

Name and Surname: **NICOLAS-GEORGE ELIADES**
Work address: Nature Conservation Unit
7, Yianni Freiderickou, Pallouriotissa
1036, Nicosia, Cyprus.
P.O. box 24729, 1303 Nicosia, Cyprus.
E-mail address: res.en@frederick.ac.cy / niceliades@gmail.com

EDUCATION

- **Doctor of Philosophy (Ph.D.)**, Georg-August University Göttingen (Initiative of Excellence, Universities of Germany), Section of Forest Genetics and Forest Tree Breeding, Büsgen-Institute, Faculty of Forest Sciences and Forest Ecology. (2005-2008)
Doctoral thesis: Fingerprinting of genetic diversity and patterns of spatial genetic variation in the endemic tree *Cedrus brevifolia* (Hook f.) Henry from Cyprus: implications for its conservation.
- **B.Sc / MSc** in Forestry and Management of the Environmental and Natural Resource, Demokritus University of Thrace. (1999-2004)
Senior thesis: Description of genetic variety of natural populations of the Cyprus endemic plant *Quercus alnifolia* Poech in accordance with morphological characteristics. (Forest Genetics Laboratory)

PROFESSIONAL EXPERIENCE

- July 2013 — today. Frederick University. **Scientific Coordinator / Conservation Expert** of project: Improving the conservation status of the priority habitat type 9560* (Endemic forests with *Juniperus* spp.) in Cyprus. (JuniperCY; LIFE10 NAT/CY/000717)
- Aug. 2011- today. Frederick Research Centre. **Postdoctoral fellow** of project: Vulnerability of the narrow endemic *Cedrus brevifolia* from Cyprus: Detection of genes and phenotypic trait diversity linked to adaptation. (DIDAKTOR/0609/13).
- January 2010 – June 2013. Frederick University. **Project Manager** of project: Establishment of a Plant Micro-reserve Network in Cyprus for the Conservation of Priority Species and Habitats. (PLANT-NET CY; LIFE08 NAT/CY/000453)
- May 2009 – Oct. 2009. **Scientific Consultant** of Cyprus Federation of Environmental and Ecological Organizations.

SCHOLARSHIPS AND GRANTS

- Research Promotion Foundation (RPF) of Cyprus: grant under the frame of “Didaktor” Programme: Project DIDAKTOR/0609/13
- Cooperative Savings Bank, Pitsilia Nicosia LTD: grant for Doctoral Thesis publication.
- Cyprus Ministry of Finance (Cyprus State Scholarships Foundation - I.K.Y.K.): grant for postgraduate studies.
- A.G. Leventis Foundation: academic scholarship

LANGUAGES

- Greek (native)
- English
- German

RESEARCH INTERESTS

- Temporal and Spatial population genetic on wild organisms.
- Ecological Genetics.
- Dynamics of biodiversity and evolution of populations (Past dynamics of diversity-Response of populations to global change-Future Dynamics of diversity).
- Human impact on genetic structure and diversity of wild populations.
- Conservation and sustainable management of genetic resources – Develop conservation strategies (*in situ* and *ex situ* conservation measures).
- Adaptive diversity of interspecific and ecological processes, as a result of climatic changes.
- Phylogenetic and phylogeographic relationships among species/populations.

PUBLICATIONS OF RESEARCH WORK

Books or Chapter in books

- **Eliades N.-G.** (2008). Fingerprinting of genetic diversity and patterns of spatial genetic variation in the endemic tree *Cedrus brevifolia* (Hook f.) Henry from Cyprus: implications for its conservation. Optimum Verlag, Germany. (ISBN 978-9963-9412-0-9 / ISBN 978-3-941274-06-8).
- Kadis C., Andreou M., Kouzali I., Kounnamas C., Constantinou C., **Eliades N.-G.** (2013). Establishment of a Plant Micro-Reserve Network in Cyprus for the Conservation of Priority Species and Habitats. In: Kadis C., Thanos C.A., Laguna Lumbreras E. (eds). Plant Micro-Reserves: from theory to practice. Experiences gained from EU LIFE and other related projects. Utopia Publishing, Athens. (ISBN 978-618-80647-2-0)

