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Education

Doctorate

2006

University of Life Sciences and Natural Resources, Vienna, Austria

Institute of Forest Entomology, Forest Pathology and Forest Protection (magna cum laude)

Dissertation: Phylogeography of Pityogenes chalcographus, ecological aspects

Bachelor diploma (MSC equivalent)

2003

Aristotle University of Thessaloniki, Greece

School of Forestry and Natural Environment

Professional/Work Experience

Forest Research Institute, ELGO-DIMITRA, Thessaloniki, Greece

Forest Entomologist Researcher

(2010-2020: Assistant researcher; Principal researcher)

2010 – present

Aristotle University of Thessaloniki, Greece

Post-Doctoral Researcher “Study and analysis of the genetic diversity of the bark beetle

Pityogenes chalcographus and its host tree Picea abies in the southernmost region of their distribution”

2008-2009

International Hellenic University, Greece

Lead Researcher in project “Genetic mapping and analysis of the mitochondrial genome of Pityogenes chalcographus (Coleoptera, Scolytinae)”

2007-2008

International Hellenic University / Aristotle University of Thessaloniki, Greece

Researcher in “ManagMed – Integrated Development and Management of Natura 2000

Protected areas through innovative techniques in East Mediterranean” (Interreg III B Archimed)

2006-2007

Research experience in the forest insects

- Head of the national laboratory responsible for the implementation of the National survey program for the recognition and maintenance of “protected zones” against some organisms harmful to plants, with focus on forest pests and pathogens (since 2010).
- Deputy coordinator of the IUFRO WP 7.03.05 on the Ecology and management of bark and wood boring insects (since 2017).

- Participation in studies and several projects on the early detection system, monitoring and biological control of endemic and invasive forest insects (e.g. *Dryocosmus kuriphilus*, *Xylotrechus chinensis*, *Cydalima perspectalis*, *Corythucha arcuata*).
- Member of CITES Committee of Greece since 2020.

Research Interests

- Establishing network of traps and observations that would allow an “early warning system” against invasive pests – identification of invasive insect species.
- Evaluating the impact of Ice Ages on the shaping of the currently observed patterns of genetic diversity among intraspecific populations of insects.
- Planning and implementation of classical biological control programs against invasive insect species.
- Assessing biodiversity of insect communities and relating them with environmental parameters.

Research Experience / Projects (selected of relevant projects)

2010 - present

“National survey program for the recognition and maintenance of “protected zones” against some organisms harmful to plants”

- Contracting Authority: Benaki Phytopathological Institute
- Position in the Project Team: Scientific coordinator
- Responsibilities: Responsible for the organization and application of surveys against forest insects and nematodes in Greece. Besides providing Forest Services with the necessary materials and knowledge (through annual seminars), the Lab of Forest Entomology and Nematology is responsible for analysing the examining the samples collected in the framework of surveys.

2024

“Control of the infestation of the palm forest of Vai by the Red pal weevil *Rhynchophorus ferrugineus*”

- Contracting Authority: Green Fund
- Position in the Project Team: Scientific coordinator

Responsibilities: Responsible for the planning of control measures that aim at restricting the infestation by the red palm weevil in the palm forest of Vai.

2023

“Conservation of ground dwelling insects in the Management Body of Rodopi Mountain Range National Park”

- Contracting Authority: N.E.C.C.A.
- Position in the Project Team: Scientific coordinator

Responsibilities: Responsible for trapping, monitoring, identification and recording of ground dwelling insects in the Management Body of Rodopi Mountain Range National Park.

2019-2022

“Biological control of the Asian Chestnut Gall Wasp by releasing *Torymus sinensis*”

- Contracting Authority: Benaki Phytopathological Institute
- Position in the Project Team: Scientific coordinator – Team Member
- Responsibilities: Release of *Torymus sinensis* and subsequent assessment of its establishment.

2017-2018

“Collection and study of *Marchalina hellenica* populations from Greece”

- Contracting Authority: CAB international
- Position in the Project Team: Scientific coordinator
- Responsibilities: Sampling of *M. hellenica* populations from Greece and assessment of the natural enemies found among its egg masses.

