

RELATÓRIO ANUAL DE ATIVIDADES

Referência RAA/OUI/2019

Submetida 13/03/2019 11:49:12 por Paulo Alexandre Vieira Borges

Caracterização da Unidade de Investigação

Unidade Orgânica Grupo de Biodiversidade dos Açores

Introdução Informação disponível no SITUA

Missão Informação disponível no SITUA

Objetivos Informação disponível no SITUA

Diretor Informação disponível no SITUA

Subdiretor Informação disponível no SITUA

Comissão Coordenadora Científica Ana Isabel de Melo Azevedo Neto (Univ. Azores, FCT-DB), Ana Moura Arroz (Univ. Azores, FCSH-DP), Ana Maria Loureiro da Seca (Univ. Azores, FCT-DCFQE), António Onofre Soares (Univ. Azores, FCT-DB), Artur Gil (Univ. Azores, FCT-DB), David Horta Lopes (Univ. Azores, FCAA-DCEA), Isabel R. Amorim (Univ. Azores, FCAA-DCEA), José Manuel Viegas de Oliveira Neto Azevedo (Univ. Azores, FCT-DB), Maria do Carmo Barreto (Univ. Azores, FCT-DCFQE), Patrícia Ventura Garcia (Univ. Azores, FCT-DB) - IERS, Paulo A.V. Borges (Univ. Azores, FCAA-DCEA) - IBBC, Rosalina Gabriel (Univ. Azores, FCAA-DCEA) and Rui Bento Elias (Univ. Azores, FCAA-DCA).

Conselho Científico Paulo A.V. Borges (Univ. Azores, FCAA-DCEA) - IBBC, Patrícia Ventura Garcia (Univ. Azores, FCT-DB) - IERS, Ana Isabel de Melo Azevedo Neto (Univ. Azores, FCT-DB), Ana Maria Loureiro da Seca (Univ. Azores, FCT-DCFQE), Ana Moura Arroz (Univ. Azores, FCSH-DP), António Onofre Soares (Univ. Azores, FCT-DB), David Horta Lopes (Univ. Azores, FCAA-DCEA), João Pedro Barreiros (Univ. Azores, FCAA-DCA), José Manuel Viegas de Oliveira Neto Azevedo (Univ. Azores, FCT-DB), Maria do Carmo Barreto (Univ. Azores, FCT-DCFQE), Rosalina Gabriel (Univ. Azores, FCAA-DCEA) Rui Bento Elias (Univ. Azores, FCAA-DCA), Virgílio Vieira (Univ. Azores, FCT-DB) (Now as Internal Collaborator), Adara Pardo Valle, (Univ. Azores, FCAA-DCEA), Ana Catarina Hasse Ferreira, (Universidade de Lisboa, FCUL), Artur Gil (Univ. Azores, FCT-DB), Carla Rego (Universidade de Lisboa, FCUL), Carolina Parelho (Univ. Azores, FCT-DB), Catarina Drumond Melo (Univ. Azores, FCAA-DCEA), Fabiana Esposito, (Universidade de Lisboa, FCUL), Gustavo Oliveira de Meneses Martins (Univ. Azores, FCT-DB), Isabel Marisa Mateus Borges (Univ. Azores, FCT-DB), Isabel R. Amorim (Univ. Azores, FCAA-DCEA), Jagoba Malumbres-Olarte (Univ. Azores, FCAA-DCEA), Marco Girardello, (Univ. Azores, FCAA-DCEA) Funded by FCT, Maria Teresa Bravo Ferreira (Univ. Azores, FCAA-DCEA), Mário Boieiro (Univ. Azores, FCAA-DCEA), Olga Ameixa (Univ. Azores, FCT-DB & CESAM, Univ. of Aveiro), Reinaldo Pimentel (Univ. Azores, FCAA-DCEA).

Comissão Externa de Acompanhamento Christoph Kueffer, Godfrey Baldacchino and Robert James Whittaker.

Caracterização das Unidades Científicas

Unidade Científica	Island Biodiversity, Biogeography & Conservation - IBBC
Domínios Científicos	Ecology, Biogeography, Marine Biology, Entomology, Bryology, Biotechnology
Objetivos da Unidade Científica	<p>Oceanic islands have long fascinated scientists due to their simplified and unique biotas and ecosystems, which encompass a large number of endemics species. As biodiversity is decreasing on a global scale, its loss is felt particular on Islands, where species disappearing at faster rates due to human activities, such as habitat loss and fragmentation, invasive species, pollution and global climate change. In this context, the IBBC Research Group pursues the following objectives:</p> <ol style="list-style-type: none"> 1. Use the Azores as a model system to investigate ecological and evolutionary mechanisms responsible for shaping island biotas; 2. Collect long-term ecological data to evaluate species distributions and abundance at multiple spatial and temporal scales; 3. Identify pathways that impact oceanic indigenous assemblages under global change for conservation purposes.
Membros integrados da Unidade Científica	<p>Paulo A.V. Borges (Univ. Azores, FCAA-DCEA) - IBBC Ana Isabel de Melo Azevedo Neto (Univ. Azores, FCT-DB) Ana Maria Loureiro da Seca (Univ. Azores, FCT-DCFQE) António Onofre Soares (Univ. Azores, FCT-DB) João Pedro Barreiros (Univ. Azores, FCAA-DCA) José Manuel Viegas de Oliveira Neto Azevedo (Univ. Azores, FCT-DB) Rosalina Gabriel (Univ. Azores, FCAA-DCEA) Rui Bento Elias (Univ. Azores, FCAA-DCA) Virgílio Vieira (Univ. Azores, FCT-DB) (Now as Internal Collaborator)</p> <p>Post-Docs</p> <p>Adara Pardo Valle, (Univ. Azores, FCAA-DCEA) Ana Catarina Hasse Ferreira, (Universidade de Lisboa, FCUL) Artur Gil (Univ. Azores, FCT-DB) Carla Rego (Universidade de Lisboa, FCUL) Catarina Drumond Melo (Univ. Azores, FCAA-DCEA) Fabiana Esposito, (Universidade de Lisboa, FCUL) Gustavo Oliveira de Meneses Martins (Univ. Azores, FCT-DB) Isabel R. Amorim (Univ. Azores, FCAA-DCEA) Jagoba Malumbres-Olarte (Univ. Azores, FCAA-DCEA) Marco Girardello, (Univ. Azores, FCAA-DCEA) Funded by FCT Maria Teresa Bravo Ferreira (Univ. Azores, FCAA-DCEA) Mário Boieiro (Univ. Azores, FCAA-DCEA)</p>
Unidade Científica	Island Environmental Risks & Society - IERS
Domínios Científicos	Environmental and human health; Environmental sensing and modeling; Pest management; Science and risk communication, and environmental education.
Objetivos da Unidade Científica	<p>As Island ecosystems are particularly less resilient to the impacts of human activity or any other natural disrupting factor. Our expertise on environmental risk assessment, pest control, people agendas and practices with nature assessment and mediation and, environmental communication and outreach, provides an integrated outlook to support decision-making on island environmental health and sustainable development policies. In this context, the research developed by IERS is mainly focused on:</p> <ol style="list-style-type: none"> 1. Understanding the impacts of environmental risks (natural and anthropogenic) on human health and other island organisms; 2. Ensuring the sustainable development of insular agro- and natural ecosystems; 3. Implementing Integrated Pest Management (IPM) to control and possibly eradicate pests in island systems; 4. Improving the reliability and accuracy of geographic data on Land Management, Environmental Planning and Climate Change for decision-making and scientific research; 5. Developing strategic approaches for environmental communication and societal awareness to risks;

6. Rising the resilience of ecological and social systems to environmental risks (e.g., pests, invasions, volcanic emissions) and global change. Land Environmental Risks & Society - IERS

Membros integrados da Unidade Científica	Patrícia Ventura Garcia (Univ. Azores, FCT-DB) - IERS Ana Moura Arroz (Univ. Azores, FCSH-DP) David Horta Lopes (Univ. Azores, FCAA-DCEA) Maria do Carmo Barreto (Univ. Azores, FCT-DCFQE) (Universidade de Lisboa, FCUL)
	Post-Docs Artur Gil (Univ. Azores, FCT-DB) Carolina Parelho (Univ. Azores, FCT-DB) Isabel Marisa Mateus Borges (Univ. Azores, FCT-DB) Isabel R. Amorim (Univ. Azores, FCAA-DCEA) Olga Ameixa (Univ. Azores, FCT-DB & CESAM, Univ. of Aveiro) Reinaldo Pimentel (Univ. Azores, FCAA-DCEA)

Apoio à oferta letiva (2017-2018)

Lista de cursos que a unidade de investigação apoiou em 2017-2018 através da disponibilização de recursos humanos, financeiros, instalações, equipamentos ou outros.

1.º Ciclo	Ciências Agrárias Ciências Farmacêuticas Guias da Natureza /Natureza e Património Biologia Ciências do Mar Ciclo Básico de Medicina
2.º Ciclo	Ambiente, Saúde e Segurança Biodiversidade e Biotecnologia Engenharia e Gestão de Sistemas de Água Estudos Integrados dos Oceanos Gestão e Conservação da Natureza Ordenamento do Espaço Marítimo (ERASMUS MUNDUS)
3.º Ciclo	Biologia Ciências Agrárias Gestão Interdisciplinar da Paisagem
Pós-graduações	na

Apoio à oferta letiva (2018-2019)

Lista de cursos que a unidade de investigação apoia no ano letivo de 2018-2019 através da disponibilização de recursos humanos, financeiros, instalações, equipamentos ou outros.

1.º Ciclo	Ciências Agrárias Ciências Farmacêuticas Guias da Natureza /Natureza e Património Biologia Ciências do Mar Ciclo Básico de Medicina
2.º Ciclo	Ambiente, Saúde e Segurança Biodiversidade e Biotecnologia Engenharia e Gestão de Sistemas de Água Estudos Integrados dos Oceanos Gestão e Conservação da Natureza Ordenamento do Espaço Marítimo (ERASMUS MUNDUS)
3.º Ciclo	Biologia Ciências Agrárias Gestão Interdisciplinar da Paisagem
Pós-graduações	na

Outros cursos

Lista de cursos não regulares ministrados ou apoiados pela Unidade de Investigação

Cursos breves -(2018, 3 a 8 de Setembro) Leccionou na Universidade dos Açores (Dep. de Ciências e Engenharia do Ambiente) o curso avançado FORMAÇÃO DE PERITOS QUALIFICADOS NO SISTEMA DE CERTIFICAÇÃO DE INFESTAÇÃO POR TÉRMITAS - SCIT. Este curso para 18 alunos licenciados foi leccionado em colaboração com as Profs. Lina Nunes e Sónia Duarte (LNEC), e David Horta Lopes (DCEA) e teve o total de 28 Horas para Paulo A. V. Borges.

Outros cursos na

Provas Académicas

Lista de provas académicas e concursos documentais concluídos em 2018 e apoiados pela Unidade de Investigação.

Mestrados Alexandros Kellaris (2018) drones to monitor seaweeds: the invasive *Asparagopsis armata* in the Azores. Scientific Area: Ecology, evolution and conservation. Supervisors: Yesson, C. (ZSL, UK), Gil, A. (cE3c-UAc), Windram, O. (ICL, UK). Grading Institution: IMPERIAL COLLEGE OF LONDON (UK). Number of pages: 36.

Gonçalo Pereira Rosa (2018) Biotransformation of chalcones: A method to obtain new bioactive derivatives. Scientific Area: Ciências Biomédicas. Supervisors: Seca, A.M.L. & Barreto, M.C. Grading Institution: University of the Azores. Number of pages: 146.

Joana Gonçalves Rocha (2018) Avaliação dos efeitos respiratórios e genotóxicos/citotóxicos da exposição a produtos resultantes das atividades de tipografia. Scientific Area: Ciências Biomédicas. Supervisors: Rodrigues, A. & Garcia, P.V. Grading Institution: University of the Azores. Number of pages: 36.

Job Moniz da Silva Culo (2018) Impacto de uma intervenção educativa sobre resíduos sólidos urbanos no município do Namibe: Contributos para a elaboração de um modelo de educação ambiental. Scientific Area: Gestão e Conservação da Natureza. Supervisors: Gabriel, R. e Arroz, A. M.M. Grading Institution: University of the Azores. Number of pages: 148.

Roberto Meseguer Rosagro (2018) Evaluation of *Scymnus nubilus* Mulsant (Coleoptera: Coccinellidae) as biological control agent against *Aphis spiraeicola* Patch and *Cinara juniperi* (De Geer) (Hemiptera: Aphididae). Scientific Area: Biodiversity. Supervisors: Soares, A.O. & Borges, I. Grading Institution: University of the Azores. Number of pages: 41.

Sara Inês Semião Lourenço (2018) Cartografia e Avaliação do Potencial de Serviços de Ecossistema para o Apoio à Decisão em Gestão Territorial em Ilhas Oceânicas- o caso de estudo da Polinização por Insetos na Ilha Terceira Açores, Portugal". Scientific Area: Ecologia e Gestão Ambiental. Supervisors: Costa, J.L. (FCUL) & Gil, A. (cE3c-UAc). Grading Institution: Departamento de Biologia Animal, FCUL. Number of pages: 98.

Sofia Catarina Faria (2018) Ictiodiversidade do ecossistema intertidal rochoso em poças de maré e piscinas naturais da ilha Terceira. Scientific Area: Gestão e Conservação da Natureza. Supervisors: Barreiros, J.B. Grading Institution: University of the Azores. Number of pages: 106.

Soraia Patrícia Lousada Branco (2018) O conhecimento tradicional etnobotânico na Serra do Buçaco: Levantamento, continuidade e preservação. Scientific Area: Gestão e Conservação da Natureza. Supervisors: Gabriel, R. e Arroz, A. M.M. Grading Institution: University of the Azores. Number of pages: 218.

Wilson Rodrigues Tavares (2018) To what extent acute exposure to volcanic gases affects cells of the respiratory epithelium, peripheral oxygen saturation and lung function? Scientific Area: Ciências Biomédicas. Supervisors: Seca, A.M.L., Rodrigues, A.S., Barreto, M.C. & Garcia, P.V. Grading Institution: University of the Azores. Number of pages: 60.

Doutoramentos Ana Picanço (2018) conservation in islands protected areas: the case of plant-insect pollinating networks. Scientific Area: Gestão Interdisciplinar da Paisagem. Supervisors: Borges, P.A.V. & Rigal, F. Grading Institution: University of the Azores. Number of pages: 201.

Ana Rita Patarra (2018) studies of economically important seaweeds. Scientific Area: Biologia, Ficologia. Supervisors: Neto, A.I., Buschmann, A.H. & Abreu, H. Grading Institution: University of the Azores. Number of pages: 156.

Arianna Cecchetti (2018) Effects of tourism operations on the behavioural patterns of dolphin populations off the Azores, with particular emphasis on the common dolphin (*Delphinus delphis*). Scientific Area: Biologia. Supervisors: Azevedo, J.M.N., Gordon, j. & Stockin, K. Grading Institution: University of the Azores. Number of pages: 122.

Emanuel Dias Xavier (2018) Intensive production of microalgae with high economic, social and energetic value: potential in the autonomous region of the Azores. Scientific Area: Biologia, Ficologia. Supervisors: Neto, A.I., Azevedo, J.M.N. & Reis, A. Grading Institution: University of the Azores. Number of pages: 103.

Débora Sofia Gouveia Henriques (2018) Byophyte diversity across altitudinal gradients in the Azores: Looking for signs of climate change in the functional hyperspace. Scientific Area: Gestão Interdisciplinar da Paisagem. Supervisors: Gabriel, R. & Borges, P.A.V. Grading Institution: University of the Azores. Number of pages: 188.

Lara Sofia Pereira Dutra da Silva (2018) Modeling tools to predict potential distribution of forest species: using Pico Island and the Azores as a study case. Scientific Area: Biologia. Supervisors: Elias, R. & Silva, L. CIBIO-InBIO (Universidade dos Açores). Grading Institution: University of the Azores. Number of pages: 259.

Lurdes da Conceição Borges Silva(2018) Contribution of tree age determination and biomass estimation models for management of exotic woodland in the Azores. Scientific Area: Biologia. Supervisors: Elias, R. & Silva, L. CIBIO-InBIO (Universidade dos Açores). Grading Institution: University of the Azores. Number of pages: 157.

Marc Fernandez (2018) Modelling the ecological niche of cetaceans: new perspectives and applications. Scientific Area: Biologia. Supervisors: Azevedo, J.M.N, Chris Yesson, Alexandre Gannier. Grading Institution: University of the Azores. Number of pages: 204.

Márcia C.M. Coelho (2018) Bryophytes from native vegetation areas face to climate changes: Ecophysiological diversity and resilience. Scientific Area: Biologia. Supervisors: Gabriel, R. & Ah-Peng, C. Grading Institution: University of the Azores. Number of pages: 261.

Rui Miguel Ricardo Nunes (2018) Whole Azorean arthropod diversity: understanding the trophic relations and functional diversity at a plot scale. Scientific Area: Gestão Interdisciplinar da Paisagem. Supervisors: Borges, P.A.V., Cardoso, P. & Soares, A.O. Grading Institution: University of the Azores. Number of pages: 154.

Sónia Duarte (2018) Symbiotic flagellate protists as a target for subterranean termite control strategies. Scientific Area: Ciências Agrárias (Proteção de plantas). Supervisors: Nunes, L. & Borges, P.A.V. Grading Institution: University of the Azores. Number of pages: 227.

Provas para
obtenção do título na
de agregado

Concursos para
investigador na
principal

Concursos para
investigador na
coordenador

Projetos de Investigação e Desenvolvimento

Projetos de I&D em curso na Unidade de Investigação em 2018

Projetos
internacionais

(2008-2022) IUCN/SSC Grouper and Wrasse Specialist Group
Coordinators: Dr. Yvonne Sadovy de Mitcheson - Co-Chair, University of Hong Kong (China) and Dr. Matthew Craig – Co-Chair, National Oceanic and Atmospheric Administration (USA).
Group members: João Pedro Barreiros (Universidade dos Açores- GBA – cE3c).
Budget for the ABG: not funded.

(2009-2020) United Nations University - RCE-Azores, UNESCO Research Centre of Expertise
Coordinator: Alison L. Neilson.
Members: Rosalina Gabriel, Ana Moura Arroiz, Enésima Mendonça, Paulo A.V. Borges, Fernando Pereira (Universidade dos Açores- GBA – cE3c) and Ana Simões.
EU Leonardo DaVinci Programme for Vocational Training, Change Agents UK – support placement of interns with RCE Açores, two interns in 2011, three in 2012, two in 2013, two in 2014.
Budget for the ABG: 22.950,00 Euros.

(2013-2018) LIFE - Project (Life12 bio7pt/000110) Restauro Ecológico e Conservação da Infra-Estrutura Verde Húmida Costeira da Praia da Vitória (LIFE-CWR)
Coordinators: Paulo A.V. Borges, Rosalina Gabriel, João Pedro Barreiros, Rui Elias and José Azevedo (Universidade dos Açores- GBA – cE3c).
Budget for the ABG: 28.000,00 Euros.

(2014-2018) Distribution and potential negative effects of the recently arrived invasive coccinellid species Harmonia axyridis in agricultural, rural and urban landscapes in Chile: local to landscape and regional impacts
Funding Institution: National Commission for Science & Technology (CONICYT), Government of Chile. FONDECYT 1140662.
Coordinator in Azores: António Onofre Soares (Universidade dos Açores- GBA – cE3c).
Budget for the ABG: 12.000,00 Euros.