Articles in peer-viewed journals

- Papageorgiou A.C., Tsiripidis I., Mouratidis Th., Hatziskakis S., Gailing O., **Eliades N.-G.**, Vidalis A., Drouzas A. D., Finkeldey R. (2014). Complex fine-scale phylogeographical patterns in a putative refugial region for *Fagus sylvatica* (Fagaceae). Botanical Journal of the Linnean Society: DOI: 10.1111/boj.12148
- Sertse D., Gailing O., **Eliades N.-G.**, Finkeldey F (2013). Transferability and application of microsatellites (SSRs) from *Juniperus communis* L. to *Juniperus procera* Hochst. Ex endl. Open Journal of Genetics: 3, 115-126. (DOI:10.4236/ojgen.2013.32015)
- **Eliades N.-G.**, Gailing O., Leinemann L., Fady B., Finkeldey R. (2011) High genetic diversity and significant population structure in *Cedrus brevifolia* Henry, a narrow Mediterranean endemic tree from Cyprus. Plant Systematics and Evolution 294: 185-198. (DOI: 10.1007/s00606-011-0453-z)
- Sertse D., Gailing O., **Eliades N.-G.**, Finkeldey R. (2011). Anthropogenic and natural causes influencing population genetic structure of *Juniperus procera* Hochst. ex Endl. in the Ethiopian highlands. Genetic Resources and Crop Evolution 58: 849-859. (DOI: 10.1007/s10722-010-9623-z)

Peer-viewed articles in proceedings of Conferences

- Kadis C., Pantazi Chr., Tsindidis T., Christodoulou S.C., Papadopoulos M., Thanos C.A., Georgiou K., Kounnamas C., Constantinou C., Andreou M., **Eliades N.-G.** (in press).

- Establishment of a Plant Micro-reserve Network in Cyprus for the Conservation of Priority Species and Habitats. 2nd Botanical Conference in Menorca 'Islands and Plants: preservation and understanding of flora on Mediterranean islands', 26th - 30th April 2010, Menorca, Spain.
- Kadis C., Pantazi Chr., Tsintides T.C., Christodoulou C.S., Thanos C.A., Georghiou K., Kounnamas C., Costantinou C., Andreou M., **Eliades N.-G.** (2010). Establishment of a Plant Micro-Reserve Network in Cyprus for the Conservation of Priority Species and Habitats. In: Proceedings of the 1st International Bi-communal Conference held in Cyprus on Biodiversity, TOP Biodiversity, 3rd - 4th June, 2010, Larnaca, Intercollege-Larnaca and Friends of Nature Cyprus International, Larnaca, Cyprus, 113 – 120 pp. (ISBN 978-1-4457-8550-9).
 - Mouratidis T., Hatziskakis S., **Eliades N.-G.**, Tsiripidis I., Finkeldey R. and Papageorgiou A.C. (2009). Patterns of cpDNA diversity within a beech refugial area. In: Proceedings of the International Conference “Hotspots of Ancient and Present Genetic Diversity”, 17th -20th June, 2009, Sofia. University of Forestry, Sofia, Bulgaria.
 - Χατζησκάκης Σ., Βιδάλη Α., Gailing O., Finkeldey R., **Ηλιάδης, Ν.-Γ.**, Παπαγεωργίου Α.Χ. (2006). Ποικιλότητα της οξιάς στην Ελλάδα σε δείκτες χλωροπλαστικού DNA και μορφολογικούς χαρακτήρες. Πρακτικά 3^{ου} Διεθνούς Συνεδρίου της Ελληνικής Οικολογικής Εταιρείας και της Ελληνικής Ζωολογικής Εταιρείας, 16^η – 19^η Νοεμβρίου, 2006, Ιωάννινα, Ελλάδα, σελ. 477-484.
 - **Ηλιάδης Ν.-Γ.**, Παπαγεωργίου Α.Χ., Τσιριπίδης Ι., Γαλασιδάς Σ. (2004). Ποικιλότητα μορφολογικών χαρακτήρων στα φύλλα του *Quercus alnifolia* Roech. Πρακτικά 1^{ου} Πανελληνίου Περιβαλλοντικού Συνεδρίου, 7^η – 9^η Μαΐου 2004, Ορεστιάδα. Γεωτεχνικό Επιμελητήριο Ελλάδας, Θεσσαλονίκη, Ελλάδα, σελ. 740-748.

