Economou-Amilli A.** & L. Koumbli-Sobantzi (1982i): The aquatic fern *Azolla filiculoides* Lam., its *Anabaena* symbiont and periphyton in lake Trichonis, Greece.– *Bot. Chron.*, 2: 190-191 (Gr., En. sum.).
- 19<sup>Δ</sup> Anagnostidis K., **Economou-Amilli A.** & M. Roussomoustakaki (1983): Epilithic and chasmolithic microflora (Cyanophyta, Bacillariophyta) from marbles of the Parthenon-Acropolis, Athens, Greece.– *Nova Hedwigia*, 38: 227-287.
- 20<sup>T\*</sup> **Economou-Amilli A.**, Anagnostidis K. & M. Roussomoustakaki (1984a): Structural aspects on the adaptation of some Blue-green algae and Diatoms to desiccation.– In: N. Margaris, M. Arianoutsou-

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## VIII. BOOK REVIEWS

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