(2014-2020) IUCN - Spider and Scorpion Specialist Group
Coordinator: Pedro Cardoso (Finnish Museum of Natural History, Univ. Helsinki, Helsinki, Finland).
Group members: Paulo A.V. Borges and Enésima Mendonça (Universidade dos Açores- GBA – cE3c).
Budget for the ABG: not funded.

(2015-2020) IUCN Mid-Atlantic Island Invertebrates Specialist Group
Coordinators: Vicky Kindemba and Paulo A.V. Borges.
Group members: Carla Rego, Mário Boieiro, Virgílio Vieira, Isabel R. Amorim, Rosalina Gabriel, Ana M. Arroiz (Universidade dos Açores- GBA – cE3c) Pedro Cardoso (Finnish Museum of Natural History, Univ. Helsinki, Helsinki, Finland) and Simone Fattorini.
Budget for the ABG: 6.000,00 Euros.

(2016-2018) Establishing a European Red List of Bryophytes, Pteridophytes, Saproxyllic Beetles, Terrestrial Molluscs and Vascular Plants (LIFE European Red Lists)
Funding Institution: European Union.
Participants from ABG: Rosalina Gabriel (Universidade dos Açores- GBA – cE3c).
Budget for the ABG: 1.200,00 Euros.

(2016-2018) CAMBIO - Holocene insular biodiversity changes on the Macaronesian and Balearic Islands (II)
Funded by Ministerio de Economía, Industria & Competividad; Spain.
Coordinator: Josep Antoni Alcover Tomás (Departament de Biodiversitat i Conservació, Institut Mediterrani d'Estudis Avançats; Mallorca, Balearic Islands (Spain);
Members: Paulo A.V. Borges and Fernando Pereira (Universidade dos Açores- GBA – cE3c).
Budget for the ABG: not funded.

(2016-2019) ESMEALDA - Enhancing ecoSystem sERvices mApping for poLicy and Decision mAKing
Funding Institution: European Community (H2020-SC5-2014- CSA).
Participants: Paulo A.V. Borges, Ana Picanço and Artur Gil (Universidade dos Açores- GBA – cE3c).
Budget for the ABG: 2.500,00 Euros.

(2016-2019) REBECA – Red de excelencia en biotecnología azul (algas) de la región Macaronésica
Funding Institution: Programa de Cooperación Territorial INTERREG V A España-Portugal MAC 2014-2020.
Coordinator: Ana I. Neto (Universidade dos Açores- GBA – cE3c).
Budget for the ABG:

(2016-2020) Investigating the influence of environmental boundaries on the population structure of Yellowmouth Barracuda, *Sphyrna viridensis*
Funding Institution: Natural Environmental Research Council (NERC).
Coordinators: João Pedro Barreiros (Universidade dos Açores- GBA – cE3c).
Budget for the ABG: No fund.

(2016-2020) Vertebrate Natural History
Coordinators: Prof. Dr. Ivan Sazima (Universidade Estadual de Campinas, São Paulo, Brazil).
Group members: João Pedro Barreiros (Universidade dos Açores- GBA – cE3c).
Budget for the ABG: not funded.

(2016-2026) IUCN/SSC Species Monitoring Specialist Group
Coordinator: Peter J. Stephenson.
Group members: Paulo A.V. Borges (Universidade dos Açores- GBA – cE3c) and Pedro Cardoso (Finnish Museum of Natural History, Univ. Helsinki, Helsinki, Finland).
Budget for the ABG: not funded.

(2017-2019) PERVEMAC II - Agricultura Sostenible y seguridad alimentaria en la Macaronesia: investigación de los beneficios y riesgos por la ingesta de productos vegetales para la salud de los consumidores y desarrollo de estrategias de minimización de peligros
Funding Institution: INTERREG V-A-MAC 2014-2020.
Participants from ABG: David João Horta Lopes (Universidade dos Açores- GBA – cE3c).
Coordinators: GMR Canarias.
Partners: Universidade dos Açores (UAc), Instituto Nacional de Investigação e Desenvolvimento Agrário (INIDA), Instituto Tecnológico de Canarias, S.A. (ITC), Dirección General de Agricultura del Gobierno de Canarias (DGA), Instituto Nacional de Saúde Pública (INSP), Dirección General de Salud Pública del Gobierno de Canarias (DGSP), Direção Geral da Agricultura e Desenvolvimento Rural (DGADR), Universidad de Las Palmas de Gran Canaria (ULPGC), Secretaria Regional de Agricultura e Pescas (SRAP), Gestión del Medio Rural de Canarias, S.A.U. (GMR Canarias), Universidad de La Laguna (ULL), Agencia de Regulação e Supervisão dos Produtos Farmacêuticos e Alimentares (ARFA).
Budget for the ABG: 103.488,95 Euros.

(2017-2020) MACBIOBLUE - Development of new products & processes derived from macroalgae in the context of Macaronesian Blue Biotechnology & Transfer to Enterprises
Coordinator: Eduardo Portillo Hahnefeld, Instituto Tecnológico de Canarias (Gran Canaria, Spain).
Group members: Maria do Carmo Barreto (Azores team leader), Ana Seca and Ana Neto (Universidade dos Açores- GBA – cE3c).
Partners: FEDER partners - Fundação Gaspar Frutuoso; FICIC (Fundación Canaria del Instituto Canario de Investigación del Cancer); Universidad de Las Palmas de Gran Canaria; Universidade da Madeira; Universidad de La Laguna. Instituto Canario de Investigaciones Agrarias;
Non-FEDER Partners/Third countries - Universidade de Cabo Verde; Universidade de Ciências, de Tecnologia e de Medicina (Mauritania); Université Cheikh Anta DIOP (Senegal).
Other participants/enterprises - CEAMED SA (Canarias, Spain); Salinas Marinas de Fuertecaliente S.L. (Canarias, Spain); ECOS Estudios Ambientales y Ocenografía (Canarias, Spain); Natur Extracts S.A. (Madeira, Portugal); BRC Infraestructuras Hidráulicas (Canarias, Spain); Martell Lozano S.L.; (Canarias, Spain); Algalimento S.L. (Canarias, Spain); Ayuntamiento de Las Palmas de Gran Canaria (Canarias, Spain); COAG-Canarias (Coordinadora de Organizaciones de Agricultores y Ganaderos) (Canarias, Spain); IDEAQUA FISH & AQUAPONIC SL (Canarias, Spain); UBQ II Lda (Madeira, Portugal); Biocanarias scp (Canarias, Spain).
Budget for the ABG: 92.123,00 Euros.

(2017-2020) [BIOINVENT] Generic bio-inventory of functional soil microbial diversity in permanent grassland ecosystems across management and climate gradients

Coordinator: Luís Filipe Dias Silva (CIBIO-A).
Funding entity: FRCT (M1.1.C/2/001/2017) - BIODIVERSA ERA-NET
Group members: Patrícia V. Garcia, Maria do Carmo Barreto and Carolina Parelho (Universidade dos Açores- GBA – cE3c).
Budget for the ABG: 50.000 Euros of a total of 100.000 Euros.

(2018-2019) sEcoEvo - Biodiversity Dynamics – The Nexus Between Space & Time
Funded by German Centre for Integrative Biodiversity Research (iDiv) Halle-Jena-Leipzig.
Coordinator: Rosemary Gillespie (University of California, Berkeley) and Michael Hickerson (City College of New York, USA).
Members: Paulo A.V. Borges and Jairo Patiño (Azorean Biodiversity Group – cE3c).
Other participants: Brent C. Emerson; Rampal S. Etienne; Catherine Graham; Joaquin Hortal; Petr Keil; Tiffany Marie Knight; Luke Mahler; Francois Massol; Angela McGaughran; Brian McGill; Isaac Overcast; Christine Parent; Katie Wagner; James Rosindell; Dylan Craven; Harmon, Luke; Andy Rominger; Jonathan Chase.
Budget for the ABG: 2.000,00 Euros.

(2018-2020) IUCN SSC Macaronesian Islands Plant Specialist Group
Coordinators: Mónica Moura e Luís Silva (CIBIO-INBIO, UA).
Group members: Rui Bento Elias (Universidade dos Açores- GBA – cE3c).
Budget for the ABG: not funded.

(2018-2021) Biodiversity and biogeography of soil protists in continental and oceanic islands
Funded by Swiss National Foundation, Switzerland.
Coordinator: Edward Mitchell (Laboratory of Soil Biodiversity, University of Neuchâtel),
Members: Paulo A.V. Borges and Rosalina Gabriel (Universidade dos Açores- GBA – cE3c).
Budget for the ABG: 10.000,00 Euros.

Projetos nacionais

(2015-2018) FCT- PTDC/EPH_PAT/4684/2014 - DB-Heritage - “Base de dados de materiais de construção com interesse histórico e patrimonial”
Coordinator: António Santos Silva (LNEC).
Other participants from ABG: Lina Nunes.
Budget for the ABG: 186.160,00 Euros.

(2016-2019) FCT - PTDC/BIA-BIC/1013/2014 - 2gether “Threatened specialized interactions endemic to a biodiversity hotspot”
Coordinator: Mário Boieiro.
Other participants from ABG: Paulo A.V. Borges, Carla Rego, Fernando Pereira (Universidade dos Açores- GBA – cE3c), José Carlos Carvalho and Pedro Cardoso (Finnish Museum of Natural History, Univ. Helsinki, Helsinki, Finland).
Other participants from other Institutions: Artur Serrano, Carlos Aguiar and Rui Rebelo (Univ. Lisbon, cE3c); Luisa Carvalheiro (University of Brasília) and Dília Menezes (SPNM – Serviço do Parque Natural da Madeira).
Project’s consultants: Jens Mogens Olesen (Department of Bioscience - Genetics, Ecology and Evolution, Aarhus University) and Xavier Espadaler Gelabert (CREAF, Universitat Autònoma de Barcelona).
Budget for the ABG: 139.368,00€ (10.140,00 Euros for FGF).

(2016-2019) FCT-PTDC/BIABIC/0054/2014 – MACDIV “Macaronesian Islands as a testing ground to assess biodiversity drivers at multiple scales”
Coordinators: Paulo A.V. Borges (Universidade dos Açores- GBA – cE3c) and François Rigal.
Other participants from ABG: Pedro Cardoso (Finnish Museum of Natural History, Univ. Helsinki, Helsinki, Finland), Isabel R. Amorim, Mário Boieiro, Carla Rego, Rosalina Gabriel, Fernando Pereira (Universidade dos Açores- GBA – cE3c) and José Carlos Carvalho.
Post-Docs: Marco Girardello (Oct. 2017 – April 2018); Jagoba Malumbres Olarte (Sept 2018- October 2019).
Other participants from other Institutions: Octávio Paulo (Univ. Lisbon, cE3c); Brent Emerson (Island Ecology and Evolution Research Group, Instituto de Productos Naturales y Agrobiología, Canary Islands, Spain) and Miquel Arnedo, Luís Crespo (Departament de Biologia Animal, Universitat de Barcelona, Barcelona, Spain); Maria Romeiras (ISA, Univ of Lisbon).
Project’s consultants: Robert Whittaker (Biodiversity Research Group, Oxford University Centre for the Environment); Kostas Triantis (Department of Ecology and Taxonomy, Faculty of Biology,

University of Athens); Rosemary Gillespie (University of California, Berkeley) and José María FernándezPalacios (University of La Laguna).

Budget for the ABG: 197.628,00 Euros.

(2018-2020) FCT - PTDC/HAR-ARQ/29545/2017 "WOOF - Tracing the origins and evolutionary paths of the Iberian and the Maghreb Dog"

Coordinator: Ana E. Pires, ICETA, Universidade do Porto, Portugal.

Other members from ABG: Isabel R. Amorim (Universidade dos Açores- GBA – cE3c).

Budget for the ABG: not funded.

(2018-2021) FCT- FG "Field Guide: Designing Mobile Interactive Tools for Place-Based Learning"

Coordinator: Sónia Matos (M-ITI (www.m-iti.org); Co-PI – Rosalina Gabriel (GBA-cE3c)

Other participants from ABG: Paulo A.V. Borges, Isabel R. Amorim, Ana Arrozo (Universidade dos Açores- GBA – cE3c).

Budget for the ABG: 65.000,00 Euros of a total of 239.938,00 Euros.

Projetos regionais

(2016-2019) PO Açores - eAZFlora - Electronic Flora of the Azores for Smartphones and Tablets

Coordinator: Mónica Maria Tavares de Moura (Universidade dos Açores).

Members: Luís Filipe Dias e Silva (Universidade dos Açores), Maria Teresa Pinheiro de Melo Borges Tiago (Universidade dos Açores) and Rosalina Gabriel, Rui Elias (Universidade dos Açores- GBA – cE3c).

Budget for the ABG: not funded.

(2016-2019) PO Açores - ASPAZOR Ecosystem impacts and socioeconomic benefits of *Asparagopsis armata* in the Azores

Coordinator: Ana Neto (Universidade dos Açores- GBA – cE3c)

Members: Afonso Prestes, Ana Seca, Eva Cacabelos, João Santos, Marc Morron and Maria Carmo Barreto (Universidade dos Açores- GBA – cE3c).

Budget cE3c: 150.000,00 Euros.

(2016-2019) PO Açores - FOREST-ECO2 - Towards an Ecological and Economic valorization of the Azorean Forest

Coordinator: Luís Filipe Dias e Silva (Universidade dos Açores)

Members: Mónica Maria Tavares de Moura (Universidade dos Açores), Maria Anunciação Mateus Ventura (Universidade dos Açores), João José Monteiro Mora Porteiro (Universidade dos Açores), Rui Elias (Universidade dos Açores- GBA – cE3c), Ana Isabel Damião de Serpa Arruda Moniz (Universidade dos Açores), Fernando Rosa Rodrigues Lopes (Universidade dos Açores), Francisco José Ferreira Silva (Universidade dos Açores)

Budget for the ABG: not funded.

(2016-2019) PO Açores - SMART ► TOURISM

Coordinator: Maria Teresa Pinheiro de Melo Borges Tiago (Universidade dos Açores)

Members: João Pedro de Almeida Couto (Universidade dos Açores), Artur Gil (Universidade dos Açores- GBA – cE3c), Flávio Gomes Borges Tiago (Universidade dos Açores), Sandra Dias Faria (Universidade dos Açores), Maria Luz Paramio Martin (CEEApIA), Francisco Amaral (Universidade dos Açores)

Budget for the ABG: not funded.

(2016-2019) PO Açores - Green Gardens - Azores

Coordinator: Maria Isabel Whitton Terra Soares de Albergaria (Universidade dos Açores)

Members: Maria Isabel Whitton Terra Soares de Albergaria (Universidade dos Açores), Ana Moura Arrozo (cE3c-GBA), Rosalina Gabriel (Universidade dos Açores- GBA – cE3c), João Porteiro (Universidade dos Açores), Maria João Pereira (Universidade dos Açores), Carlos Santos (Universidade dos Açores), Paulo A.V. Borges (Universidade dos Açores- GBA – cE3c); Consultor)

Budget for the ABG: 12.000,00 Euros.

(2016-2019) PO Açores - PROAAcXXIs - Projeções das alterações climática nos açores para o século XXI: Implicações hidrológicas de interesse agronómico e ambiental

Coordinator: Eduardo Brito de Azevedo (Universidade dos Açores)

Members: Eduardo Brito de Azevedo (Universidade dos Açores), Paulo A.V. Borges, Rosalina Gabriel and Rui Elias (Universidade dos Açores- GBA – cE3c), Joana Barcelos Ramos (Universidade dos Açores), Jorge Pinheiro, João S. Madruga, Luís Santos Pereira (Instituto

Superior de Agronomia, Lisboa, Portugal; Consultor), Pedro M. Miranda (Faculdade de Ciências da Universidade de Lisboa, Portugal; Consultor)

Budget for the ABG: not funded.

(2016-2019) PO Açores - TU-SÉNIOR 55+ - Turismo sénior e bem-estar no destino Açores: criação de um produto cultural

Coordinator: Maria Teresa Pires de Medeiros

Members: Carlos Alberto da Silva Melo Santos (CEEApIA), Ana Isabel Damião de Serpa Arruda Moniz (CEEApIA), Licínio Manuel Vicente Tomás (Departamento de História, Filosofia e Ciências Sociais da Universidade dos Açores & CICS.NOVA.UAc), Osvaldo Dias Lopes Silva (Departamento de Matemática da Universidade dos Açores & CICS.NOVA.UAc), Virgílio Fernando Ferreira Vieira (Departamento de Biologia da Universidade dos Açores & (GBA – cE3c)) e o Consultor Joaquim Armando Gomes Alves Ferreira (IPCDVS e Unidade de Investigação FCT da Faculdade de Psicologia e Ciências da Educação da Universidade de Coimbra).

Budget for the ABG: not funded.

(2018-2022) PO Açores - Azores Bioportal - PORBIOTA

Coordinator: Paulo A.V. Borges (Universidade dos Açores- GBA – cE3c).

Other participants from ABG: Rosalina Gabriel, Ana M. Arroz, Isabel R. Amorim, António Onofre Soares, Enésima Mendonça, Rui Elias (Universidade dos Açores- GBA – cE3c) and Pedro Cardoso (Finnish Museum of Natural History, Univ. Helsinki, Helsinki, Finland).

Budget for the ABG: 300.000,00 Euros.

(2018) PRO-SCIENTIA - Eixo 3 - QUALIFICAR; Ação 3.4, B - Implementação de iniciativas e projetos de difusão da cultura científica e tecnológica, “Fala Ciência II”

Coordinator: António C.A. Leal, Associação para o Estudo do Ambiente Insular, Portugal

Other members from ABG: Isabel R. Amorim (Universidade dos Açores- GBA – cE3c).

Budget for the ABG: not funded.

Serviços de Investigação e Desenvolvimento

Serviços de I&D em curso na Unidade de Investigação em 2018

Serviços de I&D internacionais na

Serviços de I&D nacionais na

Serviços de I&D regionais (2014-2018) LIFE Recover Natura
Funded by Programa LIFE+, Natura2000, Região Autónoma da Madeira - Governo Regional, Secretaria Regional do Ambiente e Recursos Naturais, Parque Natural da Madeira, Sociedade Portuguesa para o Estudo das Aves.

Coordinator: Madeira Natural Park.

Members: José carvalho & Mário Boieiro (Universidade dos Açores- GBA – cE3c).

Budget for the ABG: not funded.

(2014-2018) DRAM- Direcção Regional do Ambiente (Secretaria Regional da Agricultura e Ambiente) “Drywood Termite Monitoring in Azores”

Funded by DRAM – Azores.

Coordinator: Paulo A.V. Borges (Universidade dos Açores- GBA – cE3c).

Members: Maria Teresa Ferreira (Universidade dos Açores- GBA – cE3c).

Budget for the ABG: 30.250,00 Euros.

(2015-2019) DRAM- Direcção Regional do Ambiente (Secretaria Regional da Agricultura e Ambiente) “Control of the Termite Reticulitermes species in Praia da Vitória (Terceira) and Horta (Faial)” SAI-DRA-2015/2614 -P009.07.01/193

Funded by DRAM – Azores.

Coordinator: Paulo A.V. Borges (Universidade dos Açores- GBA – cE3c).

Members: Lina Nunes (LNEC)and Orlando Guerreiro (Universidade dos Açores- GBA – cE3c).

Budget for the ABG: 14.950,00 Euros + 10.659,70 Euros (2018)

(2015-2020) DRAM- Direcção Regional do Ambiente (Secretaria Regional da Agricultura e

Ambiente) "Control and Eradication plan for of the drywood termite *Cryptotermes brevis* in Azores" - SAI-DRA-2015/3713 -P009.07.01/250

Funded by DRAM – Azores.