Abstracts in proceedings of Conferences

- **Eliades N.-G.**, Papageorgiou A. C., Manolis A., Pirikis A., Christou A., Tsintides T., Fady B., Kadis C. (2013). Assessment of *Cedrus brevifolia* Henry needles' phenotypic characteristics based on morphometry for fingerprinting adaptive characteristics in different distribution sites. In: Gkelis S., Karousou R., Kokkini S., Panteris E. (Eds). Program and Abstracts. 13th Panhellenic Scientific Conference, Hellenic Botanical Society, 3-6 October 2013, Thessaloniki, Greece.
- **Eliades N.-G.** (2013) Narrow endemic species with genetic diversity and population structure: The case of *Cedrus brevifolia* Henry. In: Gkelis S., Karousou R., Kokkini S., Panteris E. (Eds). Program and Abstracts. 13th Panhellenic Scientific Conference, Hellenic Botanical Society, 3-6 October 2013, Thessaloniki, Greece.
- Andreou M., Kounnamas C., Kouzali I., **Eliades N.-G.**, Tsintides T., Christodoulou Ch., Zomeni M, Vogiatzakis I, Kadis C. (2013). Improving the conservation status of the priority habitat types *1520 and *5220 at the Rizoelia National Forest Park. In: Gkelis S., Karousou R., Kokkini S., Panteris E. (Eds). Program and Abstracts. 13th Panhellenic Scientific Conference, Hellenic Botanical Society, 3-6 October 2013, Thessaloniki, Greece.
- Kadis C., Tsintidis T., Christodoulou S.C., Papadopoulos M., Georghiou K., Thanos C.A., **Eliades N.-G.**, Kounnamas C., Constantinou C., Kouzali I., Andreou M. (in press). Plant Micro-Reserves and ex situ conservation of priority species/habitats in Cyprus. 6th European Botanic Gardens Congress “European Botanic Gardens in a Changing World”. 28th May – 2nd June 2012. Chios, Greece.