2020-2023

“PCN489 Biological Control of Giant Pine Scale in Australia”

- Contracting Authority: Department of Jobs, Precincts and Regions (DJPR) of the State of Victoria (Australia)
- Position in the Project Team: Scientific coordinator
- Responsibilities: Assessment of the feasibility of applying a classical biological control agent against the Giant Pine Scale that has recently invaded Australia

2010-2011

“LIFE08 ENV/GR/000554 / AdaptFor - Adaptation of forest management to climate change in Greece.”

- Contracting Authority: Goulundris Natural History Museum / Greek Biotope – Wetland Centre
- Position in the Project Team: Team researcher
- Responsibilities: Identification and evaluation of the biotic (insect) threats of study areas.

2012-2015

“Thalis SAGE – Conservation through religion: the Sacred Groves of Epirus”

- Contracting Authority: University of Ioannina
- Position in the Project Team: Scientific coordinator
- Responsibilities: Assessment of biodiversity within insect communities in Sacred Groves and compare the results with indices from control sites that exhibited similar features. Summarizing the results obtained from various other groups of organisms in order to come to a holistic and robust conclusion.

2014-2016

“Monitoring and assessment of the conservation degree and status of conservation of invertebrate species of community interest in the Management Body of Rodopi mountains National Park, National Park of East Macedonia and Thrace, and Olympus National Park”

- Contracting Authority: Homeotech
- Position in the Project Team: Scientific coordinator
- Responsibilities: Field sampling, assessment of the data collected and preparation of deliverables.

2015-2016

“Monitoring and assessment of the conservation degree and status of conservation of invertebrate species of community interest in the National Forest Park of Dadia - Lefkimi - Soufli”

- Contracting Authority: Homeotech
- Position in the Project Team: Scientific coordinator
- Responsibilities: Field sampling, assessment of the data collected and preparation of deliverables.

Publications

- B1.AVTZIS ND, AVTZIS DN, VERGOS S & DIAMANTIS S. 2007. A contribution to the natural occurrence of *Aesculus hippocastanum* (Hippocastanaceae) in Greece. *Phytologia Balcanica* 13: 183-187.
- B2.ARTHOFER W, SCHLICK-STEINER BC, STEINER FMM, AVTZIS DN, CROZIER RH & STAUFFER C. 2007. Lessons from a beetle and an ant: coping with taxon-dependent differences in microsatellite development success. *Journal of Molecular Evolution* 65 (3): 304-307.
- B3.ARTHOFER W, AVTZIS DN & STAUFFER C. 2007. Fast establishment of single-strand conformation polymorphism by targeted primer development in *Pityogenes chalcographus* (Coleoptera, Scolytinae). *Electrophoresis* 28: 1046-1052.
- B4.AVTZIS N & AVTZIS DN. 2007. Studies on the moth *Cameraria ohridella* Deschka & Dimic (Lepidoptera, Gracillariidae) in Greece, by the use of pheromone traps and phenological observations. *Entomological Research* 37: A119-A120.
- B5.PAPADOPOULOS A, AVTZIS DN & AVTZIS N 2008 The biological effectiveness of wood modified with linear chain carboxylic acid anhydrides against the subterranean termites *Reticulitermes flavipes*.. *European Journal of Wood and Wood Products (Holz. Roh Wrkst)* 66(4): 249-252.
- B6.TAKOS I, VARSAMIS G, AVTZIS D, GALATSIDAS SP, MEROU TH & AVTZIS N. 2008. The effect of defoliation by *Cameraria ohridella* Deschka and Dimic (Lepidoptera: Gracilariidae) on seed germination and seedling vitality in *Aesculus hippocastanum* L. *Forest Ecology and Management* 255: 830-835.
- B7.AVTZIS DN, PERNEK M, STAUFFER C, HRASOVEC B, DIMINIC D, WEGENSTEINER R & COGNATO A. 2008. Novel morphological and genetic markers for the discrimination of three European *Pityokteines* (Coleoptera: Curculionidae: Scolytinae) species. *Periodicum Biologorum* 110: 329-334.
- B8.AVTZIS DN, ARTHOFER W & STAUFFER C. 2008. Sympatric occurrence of diverged mtDNA lineages of *Pityogenes chalcographus* (Coleoptera, Scolytinae) in Europe. *Biological Journal of the Linnean Society* 94: 331-340.
- B9.AVTZIS DN, KNIZEK M, HELRIGL K & STAUFFER C. 2008. *Polygraphus grandiclava* collected from pine and cherry trees: a phylogenetic analysis. *European Journal of Entomology* 105: 789-792.
- B10.ARTHOFER W, RIEGLER M, AVTZIS DN & STAUFFER C. 2009. Evidence for low-titre infections in insect symbiosis: *Wolbachia* in the bark beetle *Pityogenes chalcographus* (Coleoptera, Scolytinae). *Environmental Microbiology* 11(8): 1923-1933.