Coordinator: Paulo A.V. Borges (Universidade dos Açores- GBA – cE3c).

Members: Lina Nunes (LNEC) and Orlando Guerreiro (Universidade dos Açores- GBA – cE3c).

Budget for the ABG: 29.994,00 Euros.

(2016-2018) Monitoring the presence of large sized *Taeniura grabata* (Myliobatiformes: Dasyatidae) in Praia da Vitória's Marina, Terceira Island, Azores, Portugal

Funded by Azores Regional Government, Praia da Vitória City Council & Portuguese Navy.

Coordinator: João Pedro Barreiros (Universidade dos Açores- GBA – cE3c).

Members: Vidal Haddad Jr., Madaíl Ávila, Juergen Pollerspöck.

Budget for the ABG: not funded.

(2017-2020) PICONIA - Controlo biológico de populações de afídeos (Hemiptera: Aphididae) em viveiros florestais: efeitos de uma abordagem multiespecífica; Projeto Investigação para combate a Afídeos em Viveiros Florestais

Funded by Direção Regional dos Recursos Florestais

Coordinator: António Onofre Soares (Universidade dos Açores- GBA – cE3c).

Members: Virgílio Vieira (Universidade dos Açores- GBA – cE3c).

Budget for the ABG: 30.030,00 Euros.

(2018-2018) Vistoria para reconhecimento e localização dos ataques dos xilófagos em todos os pisos e coberturas do palácio dos Capitães Gerais, em Angra do Heroísmo & Palácio de Sant'ana em Ponta Delgada

Funded by Direção Regional das Obras Públicas e Comunicações.

Coordinator: Paulo A.V. Borges (Universidade dos Açores- GBA – cE3c).

Members: Orlando Guerreiro (Universidade dos Açores- GBA – cE3c).

Budget for the ABG: 4.645,85 Euros.

(2018-2021) Elaboração da Lista Vermelha de grupos de Invertebrados Terrestres e de Água Doce de Portugal Continental

Funded by POSEUR e Fundo Ambiental.

General Coordinator: FCIências.ID

Scientific Coordinator: Mário Boieiro (Universidade dos Açores- GBA – cE3c).

Executive Coordinator: Carla Rego (Universidade dos Açores- GBA – cE3c).

Global Budget: 528 490,23 Euros.

(2018-2021) Facilitating MAES to support regional policy in OVerseas Europe: mobilizing stakeholders and pooling resources

Funded by Fundo Regional da Ciência e Tecnologia.

Members: José Manuel Neto Azevedo (Universidade dos Açores- GBA – cE3c).

Budget for the ABG: 11.105,28 Euros.

Organização de congresso e outras reuniões científicas

Organização de reuniões internacionais

- 24th CSB – International Conference on Subterranean Biology/ Aveiro, Portugal/20-24 august/Reboleira, A.S., Gonçalves, F., Gabriel, R., Borges, P.A.V., Oromí, P., Sendra, A. & Pereira, J. / University of Aveiro, Portugal/120 participants

- Benefits and risks of exotic BCA – IOBC-WPRS Working Group Meeting/Ponta Delgada, Açores, Portugal/12-14 september/ Soares, A.O., Brown, P., Roy, H., Borges, I., Grez, A., Mason, P. & Mendonça, E. /Anglia Ruskin University, NERC CEH, Universidad de Chile, Ottawa Research and Development Centre, International Organization for Biological Control/50 participants

- Congresso Floramac 2018/Funchal, Madeira/12-15 september/ Miguel Menezes de Sequeira, Manuela Gouveia, Aida Pupo, Zita Ferreira, Roberto Jardim, Carlos Gois-Marques (Grupo de Botânica da Madeira, Universidade da Madeira, Portugal)

Luís Silva, Mónica Moura, Ana Neto & Rui Elias (Universidade dos Açores, Portugal)

Mark Carine & Fred Rumsey (The Natural History Museum, United Kingdom)

Juli Caujapé Castells (Jardin Botánico Canario "Viera y Clavijo" – Unidad Asociada CSIC, España)

Hanno Schäfer (Technical University of Munich, Freising, Germany)
Jorge Capelo (Instituto Nacional de Investigação Agrária e Veterinária I.P., Herbarium, Quinta do Marquês, Oeiras)
Isildo Gomes (Instituto Nacional de Investigação e Desenvolvimento Agrário, Cabo Verde)
Maria Romeiras (Instituto Superior de Agronomia, Portugal)/ Universidade da Madeira, CIBIO-INBIO, Natural History Museum of London

- IUCN Red List Training Course/Ponta Delgada, Açores, Portugal/ 10-11 september/Losey, J., Hochkirch, A., Brown, P., Roy, H., Soares, A.O. & Mendonça, E./IUCN/20 participants

-Workshop: Genetics and Management of Marine Animals/ Ponta Delgada, Açores, Portugal/5-6 march/Neto, A.I., Faria, J. & Fonseca, A./University of Vigo (ES)/33 participants

Organização de reuniões nacionais

-Workshop "The impact of natural and anthropogenic pollution on ecosystems and human health: wich indicators should we use?"/ Ponta Delgada, Açores, Portugal/17 Setembro/Branquinho, C., Pinho, P., Matos, P., Bernardo, F., Parelho, C., Linhares, D. & Camarinho, R./IVAR

Organização de reuniões regionais

- Ciclo de Palestras: "Impactos das Alterações Climáticas na Sociedade Açoriana"/Angra do Heroísmo (Açores, Portugal)/April, 11 to July, 18 /Arroz, A.M.M., Fael, M., Ormonde, C. & Gabriel, R./ Escola Básica Integrada de Angra do Heroísmo & GBA/cE3c Grupo da Biodiversidade dos Açores/80 participantes

-Amorim, I.R., Vieira, H., Ferreira, Leal, A.C. & Ferreira, M. (2018) Organization of the Science communication event: "Fala Ciência? Comunicar Ciência nos Açores" 2nd edition, November 23-24th, University of the Azores and Alpendre, Angra do Heroísmo, Terceira, Azores, Portugal.

Participações em congressos e outras reuniões científicas

Participações em reuniões internacionais

-10th International Conference on Islands Tourism
-13th APCA International Conference on Control and Soft Computing
-1st International Congress of Biological Control
-1st Seaweed for Health Conference
-24th International Conference on Subterranean Biology
-25th APDR Congress: Circular Economy, Urban Metabolism and Regional Development: Challenges for a Sustainable Future
-3rd World Conference on Qualitative Research
-4th International Congress on Occupational & Environmental Toxicology (ICOETOX)
-7th International Conference on Environmental Future (7th ICEF)
-9th International Conference on Monitoring and Management of Visitors in Recreational and Protected Areas (MMV)
-Citrus Working Group
-Encontro Luso-Galego de Química
-GeONG'18 - The Humanitarian Data Forum
-HBM-PT- 1st Workshop on Human Biomonitoring in Portugal
-I World Health and Wellness Tourism Congress
-IBS 2018 - International Biogeographical Society (IBS) Climate Change Biogeography 2018 Meeting
-II Congreso Iberoamericano de Turismo y Responsabilidad Social
-III Jornadas de Investigación en Historia y Arqueología Marítimas
-INQUA-PAGES Conference for Early-Career Researchers. Impacts of sea-level rise from past to present"
-International Symposium FloraMac2018
-IOBC-WPRWorking Group Meeting
-Lessons from two high CO2 worlds – Future oceans and intensive aquaculture Symposium
-TMS Algarve 2018: Tourism & Management Studies International Conference
-XXXII Congresso Brasileiro de Zoologia

Participações em reuniões nacionais

-12th National Organic Chemistry Meeting
-4th Annual Meeting: Frontiers in E3
-Workshop - The impact of natural and anthropogenic pollution on ecosystems and human

health: Which indicators should we use?
-X Congresso APS – Na era da pós-verdade
-X Congresso Nacional de Geologia

Participações em reuniões regionais

- Ciclo de Palestras: "Impactos das Alterações Climáticas na Sociedade Açoriana"
- Semana da Ciência da Escola Básica Integrada de Angra do Heroísmo
- Semana de Reflorestação Nacional: A Terceira vista pelos descobridores portugueses - Biodiversidade e floresta autóctone
- UMED- III congresso Médico-Científico dos Açores

Bolsas de Investigação e Desenvolvimento

Lista de bolsas de investigação em curso no ano de 2018

Bolsas de pós-doutoramento

- Adara Pardo Valle, (Univ. Azores, FCAA-DCEA) Funded by Junta de Extremadura, Spain
- Ana Catarina Hasse Ferreira, (Universidade de Lisboa, FCUL) Funded by FCT
- Artur Gil (Univ. Azores, FCT-DB), Funded by FCT
- Carla Rego (Universidade de Lisboa, FCUL), Funded by FCT
- Carolina Parelho (Univ. Azores, FCT-DB), Funded by FCT
- Catarina Drumond Melo (Univ. Azores, FCAA-DCEA) Funded by FRCT
- Fabiana Esposito, (Universidade de Lisboa, FCUL) Funded by FCT
- Gustavo Oliveira de Meneses Martins (Univ. Azores, FCT-DB), Funded by FCT
- Isabel Marisa Mateus Borges (Univ. Azores, FCT-DB), Funded by FCT
- Isabel R. Amorim (Univ. Azores, FCAA-DCEA), Funded by FCT
- Jagoba Malumbres-Olarte (Univ. Azores, FCAA-DCEA) Funded by FCT
- Marco Girardello, (Univ. Azores, FCAA-DCEA) Funded by FCT
- Maria Teresa Bravo Ferreira (Univ. Azores, FCAA-DCEA) Funded by FRCT
- Mário Boieiro (Univ. Azores, FCAA-DCEA), Funded by FCT
- Olga Ameixa (Univ. Azores, FCT-DB & CESAM, Univ. of Aveiro), Funded by FCT
- Reinaldo Pimentel (Univ. Azores, FCAA-DCEA) Funded by FRCT

Bolsas de doutoramento

- Afonso Costa Lucas Prestes (Univ. Azores, FCT-DB) Funded by FRCT
- Ana Cristina Magalhães Vieira, (Universidade de Lisboa, FCUL) Funded by FCT
- Filipe Miguel Teixeira de Sousa Bernardo (Univ. Azores, FCT-DB) Funded by FRCT
- João Faria de Oliveira Santos (Univ. Azores, FCT-DB), Funded by FRCT (M3.1.2/F/021/2011) defended the doctoral thesis on June 2018
- João Manuel Medeiros da Silva (Univ. Azores, FCAA-DCEA), Self-funded
- Lucas Lamelas-López (Univ. Azores, FCAA-DCEA) Funded by FCT (SFRH/BD/115022/2016)
- Manuel Fernandez Urrutia (Self-funded)
- Marcela de Marco Sobral (Univ. Azores, FCAA-DCEA) Funded by Brazilian government (CAPES/MEC/BR)
- Orlando Guerreiro (Univ. Azores, FCAA-DCEA), Funded by FRCT (M3.1.5/F/003/2011)
- Rita Godinho (Univ. Azores, FCAA-DCEA), Funded by FRCT (M3.1.2/F/030/2011)
- Rui Miguel dos Santos Mendes Carvalho (Univ. Azores, FCAA-DCEA), Funded by FRCT Azores 2020
- Sietze Johannes Norder (Univ. Lisbon, Faculty of Sciences) Funded by FCT - PD/BD/114380/2016

Defended the doctoral thesis in 2018:

- Ana Picanço (Univ. Azores, FCAA-DCEA), Funded by FRCT (M3.1.2/F/031/2011) defended the doctoral thesis on November 2018
- Ana Rita Ferreira Patarra (Univ. FCAA-DCEA), Funded by FRCT (M3.1.2/F/024/2011) defended the doctoral thesis on December 2018
- Antonio Pérez Delgado (Univ. of La Laguna) Self-funded
- Arianna Cecchetti (Univ. Azores, FCT-DB), Funded by FRCT (M3.1.2/F/036/2011) defended the doctoral thesis on June 2018
- Débora Henriques (Univ. Azores, FCAA-DCEA), Funded by FRCT (M3.1.2/F/051/2011) defended the doctoral thesis on February 2018
- Emanuel Dias Xavier (Univ. Azores, FCT-DB), Funded by FRCT (M3.1.2/F/027/2011) defended the doctoral thesis on June 2018

-Marc Fernandez Morron (Univ. Azores, FCT-DB), Funded by FRCT (M3.1.2/F/028/2011) defended the doctoral thesis on January 2018
 -Márcia Coelho (Univ. Azores, FCAA-DCEA), Funded by FRCT (M3.1.2/F/007/2012) defended the doctoral thesis on October 2018
 -Rui Nunes (Univ. Azores, FCAA-DCEA), Funded by FRCT (M3.1.2/F/035/2011) defended the doctoral thesis on November 2018
 -Sónia Duarte (LNEC, Lisbon) Funded by FCT (FRH/BD/84920/2012) defended the doctoral thesis on May 2018

Bolsas de investigação

-Alejandra Ros Prieto (Univ. Azores, DCA) – IBBC, Funded by FCT
 -Ana Fuentes Sánchez (Univ. Azores, DCA) – IERS, Funded by DRCT, PO 2020
 -Andreia de Barros Mendes Penado, (Universidade de Lisboa, FCUL) Funded by FCT
 -Gonçalo Pereira da Rosa (Univ. Azores, FCT-DCFQE) – IERS, Funded by FEDER and DRCT
 -Ignacio Moreu Badia (Univ. Azores, FCT-DB), IBBC, Funded by FEDER and DRCT

Bolsas de gestão de C&T

-Enésima Mendonça (Univ. Azores, DCA) – IBBC, Funded by FCT

Bolsas de técnico de investigação

na

Bolsas de iniciação científica

na

Redes de Ciência e Tecnologia

Lista de Redes de Ciência e Tecnologia em que a Unidade de Investigação está envolvida

Redes de C&T internacionais

-BIG – Biodynamical Island Group – This is an International consortium research group implemented to model the General Dynamic Model of Island Biogeography. It includes 14 international Researchers, where five of them are either integrated members (P.A.V. Borges, F. Rigal), Ph.D. students (T. Matthews) or collaborators (K. Triantis, R. Whittaker) of the RG Island Biodiversity, Biogeography & Conservation.
 -Development and Coordination for “RCE Açores” - part of UN international education network Regional Centre of Expertise on Education for Sustainable Development, accredited by the United Nations University, Institute of Advanced Studies.

Redes de C&T nacionais

-ce3c- Centre for Ecology Evolution and Environmental Changes
<http://ce3c.ciencias.ulisboa.pt/>.

Redes de C&T regionais

-NATURE PARKS OF AZORES – We started an unprecedented collaboration with several Azorean environmental organizations to perform a Long Term Ecological Study in the natural forest of several Azorean islands. This study is possible due to the collaboration with the Natural Parks of Santa Maria, Terceira, Faial and Pico islands, the Botanical Garden of Faial island and the Furnas Monitoring and Research Centre (São Miguel island);

Publicações

Lista de referências bibliográficas das publicações de 2018

Artigos em revistas internacionais com arbitragem

With impact Factor
 By at least one integrated member (n= 51)

Aparício, B.A., Cascalho, J., Cruz, M.J., Borges, P.A.V., Azevedo, E.B., Elias, R.B. & Ascensão, F. (2018) Assessing the landscape functional connectivity using movement maps: a case study with endemic Azorean insects. *Journal of Insect Conservation*, 22, 257-265. DOI:10.1007/s10841-018-0059-7 (IF2017 1.562; Q2 Entomology) (P1116)

Ávila, S., Cordeiro, R., Madeira, P., Silva, L., Medeiros, A., Rebelo, A., Melo, C., Neto, A.I., Haroun, R., Monteiro, A., Rijdsdijk, K. & Johnson, M. (2018) Global change impacts on large-scale biogeographic patterns of marine organisms on Atlantic oceanic islands. *Marine Pollution Bulletin*, 126, 101-112. DOI:10.1016/j.marpolbul.2017.10.087 (IF2017 3.241; Q1)

Environmental Sciences) (P1234)

Barcelos, L.M.D., Azevedo, J.M.N., Pollerspöck, J., Barreiros, J.P. (2018) Review of the records of the Smalltooth Sand Tiger shark *Odontaspis ferox* (Chondrichthyes: Odontaspidae) in the Azores. *Acta Ichthyologica et Piscatoria*, 48(2), 189–194. DOI: 10.3750/AIEP/02436 (IF2017 0.708; Q3 Zoology) (P1134)

Barros-García, D., Bañón, R., Arronte, J.C., Fernández-Peralta, L., García, R., Iglésias, S.P., Sellos, D.Y., Barreiros, J.P., Comesaña, A.S. & De Carlos, A. (2018) New insights into the systematics of North Atlantic *Gaidropsarus* (Gadiformes, Gadidae): flagging synonymies and hidden diversity. *Marine Biology Research*, 14(1), 17-29. DOI:10.1080/17451000.2017.1367403 (IF2017 0.901; Q3 Marine & Freshwater Biology) (P0984)

Boeiro, M., Catry, P., Jardim, C.S., Menezes, D., Silva, I., Coelho, N., Opliveira, P., Gatt, M.C., Pedro, P. & Granadeiro, J.P. (2018) Invasive Argentine ants prey on Bulwer's petrels nestlings on the Desertas Islands (Madeira) but do not depress seabird breeding success. *Journal for Nature Conservation*, 43, 35-38. DOI:10.1016/j.jnc.2018.02.013 (IF2017 1.971; Q2 Biodiversity Conservation) (P1109)

Boeiro, M., Matthews, T.J., Rego, C., Crespo, L., Aguiar, C.A.S., Cardoso, P., Rigal, F., Silva, I., Pereira, F., Borges, P.A.V. & Serrano, A.R.M. (2018) A comparative analysis of terrestrial arthropod assemblages from a relict forest unveils historical extinctions and colonization differences between two oceanic islands. *PLOS One*, 13(4), e0195492. DOI:10.1371/journal.pone.0195492 (IF2017 2.766; Q1 Multidisciplinary Sciences) (P1112)

Borges Silva, L., Lourenço, P., Teixeira, A., Azevedo, E.B., Alves, M., Elias, R.B. & Silva, L. (2018) Biomass valorization in the management of woody plant invaders: the case of *Pittosporum undulatum* in the Azores. *Biomass and Bioenergy*, 109, 155-165. DOI:10.1016/j.biombioe.2017.12.025 (IF2017 3.358; Q1 Agricultural, Engineering) (P1100)

Borges, P.A.V., Gabriel, R., Pimentel, C., Brito, M.R., Serrano, A.R.M., Crespo, L.C., Assing, V., Stüben, P., Fattorini, S., Soares, A.O., Mendonça, E. & Nogueira, E. (2018) Biota from the coastal wetlands of Praia da Vitória (Terceira, Azores, Portugal): Part 1 – Arthropods. *Biodiversity Data Journal*, 6, e27194. <https://doi.org/10.3897/BDJ.6.e27194> (IF2018 Expected; Biodiversity Conservation) (P1136)

Borges, P.A.V., Pérez Santa-Rita, J.V., Nunes, R., Danielczak, A., Hochkirch, A., Amorim, I.R., Lamelas-López, L., Karsholt, O. & Vieira, V. (2018) Species conservation profile of moths (Insecta, Lepidoptera) from Azores, Portugal. *Biodiversity Data Journal*, 6, e23311. DOI: 10.3897/BDJ.6.e23311 (IF2018 Expected; Biodiversity Conservation) (P1117)