- Kadis C., Pantazi Chr., Tsindides T., Christodoulou S.C., Papadopoulos M., Thanos C.A., Georghiou K., Kounnamas C., Constantinou C., Andreou M., **Eliades N.-G.** (2011). Establishment of a Plant Micro-reserve Network in Cyprus for the Conservation of Priority Species and Habitats. 2nd Botanical Conference in Menorca – ‘Islands and Plants: preservation and understanding of flora on Mediterranean islands’, 26th - 30th April 2011, Menorca, Spain.
- Kadis C. Tsintides C.T., Christodoulou Ch. Papadopoulos M., Thanos C.A., Georghiou K., Kounnamas C., Constantinou C., Andreou M., **Eliades N.-G.** (2011). Conservation of the endemic orchid of Cyprus *Ophrys kotschyi*. 5th International conference of the International Biogeography Society, 7– 11 January 2011, Irakleio, Crete, Greece, 123 pp.
- Καδής Κ., Πανταζή Χ., Τσιντίδης Τ., Χριστοδούλου Χ., Θάνος Κ., Γεωργίου Κ., Κουνναμάς Κ., Κωνσταντίνου Κ., Ανδρέου Μ., **Ηλιάδης Ν.-Γ.** (2010). Δημιουργία Δικτύου Μικρο-αποθεμάτων Φυτών στην Κύπρο για τη διατήρηση ειδών και οικοτόπων προτεραιότητας. 5^ο Πανελλήνιο Συνέδριο Οικολογίας - «Οικολογικές διεργασίες στο χώρο και το χρόνο», Ελληνική Οικολογική Εταιρεία - Ελληνική Ζωολογική Εταιρεία - Ελληνική Βοτανική Εταιρεία, 7^η - 10^η Οκτωβρίου 2010, Πάτρα, Ελλάδα, σελ. 148.
- Kadis C., Pantazi Chr., Tsintides T.C., Thanos C.A., Georghiou K., Kounnamas C., Constantinou C., Andreou M., **Eliades N.-G.** (in press). The protection and legal status of Plant Micro-Reserves within forest areas in Cyprus. 12th International Symposium on Legal Aspects of European Forest Sustainable Development, 31st May – 2nd June, 2010, PANAGROTİKOS – IUFRO, Limassol, Cyprus.
- Sertse D., Gailing O., **Eliades N.-G.**, Finkeldey R. (2009). Tracking the original gene source of a *Juniperus procera* Hochst.ex Endl. population at Menagesha-Suba, central Ethiopian Highlands. In: Book of Abstracts, 2nd World Congress of Agroforestry. Agroforestry - The Future of Global Land Use, 23rd – 28th August 2009, Nairobi, Kenya, 85 pp. (ISBN: 978-92-9059-255-6).
- Παπαγεωργίου Α.Χ., Μουρατίδης Θ., Τσιριπίδης Ι., Χατζησκάκης Σ., **Ηλιάδης Ν.-Γ.**, Finkeldey R. (2009). Σύνθεση απλοτύπων χλωροπλαστικού DNA σε πληθυσμούς οξιάς του όρους Παγγαίου. Τεύχος Περιλήψεων του 11^{ου} Πανελληνίου Συνεδρίου της Ελληνικής Βοτανικής Εταιρείας, 8^η – 11^η Οκτωβρίου 2009, ΕΚΠΑ, Αθήνα, Ελλάδα, σελ. 129.
- Stefenon V., **Eliades N.-G.**, de Sousa S.N., Gailing O., Finkeldey R. (2007). Assessment of fine-scale genetic structure in three conifer species. 37th Jahrestagung der Gesellschaft für Ökologie, 10th – 14th September 2007, Marburg, Germany.
- **Ηλιάδης Ν.-Γ.**, Gailing O., Παπαγεωργίου Α.Χ., Finkeldey R. (2006). Αποτύπωση της γενετικής ποικιλότητας του κυπριακού κέδρου (*Cedrus brevifolia*): σημαντικός παράγοντας για την αιεφόρο διαχείριση του. Τεύχος Περιλήψεων του 3^{ου} Διεθνούς Συνεδρίου της Ελληνικής Οικολογικής Εταιρείας και της Ελληνικής Ζωολογικής Εταιρείας. 16^η – 19^η Νοεμβρίου, 2006, Ιωάννινα, Ελλάδα, σελ. 31.
- **Ηλιάδης Ν.-Γ.**, Gailing O., Finkeldey R. (2006). Χρήση μοριακών δεικτών για τη μελέτη των γενετικών δομών του κυπριακού κέδρου (*Cedrus brevifolia*). 11^ο Πανελλήνιο Συνέδριο Γενετικής Βελτίωσης Φυτών & Αγροτικής Ανάπτυξης. Ελληνική Επιστημονική Εταιρεία Γενετικής Βελτίωσης Φυτών, 31^η Οκτωβρίου – 2^η Νοεμβρίου 2006, Ορεστιάδα, Ελλάδα.

Technical reports

- **Eliades N.-G.** and Eliades D.G. (2009). HAPLOTYPE ANALYSIS: Software for analysis of haplotype data. Forest Genetics and Forest Tree Breeding, Georg-August University Goettingen, Germany. URL <http://www.uni-goettingen.de/en/134935.html>
- GenBank database sequences submissions, accession numbers of:
 - FJ907514 (*Cedrus brevifolia*, chloroplast DNA microsatellite – code: *Pt15169*, location: rps2)
 - FJ907515 (*Cedrus brevifolia*, chloroplast DNA microsatellite – code: *Pt63718*, location: rpl2)
 - FJ907516 (*Cedrus brevifolia*, chloroplast DNA microsatellite – code: *Pt71936*, location: IRF169)
 - FJ907517 (*Cedrus brevifolia*, NADH dehydrogenase subunit 1 (nad1) gene, intron 2; mitochondrial DNA)
 - FJ907518 (*Cedrus brevifolia* NADH dehydrogenase subunit 7 (nad7) gene, intron 1; mitochondrial DNA)