- B11.KALAPANIDA M, MILONAS DN, BUCHELOS CT & AVTZIS DN. 2010. How does pollution affect insect diversity? A study on bark beetle's entomofauna of two pine forests in Greece. *Journal of Biological Research* 13: 67-74.
- B12.ARTHOFER W, AVTZIS DN, RIEGLER M & STAUFFER C. 2010. Mitochondrial phylogenies in the light of pseudogenes and Wolbachia: re-assessment of a bark beetle dataset. *Zookeys* 56: 269-280.
- B13.AVTZIS DN & ARAVANOPOULOS FA. 2011. Host tree and insect genetic diversity on the borderline of natural distribution : a case study of *Picea abies* Karst. and *Pityogenes chalcographus* (Coleoptera, Scolytinae) in Greece. *Silva Fennica* 45(1): 157-164.
- B14.HATJINA F, TSOKTOURIDIS G, BOUGA M, CHARISTOS L, EVANGELOU V, AVTZIS D, MEEUS I, BRUNAIN M, SMAGGHE G & DE GRAAF D. 2011. Polar tube protein gene diversity among *Nosema ceranae* strains derived from a Greek honey bee health study. *Journal of Invertebrate Pathology* 108: 131-134.
- B15.AVTZIS DN, BERTHEAU C & STAUFFER C. 2012. What's next in bark beetle phylogeography? *Insects* 3: 453-472.
- B16.AVTZIS DN. 2012. The distribution of *Pammene fasciana* L. (Lepidoptera: Tortricidae) in Greece: an underestimated chestnut-feeding pest. *International Journal of pest Management* 58(2): 115-119.
- B17.PAPADOPOULOU SM, CHRYSOCHOIDES C & AVTZIS D. 2012. Genetic diversity of *Lymantria dispar* (Lepidoptera: lymantriidae) in Northern Greece and evaluation of the effectiveness of novel insecticides. *Biotechnology and Biotechnological Equipment* 26(3): 2976-2980.
- B18.PERNEK M, WIRTH S, BLOMQUIST SR, AVTZIS DN & MOSER JC. 2012. New association of phoretic mites on *Pityokteines curvidens* (Coleoptera, Curculionidae, Scolytinae). *Central European Journal of Biology* 7(1): 63-68.
- B19.CHRYSOPOLITOU V, APOSTOLAKIS A, AVTZIS D, AVTZIS N, DIAMANDIS S, KEMITZOGLOU D, PAPADIMOS D, PERLEROU C, TSIASOSSI V & DAFIS S. 2013. Studies on forest health and vegetation changes in Greece under the effects of climate change. *Biodiversity and Conservation* 22: 1133-1150.
- B20.AVTZIS DN & MATOŠEVIĆ D. 2013. Taking Europe by storm: a first insight in the introduction and expansion of *Dryocosmus kuriphilus* in Central Europe by mtDNA. *Šumarski List* 7-8: 387-394.
- B21.AVTZIS DN, PERLEROU C & DIAMANDIS S. 2013. Geographic distribution of chestnut feeding insects in Greece. *Journal of Pest Science* 86(2): 185-191.
- B22.BERTHEAU C, SCHULER H, ARTHOFER W, AVTZIS DN, MAYER F, KRUMBÖCK S, MOODLEY Y & STAUFFER C. 2013. Divergent evolutionary histories of two sympatric spruce bark beetles. *Molecular Ecology* 22: 3318-3332.
- B23.AVTZIS DN & COGNATO AI. 2013. Genetic structure of *Curculio elephas* Gyll. (Coleoptera, Curculionidae) in Greece: an important pest of sweet chestnut. *Journal of Pest Science* 86(3): 491-497.
- B24.AVTZIS DN, DOUDOUMIS V & BOURTZIS K. 2014. Wolbachia infections and mitochondrial diversity of two chestnut feeding *Cydia* species. *PLOS One* e112795.
- B25.DAMOS P, BONSIGNORE CP, GARDI F & AVTZIS DN. 2014. Phenological responses and a comparative phylogenetic insight of *Anarsia lineatella* and *Grapholita molesta* between distinct geographical regions within the Mediterranean basin. *Journal of Applied Entomology* 138, 528-538.
- B26.LACKOVIC N, BERTHEAU C, STAUFFER C, PERNEK M & AVTZIS DN. 2015. Genetic split between coastal and continental populations of gypsy moth separated by Dinaric Alps. *Journal of Applied Entomology* 139(9): 721-726.
- B27.KORSCH K, BATAKA A, KODONA M, SIOULAS S, TSIKIRIS R, MICHAELAKIS A, AVTZIS DN. 2015. Genetic diversity of *Thaumetopoea pityocampa* in Greece: the role of Quaternary changes in Aegean Sea. *Open Life Science* 10: 372-378.
- B28.MARZANO M, DANDY N, PAPAZOVA-ANAKIEVA I, AVTZIS DN, CONNOLLY T, ESCHEN R, GLAVENDEKIĆ M, HURLEY B, LINDELÖW Å, MATOŠEVIĆ D, TOMOV R, VETTRAINO AM. 2016. Assessing awareness of tree pests and pathogens amongst tree professionals: A pan-European perspective. *Forest Policy and Economics* 70: 164-170.