Borges, P.A.V., Rodrigues, A.S.B, Silva, S.E., Seabra, S.G., Paulo, O.S. & Quartau, J.A. (2018) New data on polymorphism of the meadow spittlebug *Philaenus spumarius* (L.) (Hemiptera: Aphrophoridae) from the island of São Miguel (Azores). *Zootaxa*, 4369, 144-150. DOI:10.11646/zootaxa.4369.1.9 (IF2017 0.931; Q2 Zoology) (P1017)

Borges, P.A.V., Cardoso, P., Kreft, H., Whittaker, R.J., Fattorini, S., Emerson, B.C., Gil, A., Gillespie, R.G., Matthews, T.J., Santos, A.M.C., Steinbauer, M.J., Thébaud, C., Ah-Peng, C., Amorim, I.R., Aranda, S.C., Arroz, A.M., Azevedo, J.M., Boeiro, M., Borda-De-Água, L., Carvalho, J.C., Elias, R.B., Fernández-Palacios, J.M., Florencio, M., González-Mancebo, J.M., Heaney, L.R., Hortal, J., Kueffer, C., Lequette, B., Martín-Esquível, J.L., López, H., Lamelas-López, L., Marcelino, J., Nunes, R., Oromí, P., Patiño, J., Pérez, A.J., Rego, C., Ribeiro, S.P., Rigal, F., Rodrigues, P., Rominger, A.J., Santos-Reis, M., Schaefer, H., Sérgio, C., Serrano, A.R.M., Sim-Sim, M., Stephenson, P.J., Soares, A.O., Strasberg, D., Vanderporten, A., Vieira, V. & Gabriel, R. (2018) A Global Island Monitoring Scheme (GIMS) for the long-term coordinated survey and monitoring of forest biota across islands. *Biodiversity and Conservation*, 27, 2567–2586. DOI: 10.1007/s10531-018-1553-7 (IF2017 2.828; Q1 Biodiversity Conservation) (P1115)

Cacabelos, E., Cordeiro, R., Sánchez, R., Busquier, L., Mosquera, R., Neto, A.I. & Ávila, S. (2018) First record of *Eatonina fulgida* (Mollusca: Gastropoda) in the Azores Archipelago (NE Atlantic Ocean). *Cahiers de Biologie Marine*, 59(6), 623-627. DOI:10.21411/CBM.A.C425356B

(IF2017 0.525; Q4 Marine & Freshwater Biology) (P1240)

Cecchetti, A., Stockin, K., Gordon, J., & Azevedo, J.M.N. (2018) Short-term effects of tourism on the behaviour of common dolphins (*Delphinus delphis*) in the Azores. *Journal of the Marine Biological Association of the United Kingdom*, 98(5), 1187-1196.
DOI:10.1017/S0025315417000674 (IF2017 1.403; Q3 Marine and Freshwater Biology) (P1071)

Cordero-Rivera, A., Vieira, V. & Utzeri, C. (2018) Clonal damselflies (*Ischnura hastata*) are not significantly affected by mite parasitism. *Entomologia Experimentalis et Applicata*, 166(7), 583-591. DOI:10.1111/eea.12705 (IF2017 1.454; Q1 Entomology) (P1229)

Costa, T., Álvaro, N.M.V., Rodrigues, A., Neto, A.I. & Azevedo, J.M.N. (2018) Comparative population biology and reproduction of two sympatric crabs (Grapsidae) on Azores cobble beaches. *Invertebrate Reproduction and Development*, 62(3), 169-177.
DOI:10.1080/07924259.2018.1491428 (IF2017 1,056; Q3 Zoology) (P1235)

Duarte, S., Nobre, T., Borges, P.A.V. & Nunes, L. (2018) Symbiotic flagellate protists as cryptic drivers of adaptation and invasiveness of the subterranean termite *Reticulitermes grassei* Clément. *Ecology and Evolution*, 8, 5242–5253. DOI: 10.1002/ece3.3819 (IF2017 2.340; Q2 Ecology) (P1035)

Duarte, S., Nunes, L., Borges, P.A.V. & Nobre, T. (2018) A bridge too far? An integrative framework linking classical protist taxonomy and metabarcoding in lower termites. *Frontiers in Microbiology*, 9, 2620. DOI: 10.3389/fmicb.2018.02620 (IF2017 4,019; Q1 Microbiology) (P1242)

Ellis, L.T., Aleffi, M., Asthana, G., Bhagat, V., Bakalin, V. A., Baráth, K., Becker, R., Bednarek-Ochyra, H., Boiko, M., Brito, M.R., Pimentel, C., Brugués, M., Sáez, L., Dřevojan, P., Enroth, J., Erzberger, P., Fedosov, V. E., Fontinha, S., Fuertes Lasala, E., Gabriel, R., Gallego, M., Gradstein, S. R., Homm, Th., Hugonnot, V., Ivchenko, T.G., Klimova, K.G., Kučera, J., Lamkowski, P., Lapshina, E.D., Lebouvier, M., López González, A.L., Ma, W.Z., Manolaki, P., Monteiro, J., Vieira, C., Portela, A.P., Sim-Sim, M., Maksimov, A.I., Norhazrina, N., Syazwana, N., Asyifaa, S., Poponessi, S., Venanzoni, R., Gigante, D., Prosser, F., Potemkin, A.D., Kotkova, V.M., Sabovljević, M.S., Sabovljević, A.D., Schäfer-Verwimp, A., Sérgio, C., Garcia, C., Shevock, J.R., Stebel, A., Drobnik, J., Vončina, G. & Wei, Y.M. (2018) New national and regional bryophyte records, 57. *Journal of Bryology*, 40, 399-419.
DOI:10.1080/03736687.2018.1523601 (IF2017 1,079; Q3 Plant Sciences) (P1244)

Erisman, B.E., Barreiros, J.P., Rhodes, K.L. & Warner, R.R. (2018) Fake spawns and floating particles: a rebuttal of Karkarey et al. "Alternative reproductive tactics and inverse size-assortment in a high-density fish spawning aggregation". *BMC Ecology*, 18, 48.
DOI:10.1186/s12898-018-0206-8 (IF2017 2,315; Q2 Ecology) (P1260)

Faria, J., Pita, A., Martins, G.M., Ribeiro, P.A., Hawkins, S.J., Presa, P. & Neto, A.I. (2018) Inbreeding in the exploited limpet *Patella aspera* across the Macaronesia archipelagos (NE Atlantic): implications for conservation. *Fisheries Research*, 198, 180-188.
DOI:10.1016/j.fishres.2017.09.003 (IF2017 1.874; Q1 Fisheries) (P0995)

Fernandez, M., Yesson, C., Gannier, A., Miller, P. I. & Azevedo, J. M. N. (2018) A matter of timing: how temporal scale selection influences cetacean ecological niche modelling. *Marine Ecology Progress Series*, 595, 217-231. DOI:10.3354/meps12551 (IF2017 2,276; Q1 Marine & Freshwater Biology) (P1333)

Ferreira, D., Isca, V.M.S., Leal, P., Seca, A.M.L., Silva, H., Pereira, M.L., Silva, A.M.S., Pinto, D.C.G.A. (2018) *Salicornia ramosissima*: secondary metabolites and protective effect against acute testicular toxicity. *Arabian Journal of Chemistry*, 11(1), 70-80.
DOI:10.1016/j.arabjc.2016.04.012 (IF2017 2.969; Q2 Chemistry, Multidisciplinary) (P0940)

Garcia, C. & Barreiros, J.P. (2018) Are underwater archaeological parks good for fishes? Symbiotic relation between cultural heritage preservation and marine conservation in the Azores. *Regional Studies in Marine Science*, 21, 57-66. DOI:10.1016/j.rsma.2017.10.003. (IF2017 1,152; Q3 Marine & Freshwater Biology) (P1004)

- Gil, A., Fonseca, C. & Benedicto-Royuela, J. (2018) Land cover trade-offs in small oceanic islands: a temporal analysis of Pico Island, Azores. *Land Degradation & Development*, 29(2), 349-360. DOI:10.1002/ldr.2770 (IF2017 7.270; Q1 Soil Sciences) (P0982)
- Girardello, M., Martellos, S., Pardo, A. & Bertolino, S. (2018) Gaps in biodiversity occurrence information may hamper the achievement of international biodiversity targets: insights from a cross-taxon analysis. *Environmental Conservation*, 45(4), 370-377. DOI:10.1017/S0376892918000115 (IF2017 2.293; Q1 Biodiversity Conservation) (P1110)
- Godinho, S., Guiomar, N. & Gil, A. (2018) Estimating tree canopy cover percentage in a mediterranean silvopastoral systems using Sentinel-2A imagery and the stochastic gradient boosting algorithm. *International Journal of Remote Sensing*, 39, 4640-4662. DOI:10.1080/01431161.2017.1399480 (IF2017 1.782; Remote Sensing) (P1016)
- Godinho, S., Surovy, P., Sousa, A. & Gil, A. (2018) Advances in remote-sensing applications in silvo-pastoral systems. *International Journal of Remote Sensing*, 39, 4565-4571. DOI: 10.1080/01431161.2018.1476012 (IF2017 1.782; Q2 Imaging Science & Photographic Technology) (P1224)
- Linhares, D., Ricardo Camarinho, R., Garcia, P.V. & Rodrigues, A.R. (2018) *Mus musculus* bone fluoride concentration as a useful biomarker for risk assessment of skeletal fluorosis in volcanic areas. *Chemosphere*, 205, 540-544. DOI:10.1016/j.chemosphere.2018.04.144 (IF2017 4.427; Q1 Environmental Sciences) (P1118)
- Linhares, D.S.P., Garcia, P.V., Silva, C., Barroso, J., Kazachkova, N., Pereira, R., Lima, M., Camarinho, R., Ferreira, T. & Rodrigues, A.S. (2018) DNA damage in oral epithelial cells of individuals chronically exposed to indoor radon (²²²Rn) in a hydrothermal area. *Environmental Geochemistry and Health*, 40, 1713-1724. DOI:10.1007/s10653-016-9893-2 (IF2017 2.994; Q1 Water Resources) (P0895)
- Martins, G.M., Arenas, F., Tuya, F., Ramírez, R., Neto, A.I. & Jenkins, S.R. (2018) Successional convergence in experimentally disturbed intertidal communities. *Oecologia*, 186(2), 507-516. DOI:10.1007/s00442-017-4022-1 (IF2017 3.127; Q2 Ecology) (P1024)
- Melo, C.D., Sara, L., Krüger, C., Walker, C., Mendonça, D., Fonseca, M.A.C.H., Jaizme-Vega, M., Câmara Machado, A. (2018) Communities of arbuscular mycorrhizal fungi under *Picconia azorica* in native forests of Azores. *Symbiosis*, 74(1), 43-54. DOI:10.1007/s13199-017-0487-2 (IF2017 1.713; Q4 Microbiology) (P0961)
- Melo, C.S., Ramalho, R.S., Quartau, R., Hipólito, A., Gil, A., Borges, P.A., Cardigos, F., Ávila, S.P., Madeira, J. & Gaspar, J.L. (2018) Genesis and morphological evolution of coastal talus-platforms (fajãs) with lagoons: the case study of the newly-formed Fajã dos Milagres (Corvo Island, Azores). *Geomorphology*, 310, 138-152. DOI:10.1016/j.geomorph.2018.03.006 (IF2017 3.308; Q1 Geosciences, Multidisciplinary) (P1111)
- Moreira, M., Fonseca, C., Vergílio, M., Calado, H. & Gil, A. (2018) Spatial assessment of habitat conservation status in a Macaronesian island based on the InVEST model: a case study of Pico Island (Azores, Portugal). *Land use Policy*, 78, 637-649. DOI: 10.1016/j.landusepol.2018.07.015 (IF2017 3.194; Q1 Environmental Studies) (P1220)
- Norder, S.J., Baumgartner, J.B., Borges, P.A.V., Hengl, T., Kissling, W.D., Van Loon, E.E. & Rijdsdijk, K.F. (2018) A global spatially explicit database of changes in island paleo-area and archipelago configuration during the late Quaternary. *Global Ecology and Biogeography*, 27, 500-505. DOI:10.1111/geb.12715 (IF2017 5.958; Q1 Ecology) (P1034)
- Oviedo, L., Fernández, M., Herra-Miranda, D., Pacheco-Polanco, J.D., Hernández-Camacho, C.J., Aurióles-Gamboa, D. (2018) Habitat partitioning mediates the coexistence of sympatric dolphins in a tropical fjord-like embayment. *Journal of Mammalogy*, 99(3), 554-564. DOI:10.1093/jmammal/gyy021 (IF2017 2.139; Q2 Zoology) (P1337)
- Paiva, L., Lima, E., Neto, A.I. & Baptista, J. (2018) Seasonal variability of the Biochemical Composition and Antioxidant Properties of *Fucus spiralis* at two Azorean Islands. *Marine Drugs*, 16, 248; DOI:10.3390/md16080248 (IF2017 4.379; Q1 Chemistry, Medicinal) (P1221)

Palacino-Rodríguez, F., Palacino, D.A., Rache-Rodríguez, L., Corderp-Rivera, A., Penagos, A.C. & Lamelas-López, L. (2018) Larval development and behavior of *Rhionaeschna marchali* Rambur (Anisoptera: Aeshnidae) under captivity conditions. *International Journal of Odonatology*, 21(1), 55-70. DOI:10.1080/13887890.2018.1437478 (IF2017 0.600; Q3 Entomology) (P1108)

Parelho, C., Rodrigues, A.S., Bernardo, F., Barreto, M.C., Cunha, L., Poeta, P. & Garcia, P.V. (2018) Biological endpoints in earthworms (*Amyntas gracilis*) as tools for the ecotoxicity assessment of soils from livestock production systems. *Ecological Indicators*, 95, 984-990. DOI:10.1016/j.ecolind.2017.09.045 (IF2017 3.983; Q1 Environmental Sciences) (P1005)

Rebello, A.C., Johnson, M.E., Quartau, R., Rasser, M.W., Melo, C., Madeira, P., Neto, A.I., Tempera, F. & Ávila, S.P. (2018) Modern coralline algal nodules from the insular shelf of Pico in the Azores (northeast Atlantic Ocean). *Estuarine Coastal and Shelf Science*, 210, 7-17. DOI:10.1016/j.ecss.2018.05.029 (IF2017 2,413; Q1 Marine & Freshwater Biology) (P1236)

Rigal, F., Cardoso, P., Lobo, J.M., Triantis, K.A., Whittaker, R.J., Amorim, I.R. & Borges, P.A.V. (2018) Functional traits of indigenous and exotic ground-dwelling arthropods show contrasting responses to land-use changes in an oceanic island, Terceira, Azores. *Diversity and Distributions*, 24, 36-47. DOI:10.1111/ddi.12655 (IF2017 4.614; Q1 Ecology) (P0977)

Rocha, D.H.A., Seca, A.M.L. & Pinto, D.C.G.A. (2018) Seaweed Secondary Metabolites In Vitro and In Vivo Anticancer Activity. *Marine Drugs*, 16(11), 410. DOI:10.3390/md16110410 (IF2017 4,379; Q1 Chemistry, Medicinal) (P1323)

Sangil, C., Martins, G.M., Alves, F., Hernández, J.C., Neto, A.I., Ribeiro, C., León-Cisneros, K., Canning-Clode, J., Rosas-Alquicira, E., Mendoza, J.C., Titley, I., Wallenstein, F., Couto, R., Kaufmann, M. (2018) Shallow subtidal macro algae in the Northeastern Atlantic archipelagos (Macaronesian region): a spatial approach to community structure. *European Journal of Phycology*, 53, 83-98. DOI: 10.1080/09670262.2017.1385098 (IF2017 2.481; Q1 Marine & Freshwater Biology) (P0999)

Santangeli, A., Butchart, S.H.M., Pogson, M., Hastings, A., Smith, P., Girardello, M. & Moilanen, A. (2018) Mapping the global potential exposure of soaring birds to terrestrial wind energy expansion. *Ornis Fennica*, 95, 1-14. (IF2017 1.390; Q2 Ornithology) (P1101)

Santangeli, A., Lehtikoinen, A., Bock, A., Peltonen-Sainio, P., Jauhiainen, L., Girardello, M. & Valkama, J. (2018) Stronger response of farmland birds than farmers to climate change leads to the emergence of an ecological trap. *Biological Conservation*, 217, 166-172. DOI:10.1016/j.biocon.2017.11.002 (IF2017 4.660; Q1 Ecology) (P1028)

Santangeli, A., Spiegel, O., Bridgeford, P. & Girardello, M. (2018) Synergistic effect of land-use and vegetation greenness on vulture nestling body condition in arid ecosystems. *Scientific Reports*, 8, 13027. DOI:10.1038/s41598-018-31344-2 (IF2017 4,112; Q1 Multidisciplinary Sciences) (P1230)

Seca, A.M.L. & Pinto, D.C.G.A (2018) Overview on the Antihypertensive and Anti-Obesity Effects of Secondary Metabolites from Seaweeds. *Marine Drugs*, 16(7), 1-18. DOI:10.3390/md16070237 (IF2017 4,379; Q1 Chemistry, Medicinal) (P1322)

Seca, A.M.L. & Pinto, D.C.G.A (2018) Plant secondary metabolites as anticancer agents: successes in clinical trials and therapeutic application. *International Journal of Molecular Sciences*, 19(263), 1-22. DOI:10.3390/ijms19010263 (IF2017 3.687; Q2 Biochemistry & Molecular Biology) (P1103)

Seca, A.M.L., Gouveia, V.L.M., Barreto, M.C., Silva, A.M.S. & Pinto, D.C.G.A. (2018) Comparative study by GC-MS and chemometrics on the chemical and nutritional profile of *Fucus spiralis* L. juvenile and mature life-cycle phases. *Journal of Applied Phycology*, 30(4), 2539-2548. DOI:10.1007/s10811-018-1447-9 (IF2017 2.401; Q1 Marine & Freshwater Biology) (P1113)

Silva, M., Verónica, R., Barreiro, A., Kaufmann, M., Neto, A.I., Hassouani, M., Sabour, B., Botana, A., Botana, L.M. & Vasconcelos, V. (2018) Paralytic shellfish toxins occurrence in

non-traditional invertebrate vectors from North Atlantic waters (Azores, Madeira, and Morocco). *Toxins*, 10, 362. DOI:10.3390/toxins10090362 (IF2017 3,273; Q1 Toxicology) (P1232)

Silva, V., Peixoto, F., Igrejas, G., Parelho, C., Garcia, P.V., Carvalho, I., Sousa, M. Pereira, J.E., Rodrigues, A. & Poeta, P. A. C. Q. D. (2018) First Report on vanA-Enterococcus faecalis Recovered from Soils Subjected to Long-Term Livestock Agricultural Practices in Azores Archipelago. *International Journal of Environmental Research*, 12(1), 39-44. DOI:10.1007/s41742-018-0068-0 (IF2017 1.019; Q4 Environmental Sciences) (P1119)

Xavier, E.D., Gonçalves, V., Reis, A., Azevedo, J.M.N. & Neto, A.I. (2018) Culture collection of freshwater microalgae from the Azores archipelago: resource for taxonomic and phycoprospecting research. *Cryptogamie Algologie*, 39(2), 227-237. DOI:10.7872/crya/v39.iss2.2018.227 (IF2017 1.114; Q2 Marine & Freshwater Biology) (P1122)

By Associate Research Fellows only (n=12)

Bajraktari, A., Nunes, L., Knapic, S., Pimenta, R., Pinto, T., Duarte, S., Miranda., Pereira, H. (2018) Chemical characterization, hardness and termite resistance of Quercus cerris heartwood from Kosovo. *Maderas Ciencia y Tecnologia*, 20(3), 305-314. DOI:10.4067/S0718-221X2018005003101 (IF2017 1,014; Q2 Materials Science, Paper & Wood) (P1344)

Bajraktari, A., Pimenta, R., Pinto, T., Miranda, I., Knapic, S., Nunes, L. & Pereira, H. (2018) Stem quality of Quercus cerris trees from Kosovo for the sawmilling industry. *Drewno*, 61(201), 57-69. DOI:10.12841/wood.1644-3985.225.05 (IF2017 0,311; Q4 Materials Science, Paper & Wood) (P1345)

Dirkse, G.M., Nieuwkoop, J.A.W., Vanderpoorten, A., Losada-Lima, A., González-Mancebo, J.M., Patiño, J., Sotiaux, A., Hernández-Hernández, R. & Rodríguez-Romero, A. (2018) New bryophyte records from Macaronesia. *Cryptogamie Bryologie*, 39(1), 61-76. DOI:10.7872/cryb/v39.iss1.2018.61 (IF2017 1.169; Q2 Plant Sciences) (P1104)

Esteves, B., Cruz-Lopes, L., Ferreira, J., Domingos, I., Nunes, L., Pereira, H. (2018) Optimizing Douglas fir bark liquefaction in mixtures of glycerol and polyethyleneglycol and KOH. *Holzforschung*, 72(1), 25-30. DOI:10.1515/hf-2017-0018 (IF2017 2,079; Q1 Materials Science, Paper & Wood) (P0987)

Fattorini, S., Mantoni, C., De Simoni, L. & Galassi, M.P. (2018) Island biogeography of insect conservation in urban green spaces. *Environmental Conservation*, 45(1), 1-10. DOI:10.1017/S0376892917000121 (IF2017 2.293; Q1 Biodiversity Conservation) (P0991)

Gomes, M., Carvalho, J.C. & Gomes, P. (2018) Invasive plants induce the taxonomic and functional replacement of dune spiders. *Biological Invasions*, 20(2), 533-545. DOI:10.1007/s10530-017-1555-5 (IF2017 3.054; Q1 Biodiversity Conservation) (P0997)

Noriega, J.A., Hortal, J., Azcárate, F.M., Berg, M.P., Bonada, N., Briones, M.J.I., Del Toro, I., Goulson, D., Ibanez, S., Landis, D.A., Moretti, M., Potts, S.G., Slade, E.M., Stout, J.C., Ulyshen, M.D., Wackers, F.L., Woodcock, B.A. & Santos, A.M.C. (2018) Research trends in ecosystem services provided by insects. *Basic and Applied Ecology*, 26, 8-23. DOI:10.1016/j.baae.2017.09.006 (IF2017 2.144; Q2 Ecology) (P1107)

Pace, L., Boccaci, L., Casilli, M., Di Carlo, P. & Fattorini, S. (2018) Correlations between weather conditions and airborne pollen concentration and diversity in a Mediterranean high-altitude site disclose unexpected temporal patterns. *Aerobiologia*, 34(1), 75-87. DOI:10.1007/s10453-017-9499-x (IF2017 1.515; Q2 Environmental Sciences) (P1011)

Patiño, J., Gómez-Rodríguez, C., Pupo-Correia, A., Sequeira, M. & Vanderpoorten, A. (2018) Trees as habitat islands: temporal variation in alpha and beta diversity in epiphytic laurel forest bryophyte communities. *Journal of Biogeography*, 8, 1727-1738. DOI:10.1111/jbi.13359 (IF2017 4.154; Q1 Ecology) (P1127)

Podani, J., Ódor, P., Fattorini, S., Strona, G., Heino, J. & Schmera, D. (2018) Exploring multiple

presence-absence data structures in ecology. *Ecological Modelling*, 383, 41-51. DOI:10.1016/j.ecolmodel.2018.05.012 (IF2017 2.507; Q2 Ecology) (P1123)

Strona, G., Matthews, T.J., Kortsch, S. & Veech, J.A. (2018) NOS: a software suite to compute node overlap and segregation (??) in ecological networks. *Ecography*, 41(3), 558-566. DOI:10.1111/ecog.03447 (IF2017 4.520; Q1 Ecology) (P1001)

Ulrich, W., Nakadai, R., Matthews, T.J. & Kubota, Y. (2018) The two-parameter Weibull distribution as a universal tool to model the variation in species relative abundances. *Ecological Complexity*, 36, 110-116. DOI:10.1016/j.ecocom.2018.07.002 (IF2017 1,634; Q3 Ecology) (P1228)

No Impact Factor

By at least one integrated member (n=11)

Borges, P.A.V., Cardoso, P., Fattorini, S., Rigal, F., Matthews, T.J., Di Biase, L., Amorim, I.R., Florencio, M., Borda-de-Água, L., Rego, C., Pereira, F., Nunes, R., Carvalho, R., Ferreira, M.T., Lopez, H., Pérez Delgado, A.J., Otto, R., Fernández Lugo, S., Nascimento, L. de, Caujapé-Castells, J., Casquet, J., Danflous, S., Fournel, J., Sadeyen, A.-M., Elias, R.B., Fernández-Palacios, J.M., Oromí, P., Thébaud, C., Strasberg, D. & Emerson, B.C. (2018) Community structure of woody plants on islands along a bioclimatic gradient. *Frontiers of Biogeography*, 10(3-4), 1-31. DOI:10.21425/F5FBG40295 (P1233)

Burkhard, B., Maes, J. Borges, P.A.V., et al. (2018) Mapping and assessing ecosystems services in the EU - Lessons from the ESMERALDA approach of integration. *One Ecosystem*, 3: e29153. <https://doi.org/10.3897/oneeco.3.e29153> (P1231)

Jiménez-Alfaro, B., Girardello, M., Chytrý, M., Svenning, J.-C., Willner, W., Gégout, J.-C., Agrillo, E., Campos, J.A., Jandt, U., Kaçki, Z., Šilc, U., Slezák, M., Tichý, L., Tsiripidis, I., Turtureanu, P.D., Ujházyová, M. & Wohlgemuth, T. (2018) History and environment shape species pools and community diversity in European beech forests. *Nature Ecology & Evolution*, 2, 483-490. DOI:10.1038/s41559-017-0462-6 (P1102)

Lopes, D.L., Aguiar, A., Dias, A., Bettencourt, M., Dutra, R. & Pimentel, R. (2018) The importance of the Pervermac II project in the sustainable use of pesticides on fruit production in Azores. *IOBC-WPRS Bulletin*, 132, 17-24. (P1130)

Nunes, N., Valente, S., Ferraz, S., Barreto, M.C. & Carvalho, M.A.A.P. (2018) Nutraceutical potential of *Asparagopsis taxiformis* (Delile) Trevisan extracts and assessment of a downstream purification strategy. *Heliyon*, 4(11), e00957. DOI:10.1016/j.heliyon.2018.e00957. (P1338)

Pimentel, R., Rebelo, J., Soares, P., Lupi, E., Bevilacqua, R. & Lopes, D.H. (2018) Evaluation of kits of traps and lures for monitoring *Ceratitis capitata* Wiedemann (Diptera: Tephritidae) in Terceira Island, Azores. *IOBC-WPRS Bulletin*, 132, 166-176. (P1129)

Riddick, E.W. & Soares, A.O. (2018) Ecology and Behavior of Native, Naturalized, and Invasive Ladybird Beetles. *Frontiers in Ecology and Evolution*, 6(111), 1-2. DOI: 10.3389/fevo.2018.00119 (P1225)

Sampaio E., Barreiros J.P., Rosa R. (2018) A potential new endemism: speciation of the common octopus *Octopus vulgaris* in Cape Verde's Desertas Islands? *Zoologia Caboverdiana*, 7(2), 39-47. (P1334)

Sieber, I.M., Borges, P.A.V. & Burkhard, B. (2018) Hotspots of biodiversity and ecosystem services: the Outermost Regions and Overseas Countries and Territories of the European Union. *One Ecosystem*, 3, e24719. DOI:10.3897/oneeco.3.e24719. (P1125)

Soares, A.O., Honěk, A., Martinkova, Z., Brown, P.M.J. & Borges, I. (2018) Can native geographical range, dispersal ability and development rates predict the successful establishment of alien ladybird (Coleoptera: Coccinellidae) species in Europe? *Frontiers in Ecology and Evolution*, 6, 1-12. DOI:10.3389/fevo.2018.00057. (P1120)

Tavares, W.R. & Seca, A.M.L. (2018) The current status of pharmaceutical potential of

Juniperus L. metabolites. *Medicines*, 5(3), 1-24. DOI:10.3390/medicines5030081. (P1331)

By Associate Research Fellows only (n= 1)

Whittaker, R.J., Fernández-Palacios, J.M., Matthews, T.J., Rigal, F. & Triantis, K.A. (2018) Archipelagos and meta-archipelagos. *Frontiers of Biogeography*, 10(3-4), 1-11. DOI:10.21425/F5FBG41470 (P1347)

OTHER TYPE OF PUBLICATIONS

By at least one integrated member (n=148)

Adem Esmail, B., Geneletti, D., Nedkov, S., Mulder, S., Arany, I., Cortinovis, C., Bicking, S., Steinhoff-Knopp, B., Sieber, I., Burkhard, B., Kopperoinen, L., Maes, J., Potschin-Young, M., Santos Martin, F., Stoev, P., Balzan, M., Borges, P.A.V., Borisova, B., Brander, L., Broekx, S., Gil, A., Inghe, O., Kállay, T., Kruse, N., Kuslits, B., Liekens, I., Łowicki, D., Mizgajski, A., Müller, F., Östergård, H., Picanço, A., Ruskule, A., Svensson, J., Vačkář, D., van Beukering, P., Veidemane, K., Viinikka, A., & Zard, L. (2018) ESMERALDA Project: Guidelines and recommendations to support the application of the final methods. Deliverable D5.4, EU Horizon 2020 ESMERALDA Project, Grant agreement No. 642007. pp. 115. (P1132)

Barreiros, J. (2018) *Dermatolepis striolata*. The IUCN Red List of Threatened Species 2018: e.T44672A100459401. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T44672A100459401.en> (P1252)

Barreiros, J. (2018) *Epinephelus morrhua*. The IUCN Red List of Threatened Species 2018: e.T132745A100552494. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T132745A100552494.en> (P1253)

Barreiros, J. (2018) *Epinephelus radiatus*. The IUCN Red List of Threatened Species 2018: e.T132755A100557405. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T132755A100557405.en> (P1254)

Bertoncini, A.A., Aguilar-Perera, A., Barreiros, J., Craig, M.T., Ferreira, B. & Koenig, C. (2018) *Epinephelus itajara*. The IUCN Red List of Threatened Species 2018: e.T195409A46957794. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T195409A46957794.en> (P1250)

Bertoncini, A.A., Sadovy, Y., Craig, M.T., Barreiros, J., Aguilar-Perera, A., Rocha, L.A. & Padovani-Ferreira, B. (2018) *Mycteroperca acutirostris*. The IUCN Red List of Threatened Species 2018: e.T132830A46918685. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T132830A46918685.en> (P1255)

Boeiro, M., Borges, P.A.V. & Rego, C. (2018). *Cixius cavazoricus*. The IUCN Red List of Threatened Species 2018: e.T97218908A99166794. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97218908A99166794.en>. (P1137)

Boeiro, M., Rego, C. & Borges, P.A.V. (2018). *Cixius azoricus*. The IUCN Red List of Threatened Species 2018: e.T97218194A99166784. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97218194A99166784.en>. (P1138)

Borges, P.A.V. & Amorim, I.R. (2018). *Trechus isabelae*. The IUCN Red List of Threatened Species 2018: e.T97120426A99166564. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97120426A99166564.en>. (P1139)

Borges, P.A.V. & Amorim, I.R. (2018). *Trechus montanheiorum*. The IUCN Red List of Threatened Species 2018: e.T97122215A99166574. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97122215A99166574.en>. (P1140)

Borges, P.A.V. & Amorim, I.R. (2018). *Trechus pereirai*. The IUCN Red List of Threatened Species 2018: e.T97122954A99166584. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97122954A99166584.en>. (P1144)

Borges, P.A.V. & Amorim, I.R. (2018). *Trechus picoensis*. The IUCN Red List of Threatened Species 2018: e.T97124342A99166589. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97124342A99166589.en>. (P1141)

Borges, P.A.V. & Amorim, I.R. (2018). *Trechus terceiranus*. The IUCN Red List of Threatened Species 2018: e.T97125072A99166594. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97125072A99166594.en>. (P1142)

Borges, P.A.V. & Amorim, I.R. (2018). *Trechus terrabravensis*. The IUCN Red List of Threatened Species 2018: e.T97126159A99166599. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97126159A99166599.en>. (P1145)

Borges, P.A.V. & Amorim, I.R. (2018). *Trechus torretassoi*. The IUCN Red List of Threatened Species 2018: e.T97126539A99166604. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97126539A99166604.en>. (P1143)

Borges, P.A.V. & Lamelas-López, L. (2018). *Agabus godmanni*. The IUCN Red List of Threatened Species 2018: e.T97163447A99166669. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97163447A99166669.en>. (P1154)

Borges, P.A.V. & Lamelas-López, L. (2018). *Atlantocis gillerforsi*. The IUCN Red List of Threatened Species 2018: e.T97481131A99166999. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97481131A99166999.en>. (P1155)

Borges, P.A.V. & Lamelas-López, L. (2018). *Calacalles subcarinatus*. The IUCN Red List of Threatened Species 2018: e.T97158410A99166624. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97158410A99166624.en>. (P1146)

Borges, P.A.V. & Lamelas-López, L. (2018). *Caulotrupis parvus*. The IUCN Red List of Threatened Species 2018: e.T97159182A99166629. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97159182A99166629.en>. (P1156)

Borges, P.A.V. & Lamelas-López, L. (2018). *Cobalius freyi*. The IUCN Red List of Threatened Species 2018: e.T97295664A99166989. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97295664A99166989.en>. (P1157)

Borges, P.A.V. & Lamelas-López, L. (2018). *Drouetius azoricus*. The IUCN Red List of Threatened Species 2018: e.T97161019A99166639. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97161019A99166639.en>. (P1158)

Borges, P.A.V. & Lamelas-López, L. (2018). *Drouetius oceanicus*. The IUCN Red List of Threatened Species 2018: e.T97161588A99166649. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97161588A99166649.en>. (P1159)

Borges, P.A.V. & Lamelas-López, L. (2018). *Euconnus azoricus*. The IUCN Red List of Threatened Species 2018: e.T97185409A99166724. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97185409A99166724.en>. (P1147)

Borges, P.A.V. & Lamelas-López, L. (2018). *Heteroderes azoricus*. The IUCN Red List of Threatened Species 2018: e.T96986682A99166519. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T96986682A99166519.en>. (P1160)

Borges, P.A.V. & Lamelas-López, L. (2018). *Metophtalmus occidentalis*. The IUCN Red List of Threatened Species 2018: e.T97170117A99166694. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97170117A99166694.en>. (P1148)

Borges, P.A.V. & Lamelas-López, L. (2018). *Neocnemis occidentalis*. The IUCN Red List of Threatened Species 2018: e.T97161884A99166654. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97161884A99166654.en>. (P1149)

Borges, P.A.V. & Lamelas-López, L. (2018). *Phloeosinus gillerforsi*. The IUCN Red List of Threatened Species 2018: e.T97162217A99166659. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97162217A99166659.en>. (P1161)

Borges, P.A.V. & Lamelas-López, L. (2018). *Pseudechinosoma nodosum*. The IUCN Red List of Threatened Species 2018: e.T97162328A99166664. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97162328A99166664.en>. (P1162)

/IUCN.UK.2018-1.RLTS.T97162328A99166664.en. (P1162)

Borges, P.A.V. & Lamelas-López, L. (2018). *Tarphius acuminatus*. The IUCN Red List of Threatened Species 2018: e.T112217627A112217706. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T112217627A112217706.en>. (P1150)

Borges, P.A.V. & Lamelas-López, L. (2018). *Tarphius azoricus*. The IUCN Red List of Threatened Species 2018: e.T112216190A112216258. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T112216190A112216258.en>. (P1163)

Borges, P.A.V. & Lamelas-López, L. (2018). *Tarphius depressus*. The IUCN Red List of Threatened Species 2018: e.T112216642A112216651. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T112216642A112216651.en>. (P1151)

Borges, P.A.V. & Lamelas-López, L. (2018). *Tarphius florensensis*. The IUCN Red List of Threatened Species 2018: e.T112215110A112215127. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T112215110A112215127.en>. (P1164)

Borges, P.A.V. & Lamelas-López, L. (2018). *Tarphius furtadoi*. The IUCN Red List of Threatened Species 2018: e.T112214889A112214899. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T112214889A112214899.en>. (P1152)

Borges, P.A.V. & Lamelas-López, L. (2018). *Tarphius pomboi*. The IUCN Red List of Threatened Species 2018: e.T112215914A112216055. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T112214889A112214899.en>. (P1153)

Borges, P.A.V. & Lamelas-López, L. (2018). *Tarphius rufonodulosus*. The IUCN Red List of Threatened Species 2018: e.T112215339A112215436. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T112215339A112215436.en>. (P1165)

Borges, P.A.V. & Lamelas-López, L. (2018). *Tarphius tornvallii*. The IUCN Red List of Threatened Species 2018: e.T112213625A112213637. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T112213625A112213637.en>. (P1166)

Borges, P.A.V. & Nunes, R. (2018). *Aphrodes hamiltoni*. The IUCN Red List of Threatened Species 2018: e.T97215835A99166754. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97215835A99166754.en>. (P1167)

Borges, P.A.V. & Nunes, R. (2018). *Elipsocus brincki*. The IUCN Red List of Threatened Species 2018: e.T97241247A99166974. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97241247A99166974.en>. (P1168)

Borges, P.A.V. & Nunes, R. (2018). *Eupteryx azorica*. The IUCN Red List of Threatened Species 2018: e.T97217192A99166759. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97217192A99166759.en>. (P1170)

Borges, P.A.V. & Nunes, R. (2018). *Javesella azorica*. The IUCN Red List of Threatened Species 2018: e.T97219655A99166804. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97219655A99166804.en>. (P1171)

Borges, P.A.V. & Nunes, R. (2018). *Limnephilus atlanticus*. The IUCN Red List of Threatened Species 2018: e.T97241503A99166979. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97241503A99166979.en>. (P1172)

Borges, P.A.V. & Nunes, R. (2018). *Nysius atlantidum*. The IUCN Red List of Threatened Species 2018: e.T97489122A99167009. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97489122A99167009.en>. (P1173)

Borges, P.A.V. & Nunes, R. (2018). *Parapetrobius azoricus*. The IUCN Red List of Threatened Species 2018: e.T97493071A99167024. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97493071A99167024.en>. (P1174)

Borges, P.A.V. & Nunes, R. (2018). *Strophingia harteni*. The IUCN Red List of Threatened Species

2018: e.T97224034A99166819. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97224034A99166819.en>. (P1175)

Borges, P.A.V. & Nunes, R. (2018). *Trigoniophthalmus borgesii*. The IUCN Red List of Threatened Species 2018: e.T97493135A99167029. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97493135A99167029.en>. (P1169)

Borges, P.A.V. (2018) Book Reviews: Putting Islands on the Map, Messages from Islands --- A Global Biodiversity Tour. Hanski, I. 2016. University of Chicago Press, Chicago, IL, U.S.A. 272 pp. US\$32.50 (paperback). ISBN 978-0-226-40644-2. *Conservation Biology*, 32(5), 1214-1215. DOI: 10.1111/cobi.13175 (P1133)