- B29.MICHAELAKIS A, PAPACHRISTOS D, CHYTAS DA, ANTONOPOULOU PD, MILONAS PG, AVTZIS DN. 2016. First record of *Dryocosmus kuriphilus* in Greece. Bulletin OEPP/EPPO Bulletin 46:290-294.
- B30.AVTZIS DN, PAPACHRISTOS DP, MICHAELAKIS A. 2016. Pine processionary moths in Greece refined: introduction and population structure of *Thaumatopoea pityocampa* mtDNA ENA clade in Attica, Greece. Journal of Pest Science 89: 393-402.
- B31.ZAIMES GN, MANIKAS N, SPANOS T, CHRISTOPOULOS V, AVTZIS DN. 2017. Odonata as indicators of riverine habitats in Central Greece. Fresenius Environmental Bulletin 26: 4244-4253.
- B32.AVTZIS DN, COYLE DR, CHRISTOPOULOS V, ROQUES A. 2017. Biological invasions, national borders and the current state of non-native insects' species in Greece and the neighboring Balkan countries. Bulletin of Insectology 70: 161-169.
- B33.KALTSAS D, DEDE K, GIANNAKA J, NASOPOULOU T, KECHAGIOGLOU S, GRIGORIADOU E, RAPTIS D, DAMOS P, VASILIAKIS I, CHRISTOPOULOS V, LOUKAKI E, FRANCES R, VLACHAKI D, AVTZIS DN. 2018. Taxonomic and functional diversity of butterflies along an altitudinal gradient in two NATURA 2000 sites in Greece. Insect Conservation and Diversity 11: 464-478.
- B34.KALLIORAS AN, LAGAROS ND, AVTZIS DN. 2018. Pity beetle algorithm – a new metaheuristic inspired by the behavior of bark beetles. Advances in Engineering Software 121: 147-166.
- B35.AVTZIS DN, PETSOPoulos D, MEMTSAS GI, KAVALLIERATOS NG, ATHANASSIOU CG, BOUKOUVALA MC. 2018. Revisiting the distribution of *Thaumatopoea pityocampa* (Lepidoptera: notodontidae) and *T. pityocampa* ENA in Greece. Journal of Economic Entomology 111: 1256-1260.
- B36.LEIVADARA E, LEIVADARAS I, VONTAS I, TRICHAS A, SIMOGLIOU K, RODITAKIS E, AVTZIS DN. 2018. First record of *Xylotrechus chinensis* (Coleoptera, Cerambycidae) in Greece and in the EPPO region. Bulletin OEPP/EPPO Bulletin 48(2): 277-280.
- B37.MELIKA G, MEMTSAS GI, NICHOLLS JA, AVTZIS DN. 2018. New species of cynipid inquiline, *Saphonecrus kuriphilusi* (Hymenoptera: Cynipidae: Synergini), from *Dryocosmus kuriphilus* galls in Greece. Zootaxa 4441: 109-120.
- B38.PETSOPoulos D, LEBLOIS R, SAUNÉ L, İPEKDAL K, ARAVANOPoulos FA, KERDLHUÉ C, AVTZIS DN. 2018. Crossing the Mid-Aegean Trench: vicariant evolution of the Eastern pine processionary moth *Thaumatopoea wilkinsoni* (Lepidoptera: Notodontidae), in Crete. Biological Journal of the Linnean Society 124: 228-236.
- B39.AVTZIS DN, STARA K, SGARDELI V, BETSIS A, DIAMANDIS S, HEALEY JR, KAPSALIS E, KATI V, KORAKIS G, MARINI GOVIGLI V, MONOKROUSOS N, MUGGIA L, PAPADATOU E, PAPAIOANNOU H, ROHRER A, TSIKIRIS R, VAN HOUTAN KS, VOKOU D, WONG JLG, HALLEY JM. 2018. Quantifying the conservation value of Sacred Natural Sites. Biological Conservation 222: 95-103.
- B40.SCHEBECK M, DOWLE EJ, SCHULER H, AVTZIS DN, BERTHEAU C, FEDER JL, RAGLAND GJ, STAUFFER C. 2018. Pleistocene climate cycling and host plant association shaped the demographic history of the bark beetle *Pityogenes chalcographus*. Scientific Reports 8: 14207.
- B41.LACKOVIĆ N, PERNEK M, BERTHEAU C, FRANJEVIĆ D, STAUFFER C, AVTZIS DN. 2018. Limited genetic structure of gypsy moth populations reflecting a recent history in Europe. Insects 9, 143: doi:10.3390/insects9040143.
- B42.MARTINEZ-SAÑUDO I, MAZZON L, SIMONATO M, AVTZIS D, PUJADE-VILLAR J, FACCOLI M. 2018. Tracking the origin and dispersal of the Asian Chestnut Gall Wasp *Dryocosmus kuriphilus* Yasumatsu (Hymenoptera, Cynipidae) in Europe with molecular markers. Bulletin of Entomological Research 1-9: doi:10.1017/S000748531800069X.
- B43.AVTZIS DN, MELIKA G, MATOSEVIC D, COYLE DR. 2019. The Asian chestnut gall wasp *Dryocosmus kuriphilus*: a global invader and a successful case of classical biological control. Journal of Pest Science 92: 107-115.