Borges, P.A.V. (2018). *Bradycellus chavesii*. The IUCN Red List of Threatened Species 2018: e.T96986314A96986338. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T96986314A96986338.en>. (P1179)

Borges, P.A.V. (2018). *Calathus extensicollis*. The IUCN Red List of Threatened Species 2018: e.T97104847A99166529. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97104847A99166529.en>. (P1180)

Borges, P.A.V. (2018). *Calathus vicenteorum*. The IUCN Red List of Threatened Species 2018: e.T97111002A99166539. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97111002A99166539.en>. (P1181)

Borges, P.A.V. (2018). *Cedrorum azoricus*. The IUCN Red List of Threatened Species 2018: e.T97113324A99166544. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97113324A99166544.en>. (P1176)

Borges, P.A.V. (2018). *Fulvius borgesii*. The IUCN Red List of Threatened Species 2018: e.T97220823A99166809. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97220823A99166809.en>. (P1182)

Borges, P.A.V. (2018). *Geostiba melanocephala*. The IUCN Red List of Threatened Species 2018: e.T97185801A99166729. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97185801A99166729.en>. (P1183)

Borges, P.A.V. (2018). *Olisthopus inclavatus*. The IUCN Red List of Threatened Species 2018: e.T97114574A99166549. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97114574A99166549.en>. (P1184)

Borges, P.A.V. (2018). *Phloeostiba azorica*. The IUCN Red List of Threatened Species 2018: e.T97213226A99166739. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97213226A99166739.en>. (P1177)

Borges, P.A.V. (2018). *Pseudanchomenus aptinoides*. The IUCN Red List of Threatened Species 2018: e.T97117836A99166554. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97117836A99166554.en>. (P1178)

Borges, P.A.V., Lamelas-López, L. & Amorim, I.R. (2018). *Atheta dryochares*. The IUCN Red List of Threatened Species 2018: e.T97180394A99166714. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97180394A99166714.en>. (P1185)

Borges, P.A.V., Lamelas-López, L. & Amorim, I.R. (2018). *Athous pomboi*. The IUCN Red List of Threatened Species 2018: e.T97295365A99166984. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97295365A99166984.en>. (P1186)

Borges, P.A.V., Lamelas-López, L. & Amorim, I.R. (2018). *Calacalles droueti*. The IUCN Red List of Threatened Species 2018: e.T97158270A99166619. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97158270A99166619.en>. (P1187)

Borges, P.A.V., Lamelas-López, L. & Amorim, I.R. (2018). *Drouetius borgesii*. The IUCN Red List of Threatened Species 2018: e.T97161490A99166644. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97161490A99166644.en>. (P1188)

Borges, P.A.V., Lamelas-López, L. & Amorim, I.R. (2018). *Hydroporus guernei*. The IUCN Red List of Threatened Species 2018: e.T97167384A99166674. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97167384A99166674.en>. (P1189)

Borges, P.A.V., Lamelas-López, L., Nunes, R., Amorim, I.R., Rego, C., Boieiro, M. & Vieira, V. (2018) THE IUCN RED LIST – MAIISG GROUP– 83 AZOREAN ARTHROPOD SPECIES ASSESSMENTS. The IUCN Red List of Threatened Species 2018 (P1137)

Borges, P.A.V., Nunes, R. & Amorim, I.R. (2018). *Elipsocus azoricus*. The IUCN Red List of Threatened Species 2018: e.T97241143A99166969. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97241143A99166969.en>. (P1191)

Borges, P.A.V., Nunes, R. & Amorim, I.R. (2018). *Hemerobius azoricus*. The IUCN Red List of Threatened Species 2018: e.T97240865A99166964. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97240865A99166964.en>. (P1190)

Borges, P.A.V., Nunes, R. & Amorim, I.R. (2018). *Pinalitus oromii*. The IUCN Red List of Threatened Species 2018: e.T97223894A99166814. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97223894A99166814.en>. (P1192)

Borges, P.A.V., Picanço, A., Gil, A., Viinikka, A., Pitkanen, K., Adem Esmail, B., & Geneletti, D. (2018) Case Study Booklet: BALA - Biodiversity of Arthropods from the Laurisilva of Azores, Portugal. Prepared for “WS 5 - Testing the methods across biomes and regions” Madrid, Spain, 04-07 April 2017. ESMEALDA EC H2020 Grant Agreement no. 642007. http://maes-explorer.eu/page/overview_of_esmeralda_case_studies (P1128)

Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Centromerus anoculus*. The IUCN Red List of Threatened Species 2018: e.T57979781A58060847. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T57979781A58060847.en> (P1270)

Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Araneus hortensis*. The IUCN Red List of Threatened Species 2018: e.T57791251A58060651. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T57791251A58060651.en> (P1268)

Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Arctosa maderana*. The IUCN Red List of Threatened Species 2018: e.T58048540A58060992. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T58048540A58060992.en> (P1269)

Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Centromerus sexoculatus*. The IUCN Red List of Threatened Species 2018: e.T57979794A58060852. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T57979794A58060852.en> (P1271)

Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Centromerus variegatus*. The IUCN Red List of Threatened Species 2018: e.T57979798A58060857 <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T57979798A58060857.en> (P1272)

Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Ceratinopsis infusata*. The IUCN Red List of Threatened Species 2018: e.T57979897A58060862. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T57979897A58060862.en> (P1273)

Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Dipoenata longitarsis*. The IUCN Red List of Threatened Species 2018: e.T58052874A58061297. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T58052874A58061297.en> (P1274)

Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Drassodes rugichelis*. The IUCN Red List of Threatened Species 2018: e.T57883687A58060767. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T57883687A58060767.en> (P1275)

Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Dysdera aneris*. The IUCN Red List of Threatened Species 2018: e.T123716589A123717427. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T123716589A123717427.en> (P1276)

Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Dysdera coiffaiti*. The IUCN Red List of Threatened Species 2018: e.T57842073A58060697. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T57842073A58060697.en> (P1277)

Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Dysdera diversa*. The IUCN Red List of Threatened Species 2018: e.T57842078A58060702. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T57842078A58060702.en> (P1278)

Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Dysdera vandeli*. The IUCN Red List of Threatened Species 2018: e.T57859856A58060747. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T57859856A58060747.en> (P1279)

Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Echemus modestus*. The IUCN Red List of Threatened Species 2018: e.T57890654A58060772. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T57890654A58060772.en> (P1280)

Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Frontinellina dearmata*. The IUCN Red List of Threatened Species 2018: e.T57980037A58060867. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T57980037A58060867.en> (P1281)

Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Frontiphantes fulgurenotatus*. The IUCN Red List of Threatened Species 2018: e.T57980080A58060872. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T57980080A58060872.en> (P1282)

Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Hahnia insulana*. The IUCN Red List of Threatened Species 2018: e.T57979695A58060822. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T57979695A58060822.en> (P1283)

Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Hogna biscoitoi*. The IUCN Red List of Threatened Species 2018: e.T58048548A58060997. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T58048548A58060997.en> (P1284)

Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Hogna heeri*. The IUCN Red List of Threatened Species 2018: e.T58048559A58061002. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T58048559A58061002.en> (P1285)

Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Hogna insularum*. The IUCN Red List of Threatened Species 2018: e.T58048609A58061012. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T58048609A58061012.en> (P1286)

Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Hogna maderiana*. The IUCN Red List of Threatened Species 2018: e.T58048618A58061017. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T58048618A58061017.en> (P1287)

Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Hogna nonannulata*. The IUCN Red List of Threatened Species 2018: e.T58048634A58061022. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T58048634A58061022.en> (P1288)

Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Hogna schmitzi*. The IUCN Red List of Threatened Species 2018: e.T58048645A58061027. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T58048645A58061027.en> (P1289)

Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Lathys affinis*. The IUCN Red List of Threatened Species 2018: e.T57822386A58060681. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T57822386A58060681.en> (P1290)

Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Lepthyphantes impudicus*. The IUCN Red List of Threatened Species 2018: e.T58020649A58060887. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T58020649A58060887.en> (P1291)

Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Lepthyphantes lundbladi*. The IUCN Red List of Threatened Species 2018: e.T58020677A58060892. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T58020677A58060892.en> (P1292)

- Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Lepthyphantes mauli*. The IUCN Red List of Threatened Species 2018: e.T58020687A58060897. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T58020687A58060897.en> (P1293)
- Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Macaroeris desertensis*. The IUCN Red List of Threatened Species 2018: e.T58052642A58061257. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T58052642A58061257.en> (P1294)
- Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Macarophaeus cultior*. The IUCN Red List of Threatened Species 2018: e.T58076171A58077426. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T58076171A58077426.en> (P1295)
- Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Mesiotelus maderianus*. The IUCN Red List of Threatened Species 2018: e.T58048491A58060972. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T58048491A58060972.en> (P1296)
- Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Meta barreti*. The IUCN Red List of Threatened Species 2018: e.T58052741A58061267. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T58052741A58061267.en> (P1297)
- Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Meta stridulans*. The IUCN Red List of Threatened Species 2018: e.T58052776A58061277. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T58052776A58061277.en> (P1298)
- Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Misumena nigromaculata*. The IUCN Red List of Threatened Species 2018: e.T58053406A58061347. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T58053406A58061347.en> (P1299)
- Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Oecobius minor*. The IUCN Red List of Threatened Species 2018: e.T58048890A58061072. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T58048890A58061072.en> (P1300)
- Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Oecobius selvagensis*. The IUCN Red List of Threatened Species 2018: e.T58048910A58061082. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T58048910A58061082.en> (P1301)
- Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Parapelecopsis mediocris*. The IUCN Red List of Threatened Species 2018: e.T123717204A123717432. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T123717204A123717432.en> (P1302)
- Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Philodromus insulanus*. The IUCN Red List of Threatened Species 2018: e.T58049175A58061107. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T58049175A58061107.en> (P1303)
- Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Philodromus simillimus*. The IUCN Red List of Threatened Species 2018: e.T58049180A58061112. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T58049180A58061112.en> (P1304)
- Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Pholcus dentatus*. The IUCN Red List of Threatened Species 2018: e.T58049419A58061137. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T58049419A58061137.en> (P1305)
- Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Pholcus madeirensis*. The IUCN Red List of Threatened Species 2018: e.T58049423A58061142. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T58049423A58061142.en> (P1306)
- Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Pholcus magnus*. The IUCN Red List of Threatened Species 2018: e.T58049427A58061147. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T58049427A58061147.en> (P1307)
- Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Pholcus parvus*. The IUCN Red List of Threatened Species 2018: e.T58049431A58061152. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T58049431A58061152.en>

/IUCN.UK.2018-2.RLTS.T58049431A58061152.en (P1308)

Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Pholcus silvai*. The IUCN Red List of Threatened Species 2018: e.T58049631A58061162. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T58049631A58061162.en> (P1309)

Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Prinerigone pigra*. The IUCN Red List of Threatened Species 2018: e.T58021346A58060922. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T58021346A58060922.en> (P1310)

Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Rugathodes madeirensis*. The IUCN Red List of Threatened Species 2018: e.T58053028A58061312. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T58053028A58061312.en> (P1311)

Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Scotognapha paivai*. The IUCN Red List of Threatened Species 2018: e.T57979652A58060797. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T57979652A58060797.en> (P1312)

Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Spermophorides selvagensis*. The IUCN Red List of Threatened Species 2018: e.T58051156A58061212. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T58051156A58061212.en> (P1313)

Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Steatoda distincta*. The IUCN Red List of Threatened Species 2018: e.T58053093A58061322. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T58053093A58061322.en> (P1314)

Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Tenuiphantes tenebricoloides*. The IUCN Red List of Threatened Species 2018: e.T123717353A123717437. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T123717353A123717437.en> (P1315)

Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Trogloneta madeirensis*. The IUCN Red List of Threatened Species 2018: e.T58048804A58061047. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T58048804A58061047.en> (P1316)

Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Turinyphia maderiana*. The IUCN Red List of Threatened Species 2018: e.T58048181A58060947. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T58048181A58060947.en> (P1317)

Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Typhochrestus madeirensis*. The IUCN Red List of Threatened Species 2018: e.T58081425A58081483. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T58081425A58081483.en> (P1318)

Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Xysticus grohi*. The IUCN Red List of Threatened Species 2018: e.T58053533A58061357. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T58053533A58061357.en> (P1319)

Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Xysticus madeirensis*. The IUCN Red List of Threatened Species 2018: e.T58053588A58061362. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T58053588A58061362.en> (P1320)

Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. (2018) *Zimirina lepida*. The IUCN Red List of Threatened Species 2018: e.T58051517A58061232. <http://dx.doi.org/10.2305/IUCN.UK.20182.RLTS.T58051517A58061232.en> (P1321)

Pollard, D.A., Afonso, P. & Barreiros, J. (2018) *Mycteroperca fusca*. The IUCN Red List of Threatened Species 2018: e.T64409A42691809. DOI:10.2305/IUCN.UK.2018-2.RLTS.T64409A42691809.en (P1251)

Pollard, D.A., Afonso, P., Bertocini, A.A., Fennessy, S., Francour, P. & Barreiros, J. (2018) *Epinephelus marginatus*. The IUCN Red List of Threatened Species 2018: e.T7859A100467602. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T7859A100467602.en> (P1249)

Rego, C., Boieiro, M. & Borges, P.A.V. (2018) *Cixius azofloresi*. The IUCN Red List of Threatened

- Species 2018: e.T97217487A99166764. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97217487A99166764.en>. (P1194)
- Rego, C., Boieiro, M. & Borges, P.A.V. (2018) *Cixius azopicavus*. The IUCN Red List of Threatened Species 2018: e.T97217920A99166774. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97217920A99166774.en>. (P1193)
- Rego, C., Boieiro, M. & Borges, P.A.V. (2018) *Cixius azoterceirae*. The IUCN Red List of Threatened Species 2018: e.T97218887A99166789. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97218887A99166789.en>. (P1195)
- Rego, C., Boieiro, M. & Borges, P.A.V. (2018) *Cixius insularis*. The IUCN Red List of Threatened Species 2018: e.T97219031A99166799. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97219031A99166799.en>. (P1196)
- Vieira, V. & Borges, P.A.V. (2018) *Argyresthia atlanticella*. The IUCN Red List of Threatened Species 2018: e.T97492384A99167014. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97492384A99167014.en>. (P1207)
- Vieira, V. & Borges, P.A.V. (2018) *Argyresthia minusculella*. The IUCN Red List of Threatened Species 2018: e.T97492472A99167019. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97492472A99167019.en>. (P1208)
- Vieira, V. & Borges, P.A.V. (2018) *Brachmia infuscatella*. The IUCN Red List of Threatened Species 2018: e.T97232026A99166864. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97232026A99166864.en>. (P1209)
- Vieira, V. & Borges, P.A.V. (2018) *Cyclophora azorensis*. The IUCN Red List of Threatened Species 2018: e.T97236261A99166869. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97236261A99166869.en>. (P1197)
- Vieira, V. & Borges, P.A.V. (2018) *Eudarcia atlantica*. The IUCN Red List of Threatened Species 2018: e.T97239685A99166954. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97239685A99166954.en>. (P1210)
- Vieira, V. & Borges, P.A.V. (2018) *Eudonia interlinealis*. The IUCN Red List of Threatened Species 2018: e.T97224278A99166824. [78A99166824.en](http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97224278A99166824.en). (P1198)
- Vieira, V. & Borges, P.A.V. (2018) *Eudonia luteusalis*. The IUCN Red List of Threatened Species 2018: e.T97224807A99166829. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97224807A99166829.en>. (P1199)
- Vieira, V. & Borges, P.A.V. (2018) *Eudonia melanographa*. The IUCN Red List of Threatened Species 2018: e.T97225092A99166834. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97225092A99166834.en>. (P1211)
- Vieira, V. & Borges, P.A.V. (2018) *Graphania granti*. The IUCN Red List of Threatened Species 2018: e.T97296302A99166994. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97296302A99166994.en>. (P1200)
- Vieira, V. & Borges, P.A.V. (2018) *Mesapamea storai*. The IUCN Red List of Threatened Species 2018: e.T97237686A99166894. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97237686A99166894.en>. (P1212)
- Vieira, V. & Borges, P.A.V. (2018) *Micrurapteryx bistrigella*. The IUCN Red List of Threatened Species 2018: e.T97237103A99166884. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97237103A99166884.en>. (P1201)
- Vieira, V. & Borges, P.A.V. (2018) *Neomariania oecophorella*. The IUCN Red List of Threatened Species 2018: e.T97239378A99166944. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97239378A99166944.en>. (P1202)
- Vieira, V. & Borges, P.A.V. (2018) *Neomariania scriptella*. The IUCN Red List of Threatened

Species 2018: e.T97239466A99166949. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97239466A99166949.en>. (P1203)

Vieira, V. & Borges, P.A.V. (2018) *Noctua atlantica*. The IUCN Red List of Threatened Species 2018: e.T97237920A99166899. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97237920A99166899.en>. (P1213)

Vieira, V. & Borges, P.A.V. (2018). *Noctua carvalhoi*. The IUCN Red List of Threatened Species 2018: e.T97238174A99166904. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97238174A99166904.en>. (P1214)

Vieira, V. & Borges, P.A.V. (2018) *Phlogophora cabrali*. The IUCN Red List of Threatened Species 2018: e.T97238330A99166909. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97238330A99166909.en>. (P1204)

Vieira, V. & Borges, P.A.V. (2018) *Phlogophora furnasi*. The IUCN Red List of Threatened Species 2018: e.T97238422A99166914. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97238422A99166914.en>. (P1215)

Vieira, V. & Borges, P.A.V. (2018) *Phlogophora interrupta*. The IUCN Red List of Threatened Species 2018: e.T97238526A99166919. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97238526A99166919.en>. (P1205)

Vieira, V. & Borges, P.A.V. (2018) *Scoparia aequipennalis*. The IUCN Red List of Threatened Species 2018: e.T97225371A99166839. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97225371A99166839.en>. (P1206)

Vieira, V. & Borges, P.A.V. (2018) *Scoparia carvalhoi*. The IUCN Red List of Threatened Species 2018: e.T97226172A99166844. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97226172A99166844.en>. (P1216)

Vieira, V. & Borges, P.A.V. (2018) *Scoparia coecimaculalis*. The IUCN Red List of Threatened Species 2018: e.T97226481A99166849. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97226481A99166849.en>. (P1217)

Vieira, V. & Borges, P.A.V. (2018) *Scoparia semiimplalis*. The IUCN Red List of Threatened Species 2018: e.T97226719A99166854. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97226719A99166854.en>. (P1218)

Vieira, V. & Borges, P.A.V. (2018) *Xanthorhoe inaequata*. The IUCN Red List of Threatened Species 2018: e.T97236961A99166879. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97236961A99166879.en>. (P1219)

Artigos em revistas

internacionais sem arbitragem na

Artigos em revistas nacionais com arbitragem By at least one integrated member (n=6)

Boieiro, M., Fagundes, A.I, Gouveia, C., Ramos, J.A. & Menezes, D. (2018) Small but fierce: invasive ants kill Barolo Shearwater (*Puffinus lherminieri baroli*) nestling in Cima islet (Porto Santo, Madeira Archipelago). *AIRO - Portuguese Society for the Study of Birds*, 25, 44-50. (P1259)

Faucher-Delisle, J., Garcia, P.V., Nunes-Morgado, L. & Ventura, M.A. (2018) Sublethal effects of the ingestion of imidacloprid and deltamethrin by *Chrysoperla agilis* (Neuroptera: Chrysopidae). *Açoreana*, 11(2), 227-235. (P1325)

Linhares, D.S.P., Garcia, P.V., Goulart, S., Sebastião, C., Mota Preto, P. & Rodrigues, A.S. (2018) Risk factors and chemical composition of urinary stones in the Azorean population (São Miguel Island - Portugal): a preliminary study. *Acta Urológica Portuguesa*, 35(1-2), 32-38. DOI:10.24915/aup.35.1-2.67. (P1339)

Pérez Santa-Rita, J.V., Ros-Prieto, A., Vieira, V., Karsholt, O., Gabriel, R. & Borges, P.A.V. (2018) New records of moths (Insecta, Lepidoptera) from urban gardens on Terceira Island with new data on recently introduced species to the Azores. *Arquipelago. Life and Marine Sciences*, 35, 47-65. (P1114)

Ramos, C., Franquinho Aguiar, A.M., Silva, I., Mourão, A., Santos, R., Rego, C. & Boieiro, M. (2018) New findings of phytophagous insects (Hemiptera: Coccoidea and Aphidoidea) from Ilhéu Chão (Desertas Islands, Madeira Archipelago). *Museu de História Natural do Funchal*, LXVIII(351), 25-30. ISSN:2183-279X. (P1359)

Tavares, W.R., Garcia, P.V., Barreto, M.C., Seca, A.M.L. & Rodrigues, A. (2018) Cardiorespiratory health effects associated with acute exposure to hydrothermal gas emissions from Furnas volcano. *Açoreana*, 11(2), 265-275. (P1326)

Artigos em revistas nacionais sem arbitragem

By at least one integrated member (n=12)

Amorim, I.R., Pereira, F. & Borges, P.A.V. (2018) O escaravelho cavernícola da ilha Terceira *Trechus terceiranus*. *Pingo de Lava*, 42, 22-23. (P1351)

Barreiros J. P. (2018) Os peixes nos mares dos Açores/The fish from the Azorean seas. *My Plan Magazine*, 14, 40-41. (P1353)

Barreiros, J.P. (2018) A extinção da megafauna americana no fim do Pleistoceno. *Atlântida, Revista de Cultura*, LXIII, 301-305. (P1263)

Barreiros, J.P. (2018) A pesca harmoniosa. *My plan magazine*, 12, 40-42. (Tradução e Desenho: Barreiros, J.P.) (P1106)

Barreiros, J.P. (2018) O estudo do mar profundo nos Açores. *My plan magazine*, 16, 52-53. (P1246)

Barreiros, J.P. (2018) Os atuns nos Açores. *My plan magazine*, 12, 42-44. (P1105)

Barreto, M.C. (2018) MACBIOBLUE - Biotecnologia Azul na Macaronésia, *UAciência, Açores Magazine*, 28-29. Março. (P1342)

Barreto, M.M. (2018) MACBIOBLUE: Explorando o potencial das algas. *NO Revista*, Setembro, 36-37. (P1237)

Ferreira, M.T., Borges, P.A.V. & Elias, R.B. (2018) Impacto das alterações climáticas na flora e fauna de artrópodes endémica dos Açores. *Pingo de Lava*, 42, 24-30. (P1352)

Parelho, C., Rodrigues, A. & Garcia, P.V. (2018) Resistência a antibióticos: um problema de saúde pública, animal e ambiental. *UAciência, Açores Magazine*, 24-25. Abril. (P1341)

Riley, C.G. (2018) Os Açores e o mar profundo: um mergulho na história. *My plan magazine*, 16, 48-50. (Tradução: Barreiros, J.P.) (P1247)

Seca, A.M.L. (2018) *Asparagopsis armata* da costa Açoriana: uma alga em estudo. *UAciência, Açores Magazine*, 28-29. Setembro. (P1238)

Artigos em livros de atas

Abadi, M., Grandchamp, E. & Gil, A. (2018) Effects of pansharpening methods on discrimination of tropical crop and forest using very high-resolution satellite imagery. *Proceedings of the 2018 IEEE International Geoscience and Remote Sensing Symposium (IGARSS)*, Valencia, Spain, 7204-7207 (P1222)

Alirezazadeh, S., Borda-De-Água, L., Borges, P.A.V., Gabriel, R., Dionisio, F., Pereira, H. M., & Cardoso, P. (2018) Theoretical Approach for how Species Abundance Distributions Change Across Scales. *Proceeding of the 2018 13th APCA International Conference on Control and Soft Computing (CONTROLO)*, Ponta Delgada, Portugal, 131-136. DOI: 10.1109/CONTROLO.2018.8514272 (P1258)

Lima, J.Á., Gonzàlez, P.F., Batista, M.G., Soares, A.O., Sousa, Á. & Silva, O. (2018) Atas do II Encontro Internacional de Jovens Investigadores - JOIN 2017. Ponta Delgada: Universidade dos Açores. ISBN:978-989-8870-11-7. (P1348)

Parelho, C., Rodrigues, A. & Garcia, P.V. (2018) Biomonitoring soil health in agricultural volcanic areas - an integrative approach. Proceedings of the Global Symposium on Soil Pollution 2018, Food and Agriculture Organization of the United Nations, Rome, Italy, 453-457. ISBN: 978-92-5-130863-9 (P1340)

Silva, O., Medeiros, T., Moniz, A., Tomás, L., Vieira, V., Furtado, S., Santos, C. & Ferreira, J. (2018) Escala de Motivações dos Turistas Seniores. Proceedings of the 25th APDR Congress: Circular Economy, Urban Metabolism and Regional Development: Challenges for a Sustainable Future, Lisboa, Portugal, 372-378. ISBN:978-989-8780-06-5. (P1335)

Silva, O., Medeiros, T., Vieira, V. & Furtado, S.C.O. (2018) Destino Açores: Motivações dos turistas seniores. Book of Abstracts of the Tourism & Management Studies International Conference, Escola Superior de Gestão, Hotelaria e Turismo da Universidade do Algarve, Faro, Portugal, 179. ISBN:978-989-8859-53-2. (P1336)

Edições	na
Livros	na
Capítulos de livros	<p>By at least one integrated member (n=3)</p> <p>Ameixa, O.M.C.C., Soares, A.O., Soares, A.M.V.M. & Lillebø, A.I. (2018) Ecosystem services provided by the little things that run the world. Selected Studies in Biodiversity (ed. by E. Şen), pp. 267-302. IntechOpen. ISBN:978-1-78923-233-2. (P1131)</p> <p>Gil, A., Fernández-Urrutia, M., Isidoro, A., Medeiros, V., & Pacheco, J.L. (2018) Sentinel-based Azores Regional Forest Inventory. pp102-103. NEREUS, European Space Agency & European Commission (2018), The Ever Growing use of Copernicus across Europe's Regions: a selection of 99 user stories by local and regional authorities". 277p. (P1256)</p> <p>Silva-Rocha, I., Vieira, V., Aguiar, A.F., Boieiro, M., Borges, P.A.V., Carretero, M.A., Cravo, D., Jesus, J., Matos, M., Monteiro, Miguel, M., Rego, C., Reino, L., Serrano, A.R.M., Soares, A.O. & Sousa, A. (2018) Animais exóticos e invasores em ecossistemas terrestres. As invasões biológicas em Portugal: história, diversidade e gestão (ed. by J.R. Vicente, A.I. Queiroz, E. Marchante, J.P. Honrado and L. Silva), pp. 142-158, Arte e Ciência, Porto. ISBN:978-989-99518-8-4. (P1126)</p> <p>By Associate Research Fellows only (n=1)</p> <p>Verbist, M., Nunes, L., Jones, D. & Branco, J.M. (2018) Service life design of timber structures. Long-term performance and durability of masonry structures (ed. by B. Ghiassi and P. Lourenço), pp. 311-336. Edited Woodhead Publishing. eBook ISBN:9780081021118. Paperback ISBN:9780081021101. (P1346)</p>
Comunicações Oraís	<p>Alaniz A.J., Soares, A.O., Azevedo, E.B. & Grez, A.A./Assessing the effect of climate conditions on the restriction of biological invasions: the case of <i>Harmonia axyridis</i> in the Azores./Oral communication/Benefits and Risks of Exotic Biological Control Agents" for the IOBC-WPRS Working Group Meeting/Ponta Delgada, Portugal/12-14 september</p> <p>Alirezazadeh, S., Borda-De-Água, L., Borges, P.A.V., Gabriel, R., Dionisio, F., Pereira, H. M., & Cardoso, P./Theoretical approach for how species abundance distributions change across scales /Oral communication/13th APCA International Conference on Control and Soft Computing (CONTROLO)/Ponta Delgada, Açores, Portugal/4-6 june</p> <p>Ameixa, O.M.C.C., Šipoš, J., Burdas, M., Soares, A.M.V M. & Soares, A.O./Factors influencing the introduction and spread of <i>harmonia axyridis</i> in the Iberian Peninsula./Oral communication/</p>

Benefits and Risks of Exotic Biological Control Agents” for the IOBC-WPRS Working Group Meeting/Ponta Delgada, Portugal/ 12-14 september

Barreto, M.C., Rosa, G., Nunes, N., Ferraz, S., Carvalho, M.A. & Seca, A.M.L./Valorization of beach-cast macroalgae biomass as anticholinesterasic agents./Oral communication/1st Seaweed for Health Conference/Galway, Ireland /24-27 june

Barreto, M.C., Rosa, G., Toubarro, D., Simões, N. & Di Ghionno, L./ Enzymatic hydrolysis of seaweed to produce bioactive carbohydrates and peptides/Oral communication/1st Seaweed for Health Conference/Galway, Ireland /24-27 june

Bernardo F, Rocha, T., Camarinho, R., Matos, P., Pinho, P., Branquinho, C., Viveiros, F., Rodrigues, A. & Garcia, P.V./SUITABILITY OF USNEA RUBICUNDA AS BIOMONITOR OF VOLCANOGENIC AIR POLLUTION ON HYDROTHERMAL AREAS /Oral communication 4th International Congress on Occupational & Environmental Toxicology (ICOETOX)/Matosinhos, Portugal/24-26 october

Bernardo F./Suitability of Usnea rubicunda as biomonitor of volcanogenic air pollution on hydrothermal areas/Oral communication/Workshop - The impact of natural and anthropogenic pollution on ecosystems and human health: Which indicators should we use?/Ponta Delgada, Portugal/17 september

Borges, P.A.V., Elias, R.B., Ferreira, M.T. & Gabriel, R./Onde se esconde a biodiversidade dos Açores: ‘Hotspots’ de biodiversidade na era das alterações globais/Oral, invited/Ciclo de Palestras: "Impactos das Alterações Climáticas na Sociedade Açoriana"/Angra do Heroísmo, Açores, Portugal/11 July

Borges, P.A.V., Kreft, H., Cardoso, P. & Gabriel, R./A global island monitoring scheme (gims) for the long-term coordinated survey and monitoring of forest biota across islands/Oral communication/7th International Conference on Environmental Future (7th ICEF)/Hawaii, Honolulu, USA/16-20 april

Borges, P.A.V., Lamelas-Lopez, L., Nunes, R., Amorim, I.R., Boieiro, M & Rego, C./Red list of azorean endemic cave adapted arthropods: an ecological and conservation overview/Oral communication/24th CSB – International Conference on Subterranean Biology/Aveiro, Portugal/20-24 august

Borges, P.A.V./Island ecology and evolution: challenges in the anthropocene/Oral communication /7th International Conference on Environmental Future (7th ICEF)/Hawaii, Honolulu, USA/16-20 april

Borges, P.A.V./The biogeography of native and exotic species on islands/Oral communication/4th cE3c Annual Meeting – Frontiers in E3/Lisboa, Portugal/9-10 july

Dentinho, T.P. & Gabriel, R./Angra vista dos Ilhéus das Cabras: Visita de barco/Oral, invited/Ciclo de Palestras: "Impactos das Alterações Climáticas na Sociedade Açoriana"/Angra do Heroísmo, Açores, Portugal/18 july

Ferreira M., Rego C., Santos R., Pereira F., Borges P.A.V. & Boieiro M./Pollination networks from native forest areas and their humandisturbed surroundings in terceira island (azores)/Oral communication/4th cE3c Annual Meeting – Frontiers in E3/Lisboa, Portugal/9-10 july

Gabriel, R., Benedictis, M., Fuentes Sánchez, A. & Arroz, A.M.M./Unveiling children and teenagers representations of bryophytes within the Azorean ecosystem/Oral communication/4th Annual Meeting: Frontiers in E3/Lisboa, Portugal/9-10 july

Gabriel, R., Coelho, M.C., Velasco, C. & Benedictis, M. Musgos: o que são e para que servem?/Oral, invited/XVI Semana da Ciência da Escola Básica Integrada de Angra do Heroísmo/Angra do Heroísmo, Açores, Portugal/19-23 march

Gabriel, R., Henriques, D.S.G. Coelho, M.C.M., Fuentes Sánchez, A., Benedictis, M., Arroz, A.M.M. & Borges, P.A.V. /Briófitos dos Açores num clima em mudança: Indicadores e perspectivas/Oral, invited/Ciclo de Palestras: "Impactos das Alterações Climáticas na Sociedade

Açoriana"/Angra do Heroísmo, Açores, Portugal/11 July

Gabriel, R., Sim-Sim, M. M., & González-Mancebo, J. M./ Conservation concern' bryophytes find refuge on cave entrances in the Azores /Oral communication/24th International Conference on Subterranean Biology./Aveiro, Portugal/20-24 august

Gabriel, R./Discussing «Archipelagos of learning: Environmental education on islands»/Oral, invited/7th International Conference on Environmental Future: Humans and Island Environments/Hawaii, Honolulu, USA/16-20 april

Gabriel, R./Jardins na cidade: importância para a conservação da biodiversidade/Oral/Pedaços de Mar e Ambiente II: Ambiente urbano e sustentabilidade./Angra do Heroísmo, Açores, Portugal/4-9 june

Gabriel, R./Vegetação natural dos Açores: simplicidade taxonómica e sofisticação estrutural/Oral, invited/Semana de Reflorestação Nacional: A Terceira vista pelos descobridores portugueses - Biodiversidade e floresta autóctone/Praia da Vitória, Açores, Portugal/16 november

Garcia, C. & Barreiros, J.P. /Património arqueológico subaquático e biodiversidade - Uma relação simbiótica. O caso dos Parques Arqueológicos Subaquáticos de Angra e do Dori, nos Açores./ III Jornadas de Investigación en Historia y Arqueología Marítimas/Lisboa, Portugal/21-23 november

Gil, A./Using Google Earth Engine platform for monitoring Azores Islands' land use and terrestrial ecosystems/Oral communication/GeONG'18 - The Humanitarian Data Forum/Chambéry, France/29-31 october 2018

Gonçalves, V. Luz, R. Cordeiro, R. Xavier, E. Fonseca, A. & Neto, A.I./BACA-A new culture collection of algae and cyanobacteria from the Azores/Oral communication/International Symposium FloraMac2018/Funchal, Madeira/12-15 september

Grez A. A., Zaviezo, T., González, C., Soares, A.O. & Poch, T. / Interspecific interactions: possible mechanisms explaining the successful invario of *Harmonia axyridis* (Pallas) in Chile and potential effect on the biological control services/Oral communication/1st International Congress of Biological Control/Biejing, China/14-16 may

Grez, A.A., Zaviezo, T., Soares, A.O., Romero, V. & Gonzalez, C./Field and laboratory evidence of mechanisms explaining the dominance of *Harmonia axyridis* (Pallas) in Alfalfa in Chile./Oral communication/Benefits and Risks of Exotic Biological Control Agents" for the IOBC-WPRWorking Group Meeting/Ponta Delgada, Portugal/12-14 september

Medeiros, T., Ferreira, J., Tomás L., Moniz, A.I., Silva, O., Vieira, V., Furtado, S. & Santos, C./Senior tourism: The perception of health and the pursuit of well-being in the Azores as a destination/Oral communication/I World Health and Wellness Tourism Congress /Madeira & Porto Santo, Portugal/1-4 october

Medeiros, T., Moniz, A. I., Tomás, L., Silva, O., Furtado, S., Vieira, V., Santos C. & Ferreira, J. /Motivações e atividades dos turistas seniores: Desafio da sustentabilidade em ilhas./Oral communication/II Congresso Iberoamericano de Turismo y Responsabilidad Social/Coruña, Spain/22-23 october

Meseguer, R., Borges, I., Vieira, V., Pons, G. & Soares, A.O./ Evaluation of the potential use of *Scymnus nubilus* Mulsant (Coleoptera: Coccinellidae) in augmentative biological control agent programs/Oral communication/1st International Congress of Biological Control/Biejing, China/14-16 may

Meseguer, R., Borges, I., Vieira, V., Pons, G. & Soares, A.O./Evaluation of the potential use of *Scymnus nubilus* Mulsant (Coleoptera: Coccinellidae) in augmentative biological control agent programs/Oral communication/4th cE3c Annual meeting – Frontiers in E/Lisboa, Portugal/9-10 july

Meseguer, R., I. Borges, V. Vieira, G. Pons & A. O. Soares/Ecosystem services provided by the

native predator *Scymnus nubilus* Mulsant (Coleoptera: Coccinellidae) against aphids on forestry nurseries /Oral communication/Benefits and Risks of Exotic Biological Control Agents” for the IOBC-WPRSWorking Group Meeting/Ponta Delgada, Portugal/12-14 september

Nedvěď, O., Muhammad, A., Abdolahi, R., Sakaki, S. & Soares, A.O./Age and temperature effects on accumulation of carotenoids in ladybirds./Oral communication/Benefits and Risks of Exotic Biological Control Agents” for the IOBC-WPRSWorking Group Meeting/Ponta Delgada, Portugal/12-14 september

Neto, A.I., Viera-Rodríguez, M.A. & Haroun, R./Macaronesian Algae: Diversity, Uses and Threats./Oral communication/International Symposium FloraMac2018/Funchal, Madeira/12-15 september

Norder S.J., Proios, K.V., Whittaker, R.J., Alonso, M.R., Borges, P.A.V., Borregaard, M.K., Cowie, R.H., Florens, F.B.V., de Frias Martins, A.M., Ibáñez, M., Kissling, W.D., de Nascimento, L., Otto, R., Parent, C.E., Rigal, F., Warren, B.H., Fernández-Parelho C./Soil health in agricultural volcanic areas/Oral communication/Workshop - The impact of natural and anthropogenic pollution on ecosystems and human health: Which indicators should we use?/Ponta Delgada, Portugal/17 september

Patarra, R.F., Abreu, M.H., Pereira, R., Buschmann, A.H. & Neto, A.I./Effects of stocking density and water flow on the growth and bioremediation efficiency of *Halopteris scoparia* (Ochrophyta)/Oral communication/Lessons from two high CO2 worlds – Future oceans and intensive aquaculture Symposium/Lagoa, São Miguel/10-12 April

Pimentel, R., Rebelo, J., Soares, P., Eleonora, L., Bevilacqua, R. & Lopes, D.H./Evaluation of kits of traps and lures for monitoring *Ceratitis capitata* Wiedemann (Diptera: Tephritidae) in Terceira Island, Azores/Oral communication/Citrus Working Group/ Valência, Spain/25-27 september

Rosa, G., Nunes, N., Ferraz, S., Carvalho, M.A., Seca, A.M.L. & Barreto, M.C. /Anti-aging activity of beach-cast macroalgae wracks from Macaronesia. /Oral communication/1st Seaweed for Health Conference/Galway, Ireland /24-27 june

Santos, C., Medeiros, T., Moniz, A., Tomás, L., Silva, O., Vieira, V., Furtado, S. & Ferreira, J. /Characterization of senior tourists in the portuguese islands of the Azores: A pilot case study/Oral communication/10th International Conference on Islands Tourism/Palermo, Sicilia, Italy/7-8 september

Sedrez, M.C., Barrill, G.H.C., Fragoso Moura, E.N., Barreiros, J.P., Branco, J.O. & Verani, J.R. /Dinâmica populacional de *Paralichthys brasiliensis* (Steindachner, 1875) (Perciformes: Sciaenidae)/Oral communication/XXXII Congresso Brasileiro de Zoologia /Foz do Iguaçu, Brasil/2 march

Silva, O., Medeiros, T., Moniz, A. I., Tomás, L., Vieira, V., Furtado, S., Santos, C. & ferreira, J./Motivações para os turistas seniores visitarem os Açores/Oral communication/25th APDR Congress: Circular Economy, Urban Metabolism and Regional Development: Challenges for a Sustainable Future/Lisboa, Portugal/5-6 july

Silva, O.D.L., Medeiros, M.T.P., Vieira, V. & Furtado, S.C.O./Destino Açores: Motivações dos turistas seniores./Oral communication/TMS Algarve 2018: Tourism & Management Studies International Conference/Algarve, Portugal/14-17 november

Tomás, L., Medeiros, T., Silva, O., Moniz, A. I., Vieira, V., Furtado, S., Santos, C., & Ferreira, J./Entre o usufruir, o prazer e o ser: Sustentabilidade e turismo de natureza/Oral communication/X Congresso APS – Na era da pós-verdade/Covilhã, Portugal/11 july

Painéis

na

Teses de doutoramento

Ana Picanço (2018) conservation in islands protected areas: the case of plant-insect pollinating networks. Scientific Area: Gestão Interdisciplinar da Paisagem. Supervisors: Borges, P.A.V. & Rigal, F. Grading Institution: University of the Azores. Number of pages: 201.