- B44. AVTZIS DN, LAKATOS F, GALLEGRO D, PERNEK M, FACCOLI M, WEGENSTEINER R, STAUFFER C. 2019. Shallow genetic structure among the European populations of the six-toothed bark beetle *Ips sexdentatus* (Coleoptera, Curculionidae, Scolytinae). *Forests* 10: 136.
- B45. SCHEBECK M, SCHULER H, EINRAMHOF B, AVTZIS DN, DOWLE EJ, FACCOLI M, BATTISTI A, RAGLAND GJ, STAUFFER C, BERTHEAU C. 2019. The Appennines as a cryptic Pleistocene refugium of the bark beetle *Pityogenes chalcographus* (Coleoptera: Curculionidae). *Biological Journal of the Linnean Society* 127(1):24-33.
- B46. BRAS A, AVTZIS DN, KENIS M, LI H, VÉTEK G, BERNARD A, COURTIN C, ROUSSELET J, ROQUES A, AUGER-ROZENBERG M-A. 2019. A complex invasion story underlies the fast spread of the invasive box tree moth (*Cydalima perspectalis*) across Europe. *Journal of Pest Science* 92: 1187-1202.
- B47. FERNÁNDEZ-FERNÁNDEZ M, NAVES P, MUSOLIN DL, SELIKHOVKIN AV, CLEARY M, CHIRA D, PARASCHIV M, GORDON T, SOLLA A, PAPAJOVA-ANAKIEVA I, DRENKHAN T, GEORGIEVA M, ALTUNISIK A, MORALES-RODRÍGUEZ C, TABAKOVIĆ-TOŠIĆ M, AVTZIS DN, GEORGIEV G, DOYCHEV DD, NACHESKI S, TRESTIC T, ELVIRA-RECUENCO M, DIEZ JJ, WITZELL J. 2019. Pine Pitch Canker and Insects: Regional Risks, Environmental Regulation, and Practical Management Options. *Forests* 10: 649.
- B48. AVTZIS DN, SCHEBECK M, PETSPOULOS D, MEMTSAS GI, STAUFFER C, KAVALLIERATOS NG, ATHANASSIOU CG, BOUKOUVALA MC. 2019. New data on the range expansion of the *Thaumetopoea pityocampa* (Lepidoptera: Notodontidae) “ENA clade” in Greece: the role of bacterial endosymbionts. *Journal of Economic Entomology* 112(6), 2761-2766.
- B49. ZAIMES GN, LOISIOS P, FYTOPOULOS P, MERSINA C, FYLLAS N, IAKOVOGLOU V, AVTZIS DN. 2019. Ground dwelling insects as environmental indicators of riparian habitats in agricultural mediterranean landscapes. *Environmental Engineering and Management Journal* 18(9), 1977-1986.
- B50. CSÓKA G, HIRKA A, MUTUN S, GLAVENDEKIĆ M, MIKÓ Á, SZÖCS L, PAULIN M, EÖTVÖS CB, GÁSPÁR C, CSEPELÉNYI M, SZÉNASI Á, FRANJEVIC M, GNINENKO Y, DAUTBASIĆ M, MUZEJINOVIĆ, ZUBRIK M, NETOIU C, BUZATU A, BĂLĂCENOIU F, JURC M, JURC D, BERNARDINELLI I, STREITO J-C, AVTZIS DN, HRASOVEC B. 2020. Spread and potential host range of the invasive oak lace bug [*Corythucha arcuata* (Say, 1832) – Heteroptera: Tingidae] in Europe. *Agricultural and Forest Entomology* 22(1), 61-74.
- B51. FACCOLI M, GALLEGRO D, BRANCO M, BROCKERHOFF EG, CORLEY J, COYLE DR, HURLEY BP, JACTEL H, LAKATOS F, LANTSCHNER V, LAWSON S, MARTÍNEZ G, GÓMEZ DF, AVTZIS DN. 2020. A first worldwide multispecies survey of invasive Mediterranean pine bark beetles (Coleoptera: Curculionidae, Scolytinae). *Biological Invasions* 22, 1785-1799.
- B52. AVTZIS DN, LUBANGA UK, LEFOE GK, KWONG RM, ELEFThERIADOU N, ANDREADI A, ELMS S, SHAW R, KENIS M. 2020. Prospects for classical biological control of *Marchalina hellenica* in Australia. *BioControl* 65, 413-423.
- B53. FOTELLI MN, LYROU FG, AVTZIS DN, MAURER D, RENNENBERG H, SPYROGLOU G, POLLE A, RADOGLOU K. 2020. Effective defense of Aleppo Pine against the Giant Pine Scale *Marchalina hellenica* through ecophysiological and metabolic changes. *Frontiers in Plant Science*, 11, Article 581693.
- B54. AVTZIS DN, LAKATOS F. 2021. Bark and wood boring beetles: past, present and future knowledge we need. *Insects* 12, 28.
- B55. SIMOGLU K, AVTZIS DN, BAIXERAS J, SARIGKOLI, RODITAKIS E. 2021. *Hylotelephium spectabile*, a new host for carnation tortrix moth (*Cacoecimorpha pronubana*) and molecular characterization in Greece. *Insects*, 12, Article 245.
- B56. AVTZIS DN, MARKOUDI V, MIZERAKIS V, DEVALEZ J, NAKAS G, POULAKAKIS N, PETANIDOU T. 2021. The Aegean Archipelago as cradle: divergence of the glaphyrid genus *Pygopleurus* and phylogeography of *P. foina*. *Systematics and Biodiversity*, 19(4): 346-358.
- B57. MANTZOYKAS S, LAGOGIANNIS I, NTOUKAS A, TZIROS GT, POULAS K, ELIOPOULOS P, AVTZIS DN. 2021. Could *Gnomonopsis castaneae* be used as a biological control agent against insect pests? *Applied Sciences* 11(9): 4066.

- B58. DEMETRIOU J, KALAENTZIS K, KAZILAS C, KOUTSOUKOS E, AVTZIS DN, GEORGIADIS C. 2021. Revisiting the non-native insect fauna of Greece: current trends and an updated checklist. *NeoBiota* 65:93-108.
- B59. PÖTZELBERGER E, GOSSNER MM, BEENKEN L, GAZDA A, PETRM, YLIJOA T, LA PORTA N, AVTZIS DN, BAY E, DE GROOT M, DRENKHAN R, DUDUMAN M-L, ENERLE R, GEORGIEVA M, HIETALA A, HOPPE B, JACTEL H, JARNI K, KEREN S, KESERU Z, KOPROWSKI M, KORMUŠÁK A, LOMBARDEO DÍAZ MJ, LUKJANOVA A, MAROZAS V, MAURI E, MONTEVERDI MC, OGRIS N, OLENICI N, ORAZIO C, PERNY B, PINTO G, POWER M, PUCHALKA R, RAVN HP, SEVILLANO I, TAYLOR P, TSOPELAS P, URBAN J, VOOLMA K, WESTERGREN M, WITZELL J, ZBOROVSKA O, ZLATKOVIC M. 2021. Biotic threats for 23 major non-native tree species in Europe. *Scientific Data* 8:210.
- B60. ZAIMES GN, IAKOVOGLOU I, SYROPOULOS D, KALTSAS D, AVTZIS DN. 2021. Assessment of two adjacent mountainous iparian areas along Nestos River tributaries of Greece. *Forests*, 12,1284.
- B61. DIAMANDIS S, TOPALIDOU E, AVTZIS D, STARA K, TSIKIRIS R, HALLEY JM. 2021. Fungal diversity in sacred groves vs. managed forests in Epirus, NW Greece. *Journal of Microbiology and Experimentation* 9(5), 142-152.
- B62. KAVALLIERATOS NG, BOUKOUVALA MC, NIKA E, ELEFThERiADOU N, AVTZIS DN. 2021. Immediate and delayed mortality of four stored-product pests on concrete surfaces treated with chlorantraniliprole. *Insects*, 12,1088.
- B63. KALAENTZIS K, KAZILAS C, DEMETRIOU J, KOUTSOUKOS E, AVTZIS DN, GEORGIADIS C. 2021. Alientoma, a dynamic database for alien insects in Greece and its use by citizen scientists in mapping alien species. *Insects* 12, 1101.
- B64. ELEFThERiADOU N, LUBANGA U, LEFOE G, KENIS M, KAVALLIERATOS NG, AVTZIS DN. 2022. Phenology and potential fecundity of *Neoleucopis kartliana* in Greece. *Insects* 13, 143.
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Teaching Experience