Ana Rita Patarra (2018) studies of economically important seaweeds. Scientific Area: Biologia, Ficologia. Supervisors: Neto, A.I., Buschmann, A.H. & Abreu, H. Grading Institution: University of the Azores. Number of pages: 156.

Arianna Cecchetti (2018) Effects of tourism operations on the behavioural patterns of dolphin populations off the Azores, with particular emphasis on the common dolphin (*Delphinus delphis*). Scientific Area: Biologia. Supervisors: Azevedo, J.M.N., Gordon, j. & Stockin, K. Grading Institution: University of the Azores. Number of pages: 122.

Emanuel Dias Xavier (2018) Intensive production of microalgae with high economic, social and energetic value: potential in the autonomous region of the Azores. Scientific Area: Biologia, Ficologia. Supervisors: Neto, A.I., Azevedo, J.M.N. & Reis, A. Grading Institution: University of the Azores. Number of pages: 103.

Débora Sofia Gouveia Henriques (2018) Byophyte diversity across altitudinal gradients in the Azores: Looking for signs of climate change in the functional hyperspace. Scientific Area: Gestão Interdisciplinar da Paisagem. Supervisors: Gabriel, R. & Borges, P.A.V. Grading Institution: University of the Azores. Number of pages: 188.

Lara Sofia Pereira Dutra da Silva (2018) Modeling tools to predict potential distribution of forest species: using Pico Island and the Azores as a study case. Scientific Area: Biologia. Supervisors: Elias, R. & Silva, L. CIBIO-InBIO (Universidade dos Açores). Grading Institution: University of the Azores. Number of pages: 259.

Lurdes da Conceição Borges Silva(2018) Contribution of tree age determination and biomass estimation models for management of exotic woodland in the Azores. Scientific Area: Biologia. Supervisors: Elias, R. & Silva, L. CIBIO-InBIO (Universidade dos Açores). Grading Institution: University of the Azores. Number of pages: 157.

Marc Fernandez (2018) Modelling the ecological niche of cetaceans: new perspectives and applications. Scientific Area: Biologia. Supervisors: Azevedo, J.M.N, Chris Yesson, Alexandre Gannier. Grading Institution: University of the Azores. Number of pages: 204.

Márcia C.M. Coelho (2018) Bryophytes from native vegetation areas face to climate changes: Ecophysiological diversity and resilience. Scientific Area: Biologia. Supervisors: Gabriel, R. & Ah-Peng, C. Grading Institution: University of the Azores. Number of pages: 261.

Rui Miguel Ricardo Nunes (2018) Whole Azorean arthropod diversity: understanding the trophic relations and functional diversity at a plot scale. Scientific Area: Gestão Interdisciplinar da Paisagem. Supervisors: Borges, P.A.V., Cardoso, P. & Soares, A.O. Grading Institution: University of the Azores. Number of pages: 154.

Sónia Duarte (2018) Symbiotic flagellate protists as a target for subterranean termite control strategies. Scientific Area: Ciências Agrárias (Proteção de plantas). Supervisors: Nunes, L. & Borges, P.A.V. Grading Institution: University of the Azores. Number of pages: 227.

Teses de mestrado

Alexandros Kellaris (2018) drones to monitor seaweeds: the invasive *Asparagopsis armata* in the Azores. Scientific Area: Ecology, evolution and conservation. Supervisors: Yesson, C. (ZSL, UK), Gil, A. (cE3c-UAc), Windram, O. (ICL, UK). Grading Institution: IMPERIAL COLLEGE OF LONDON (UK). Number of pages: 36.

Gonçalo Pereira Rosa (2018) Biotransformation of chalcones: A method to obtain new bioactive derivatives. Scientific Area: Ciências Biomédicas. Supervisors: Seca, A.M.L. & Barreto, M.C. Grading Institution: University of the Azores. Number of pages: 146.

Joana Gonçalves Rocha (2018) Avaliação dos efeitos respiratórios e genotóxicos/citotóxicos da exposição a produtos resultantes das atividades de tipografia. Scientific Area: Ciências Biomédicas. Supervisors: Rodrigues, A. & Garcia, P.V. Grading Institution: University of the Azores. Number of pages: 36.

Job Moniz da Silva Culo (2018) Impacto de uma intervenção educativa sobre resíduos sólidos urbanos no município do Namibe: Contributos para a elaboração de um modelo de educação

ambiental. Scientific Area: Gestão e Conservação da Natureza. Supervisors: Gabriel, R. e Arroz, A. M.M. Grading Institution: University of the Azores. Number of pages: 148.

Roberto Meseguer Rosagro (2018) Evaluation of *Scymnus nubilus* Mulsant (Coleoptera: Coccinellidae) as biological control agent against *Aphis spiraeicola* Patch and *Cinara juniperi* (De Geer) (Hemiptera: Aphididae). Scientific Area: Biodiversity. Supervisors: Soares, A.O. & Borges, I. Grading Institution: University of the Azores. Number of pages: 41.

Sara Inês Semião Lourenço (2018) Cartografia e Avaliação do Potencial de Serviços de Ecossistema para o Apoio à Decisão em Gestão Territorial em Ilhas Oceânicas- o caso de estudo da Polinização por Insetos na Ilha Terceira Açores, Portugal". Scientific Area: Ecologia e Gestão Ambiental. Supervisors: Costa, J.L. (FCUL) & Gil, A. (cE3c-UAc). Grading Institution: Departamento de Biologia Animal, FCUL. Number of pages: 98.

Sofia Catarina Faria (2018) Ictiodiversidade do ecossistema intertidal rochoso em poças de maré e piscinas naturais da ilha Terceira. Scientific Area: Gestão e Conservação da Natureza. Supervisors: Barreiros, J.B. Grading Institution: University of the Azores. Number of pages: 106.

Soraia Patrícia Lousada Branco (2018) O conhecimento tradicional etnobotânico na Serra do Buçaco: Levantamento, continuidade e preservação. Scientific Area: Gestão e Conservação da Natureza. Supervisors: Gabriel, R. e Arroz, A. M.M. Grading Institution: University of the Azores. Number of pages: 218.

Wilson Rodrigues Tavares (2018) To what extent acute exposure to volcanic gases affects cells of the respiratory epithelium, peripheral oxygen saturation and lung function? Scientific Area: Ciências Biomédicas. Supervisors: Seca, A.M.L., Rodrigues, A.S., Barreto, M.C. & Garcia, P.V. Grading Institution: University of the Azores. Number of pages: 60.

Relatórios

By at least one integrated member (n=6)

Borges, P.A.V. (2018) Plano de recolha de informação e controle das espécies de Térmitas Subterrâneas na Terceira (Lajes) e Faial (Horta)- 1. Selecção das áreas de amostragem. Universidade dos Açores, Dep. de Ciências e Engenharia do Ambiente, Angra do Heroísmo, 7 pp. (P1329)

Borges, P.A.V. & Garcia, F. (2018) Plano de recolha de informação e controle das espécies de Térmitas Subterrâneas na Terceira (Lajes) e Faial (Horta)- 2. Estratégia para Controle e Erradicação. Universidade dos Açores, Dep. de Ciências e Engenharia do Ambiente, Angra do Heroísmo, 40 pp. (P1330)

Guerreiro, O. & Borges, P.A.V. (2018) Determinação da distribuição de insectos xilófagos: térmitas (Isoptera) e carunchos (Coleoptera) na igreja de Nossa Senhora do Carmo – Novembro 2018. Universidade dos Açores, Dep. de Ciências e Engenharia do Ambiente, Angra do Heroísmo, 32 pp. (P1327)

Guerreiro, O. & Borges, P.A.V. (2018) Determinação da distribuição de insectos xilófagos: térmitas (Isoptera) e carunchos (Coleoptera) Palácio de Sant'Ana – Novembro 2018. Universidade dos Açores, Dep. de Ciências e Engenharia do Ambiente, Angra do Heroísmo, 38 pp. (P1324)

Guerreiro, O. & Borges, P.A.V. (2018) Determinação da distribuição de insectos xilófagos: térmitas (Isoptera) e carunchos (Coleoptera) no Palácio dos Capitães Gerais – Novembro 2018. Universidade dos Açores, Dep. de Ciências e Engenharia do Ambiente, Angra do Heroísmo, 44 pp. (P1328)

Kindemba, V. & Borges, P.A.V. (2018) SSC Mid-Atlantic Island Invertebrate Specialist Group 2016-2017 Report. IUCN-SSC. Reports (P1226)

Cooperação interinstitucional

Lista de instituições, entidades e organizações com as quais a Unidade de Investigação cooperou em 2018

Cooperação internacional

Associate Research Fellows (External Collaborators):

- Alain Vanderpoorten (University of Liege) – Collaboration in the Biogeography of Azorean Bryophytes
- Ana Margarida Santos (Past Ph.D. Student), collaborator based in the University of Alcalá (Spain)
- Aristeidis Parmakelis (University of Athens)
- Audrey A. Grez Villarroel (University of Chile)
- Eva Cacabelos Reys (Univ. Azores, FCT-DB)
- Fleur Visser (Behavioural Biology group of Leiden University)
- François Rigal (Past Post-Doc) - Université de Pau et des Pays de l'Adour (France)
- Gabor Lovei (Aarhus University)
- Isadora Moniz (Univ. Azores, FCT-DB)
- Jairo Patiño (University of La Laguna) – Collaboration in the Biogeography of Azorean Bryophytes
- Kostas Triantis (Past Post-Doc), collaborator in Island Biogeography and based in the University of Athens, Greece
- Leila Bagaço (Univ. Azores, FCT-DB)
- Lina Nunes (LNEC)
- Luís Barcelos (Past “Recuperar Program - Azorean Government”)
- Margarita Patricia Florencio Diaz (Past Post-Doc)
- Nídia Homem (Univ. Azores, FCAA-DCEA)
- Pedro Cardoso (Past Post-Doc). collaborator in Macroecology and based in the Finnish Museum of Natural History at Helsinki (Finland)
- Pedro Miguel Reis Rodrigues (Universidad Austral de Chile) Collaboration in the Biogeography of Azorean Birds
- Sérvio P. Ribeiro, collaborator in Canopy ecology and based in Universidade Federal de Ouro Preto (UFOP), Brasil
- Simone Fattorini, collaborator in Island Biogeography (University of Aquila, Italy)
- Sofia Terzopoulou (Past Ph.D. Student) (in collaboration with other research Center in Greece)
- Tarso de Menezes Macedo Costa (Past Post-Doc) (Univ. Azores, FCT-DB)
- Thomas Matthews (Past Ph.D. Student) (University of Birmingham, UK)

Cooperação nacional

- Dinarte Nuno Freitas Teixeira (Instituto das Florestas e Conservação da Natureza, IP-RAM)
- José A. P. Marcelino (Past Post-Doc) (Univ. Azores, FCT-DB)
- José Carlos Carvalho, collaborator in Macroecology (Independent researcher)

Cooperação regional

- Parques Naturais dos Açores
- AZORINA
- Jardim Botânico da Horta

Divulgação científica e cultural

Atividades de divulgação científica e cultural

Conferências e palestras

- Abrantes-Garcia, A.C. & Barreiros, J.P. (2018) Património arqueológico subaquático e biodiversidade - Uma relação simbiótica. O caso dos Parques Arqueológicos Subaquáticos de Angra e do Dori, nos Açores. Experiencias en la conservación y divulgación del patrimonio marítimo y subacuático. Moderador: Dr. Patricia Carvalho. III Jornadas de Investigación en historia y Arqueología marítimas. Lisboa, Portugal.
- Barreiros, J.P. (2018) “As extinções da megafauna americana no fim do Pleistoceno”. Palestra integrada no Ciclo de Conferências – O Impacto das Alterações Climáticas na Sociedade Açoriana”, Centro Cultural e de Congressos de Angra do Heroísmo, 18 de Julho;
- Barreiros, J.P. (2018) “Uma história natural: dos Dinossauros às Aves”. Palestra convidada à XVI Semana da Ciência, organizada pelo Departamento de Ciências da Escola Básica e Integrada de Angra do Heroísmo, 19 a 23 de Março;
- Borges, P.A.V. (2018) No dia 11 de Julho no âmbito do Ciclo de Palestras “O impacto das alterações climáticas na sociedade açoriana” (Angra do Heroísmo) foi convidado para proferir a palestra “Onde se esconde a biodiversidade dos Açores: “Hotspots” de biodiversidade na era das alterações globais”.

-Borges, P.A.V. (2018) No dia 16 de Novembro no âmbito do Workshop "A Terceira vista pelos Descobridores Portugueses", que decorreu no O Centro de Interpretação Ambiental da Infraestrutura Verde Húmida Costeira da Praia da Vitória (IVHCPV), foi convidado para proferir a palestra "A Fauna da Copa da Floresta Nativa dos Açores: Uma Janela para o Passado?".

-Borges, P.A.V. (2018) No dia 27 de Setembro no âmbito do Ciclo de Palestras "do Museu de História Natural de Helsinquia foi convidado para proferir a palestra "Long term monitoring of Azorean arthropods: what have we learned so far?".

-Neto, A.I., Cacabelos, E., Faria, J., Moreu, I., Prestes, A.C.L., Azevedo, J.M.N. & Martins, G.M. (2018) Impactos das Alterações Climáticas nas Comunidades Intertidais dos Açores. Ciclo de Palestras sobre as Alterações Climáticas "Impactos das Alterações Climáticas na Sociedade Açoriana", Salão Nobre da Câmara Municipal de Angra do Heroísmo, Terceira, Açores, Portugal, 18 de abril.

Outras

-Barreiros, J.P. (2018) "Conversa com educadores de infância, professores do ensino básico e alunos sobre os animais dos mares dos Açores". Escola Básica e Jardim de Infância do Porto Judeu, Angra do Heroísmo, Terceira, Açores. 19 de abril.

-Barreiros, J.P. (2018) "Os animais marinhos dos Açores". Acção de divulgação na Escola Básica e Jardim de Infância do Porto Judeu, 2 de Maio;

-Gabriel, R., Mendonça, E., Wallon, S., Ferreira, M.T. & Amorim, I.R. (2018, September, 14). Mapeamento de Plantas Invasoras na ilha Terceira: Mata do Estado (Terra Chã). Comemorações do Dia Internacional da Ecologia. GBA/cE3c & SPECO. Terceira, Portugal.
Mendonça, E., Borges, A. & Gabriel, R. (2018, May 17).

-Mapeamento de Plantas Invasoras na ilha Terceira: Alagoa da Fajãzinha (Agualva). Comemorações do Dia Mundial da Biodiversidade. GBA/cE3c & Associação "Os Montanheiros". Terceira, Portugal.

-Amorim, I.R. interview to Rádio Club de Angra about the science communication event "Fala Ciência? Comunicar Ciência nos Açores" on November 2nd

-Barreiros, J.P. (2018) Entrevista ao Diário Insular nº 22556, p. 2-3. Sobre a participação e funcionamento do processo de avaliação de espécies no âmbito da lista vermelha da IUCN.

-Barreiros, J.P. (2018) Açores entraram em rutura dos recursos marinhos costeiros. Entrevista ao jornal Diário Insular. 20 julho de 2018.

-Barreiros, J.P. (2018) Entrevista no documentário Nosso Futuro-Os Oceanos. RTP Açores. Maio de 2018. Link: <http://www.rtp.pt/programa/tv/p35828>

-Barreiros, J.P. (2018) Governo gere o mar a pensar nos votos. Entrevista ao jornal Diário Insular. 21 julho de 2018.

-Barreiros, J.P. (2018) Notícia no Diário Insular nº 22554, p. 13. Investigador João Pedro Barreiros esteve envolvido no processo de avaliação promovido pela IUCN - Mero comum passa de ameaçado a vulnerável na "lista vermelha".

-Barreiros, J.P. (2018) Pacote Legislativo sobra a Pesca nos Açores. Programa Grande Entrevista da Antena 1 Açores. 21 Fevereiro de 2018.

-Barreiros, J.P. (2018) proibido pescar nas Quatro Ribeiras. Entrevista à RTP Açores. 10 agosto de 2018. https://www.rtp.pt/acoresh/local/proibido-pescar-nas-quatro-ribeiras-video_58700

-Barreto, M.C. MACBIOBLUE: projeto quer produzir cremes anti-envelhecimento a partir de algas marinhas. Reportagem/entrevista nos 90s de Ciência. 4 junho 2018. <http://www.90segundosdeciencia.pt/episodes/ep-399-carmo-barreto/>

-Borges, P.A.V. (2018) promover a biodiversidade dos Açores. Revista Perspetivas. 14

Novembro.

-Garcia, P.V. (2018) "Glifosatos nos Açores"- Reportagem/entrevista no Correio dos Açores. 18 novembro.

Outras atividades realizadas

Outras atividades Gestão dos Websites:

- ATLANTIS database (<http://www.atlantis.angra.uac.pt/>)
- Azorean Biodiversity Gallery (<http://galeria.azoresbioportal.angra.uac.pt/>)
- Azorean Biodiversity Group Page (<http://www.gba.uac.pt/>)
- Azorean Biodiversity Portal (<http://www.azoresbioportal.angra.uac.pt/>)
- Azorean Spiders: (<http://www.jorgenlissner.dk/azoreanspiders.aspx>)
- Azores Bioportal (<http://azoresbioportal.uac.pt/pt/>)
- E.D.E.N (Azores Habitats (<http://www.eden-azores.com/>))
- IBBC and IERS Groups with cE3c
(<http://ce3c.ciencias.ulisboa.pt/team/IBBC>)
(<http://ce3c.ciencias.ulisboa.pt/team/IERS>)
- IBIG (<http://www.ibigbiology.com/>)
- ISLAND LAB (<http://islandlab.uac.pt/>)
- MAIISG - IUCN SSC MID-ATLANTIC ISLAND INVERTEBRATES SPECIALIST GROUP
(<http://www.maiisg.com/>)
- MONICET (<http://www.moniket.net/en>)
- Termites of the Azores (<http://sostermitas.angra.uac.pt>)