School of Forestry and Natural Environment, Aristotle University of Thessaloniki, Greece

Lead Tutor and Coordinator of the lecture “Forest Entomology”

2014/2015

2016/2017

2017/2018

Department of Forest and Natural Environment Sciences, International Hellenic University

Lead Tutor and Coordinator of the lecture “Urban pests” in the framework of the Postgraduate program Planning and Managing Urban Greenspaces

2015/2016

2016/2017

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2018/2019

Personal Skills

- **Languages:** Greek (native speaker), English and German (fluent), Spanish (comprehension).
- **Digital competence:** Proficient user of most common Win OS software (e.g. MS Office)
- **Data collection skills:** Experience in using and providing training in a wide array of insect monitoring techniques (e.g. pheromone traps, pitfall traps, light traps, transect surveys) and qualitative research methods (e.g. design and execution of interviews, surveys and workshops).
- **Data analysis skills:** Experience in using of conservation software (e.g. Distance, MaxEnt) and statistical R packages (acquired certificates from HarvardX - Harvard university).
- **Communication skills:** Strong communicational skills acquired through the organization and participation in seminars that aim at the dissemination of scientific conclusions both to the scientific community and the public.
- **Organizational skills:** Efficient organizational and managerial skills developed through research project coordination (incl. multinational/multi-partner projects).

Additional Information

- **Scholarships - Awards:** Scholarship (State Scholarships Foundation for 1998, 1999, 2000 and 2003), Excellence Award (Aristotle University of Thessaloniki, 2008), Fellow of the Royal Entomological Society of London – FRES (2014)
- **Professional affiliations:** Hellenic Entomological Society, Hellenic Ecological Society, Royal Entomological Society of London, Wiener Koleopterologen Verein – Natural History Museum of Vienna.
- Participation in >50 national or international conferences (poster and/or oral presentations)
- Invited lecturer/speaker at Aristotle University of Thessaloniki, University of Life Sciences and Natural Resources (Vienna, Austria), Croatian Forest Research Institute (Zagreb, Croatia), Department of Entomology - University of Wisconsin (Madison, U.S.A.)