



azorean biodiversity  group
<http://www.gba.uac.pt/>

CENTER FOR ECOLOGY, EVOLUTION AND ENVIRONMENTAL CHANGES

AZOREAN BIODIVERSITY GROUP

GRUPO DA BIODIVERSIDADE DOS AÇORES (ABG/CE3C)

2018 ANNUAL REPORT

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Research Area: Biological Sciences

Home Institution: Universidade dos Açores



Angra do Heroísmo & Ponta Delgada, February 2019

I-EXECUTIVE SUMMARY

In 2015 the Azorean Biodiversity Group was recognized by the University of the Azores as a regional Research Centre. At a national level, Azorean Biodiversity Group is a regional sub-group of the CENTRE FOR ECOLOGY, EVOLUTION AND ENVIRONMENTAL CHANGES (cE3c), based in Lisbon and awarded with the Classification of EXCELLENT by FCT in December of 2014. cE3c's main objective is to perform research that addresses societal challenges in ecology, evolution and the environment, the three Es in the centre's name, for the 2015-2020 period covering the EU 2020 Horizon. The Azorean Biodiversity Group is subdivided in two main groups with specific objectives, the "Island Biodiversity, Biogeography & Conservation - IBBC" and the "Island Environmental Risks & Society - IERS".

In 2018, the main achievements of the 29 integrated members with Ph.D. of ABG-cE3c included 243 publications, 51 of which in International Indexed Journals with Impact Factor. The mean Impact Factor in 2018 in SCI Journals was 2.61 (max = 7.27; Land Degradation & Development); 26 publications are included in the first quartile (53% of the SCI publications). Our 26 external collaborators published an additional 14 SCI publications with our affiliation.

Forty-three projects run in 2018, 20 received international funding, five were funded by National funds from FCT, nine by regional funds from DRCT and nine were funded by other Agencies. These 43 projects (some of them finishing in 2018) brought about 489,908.49 Euros to the research group members in 2018. In addition, in 2018 we secured a total of 337,627.76 Euros with Ph.D. Post Doc and other types of grants.

II-SUMÁRIO EXECUTIVO

Em 2015, o Grupo da Biodiversidade dos Açores - Centro de Ecologia, Evolução e Alterações Ambientais - (Azorean Biodiversity Group - Centre for Ecology, Evolution and Environmental Changes) (GBA-cE3c) foi reconhecido pela Universidade dos Açores como Unidade de Investigação e Desenvolvimento (UI&D). A nível nacional, 2015 marca ainda o início oficial do Grupo da Biodiversidade dos Açores como um sub-grupo regional do Centro de Ecologia, Evolução e Alterações Ambientais (cE3c), com sede em Lisboa e premiado com a classificação de EXCELENTE pela FCT, em dezembro de 2014.

O GBA-cE3c tem por missão produzir, integrar e comunicar conhecimento científico sobre a biodiversidade em sistemas insulares, determinando efeitos das alterações globais, da fragmentação dos habitats e das espécies exóticas nos ecossistemas. Dar resposta aos desafios sociais implica avaliar esses impactos ao nível do ambiente, agricultura e saúde e conceber estratégias de os minimizar focadas na desconstrução de crenças e resistências das populações e na promoção de práticas pró-ambientais. O Grupo da Biodiversidade dos Açores está subdividido em dois grupos principais com objectivos específicos, o "Island Biodiversity, Biogeography & Conservation - IBBC" e o "Island Environmental Risks & Society - IERS".

Durante o ano de 2018 gostaríamos de realçar a publicação de 243 trabalhos científicos, 51 dos quais em revistas internacionais indexadas com Fator de Impacto. O Fator de Impacto médio em 2018 em SCI Journals foi de 2.61 (max = 7.27; Land Degradation & Development), 26 as publicações no primeiro quartil (53% das publicações SCI). Os nossos 26 colaboradores externos publicaram ainda um total de 14 artigos em revistas com IF com a nossa afiliação.

Quarenta e três projectos decorreram em 2018, 20 receberam financiamento internacional, cinco foram financiados por fundos nacionais da FCT, nove pelos fundos regionais da DRCT e nove financiados por outras agências. Estes 43 projectos (alguns deles terminados em 2018) renderam em 2018 cerca de 489,908.49 Euros aos membros do grupo de investigação. Além disso, em 2018 garantimos um total de 337,627.76 Euros com bolsas de doutoramento, pós-doutoramento e outros tipos de bolsas.

III-ABBREVIATIONS

ABG - Azorean Biodiversity Group /Grupo da Biodiversidade dos Açores

cE3c - Centre for Ecology, Evolution and Environmental Change /Centro de Ecologia, Evolução e Alterações Ambientais

FCAA-DCA -Faculdade de Ciências Agrárias e do Ambiente-Dep. de Ciências Agrárias

FCAA-DCEA - Faculdade de Ciências Agrárias e do Ambiente-Dep. de Ciências e Engenharia do Ambiente

FCSH-DP - Faculdade de Ciências Sociais e Humanas – Dep. de Psicologia

FCT - Portuguese Science Foundation / Fundação da Ciência e Tecnologia

FCT-DB - Faculdade de Ciências e Tecnologia-Dep. de Biologia

FCT-DCFQE - Faculdade de Ciências e Tecnologia-Dep. de Ciências da Física, Química e Engenharia

FRCT - Azorean Fund for Science and Technology / Fundo Regional da Ciência e Tecnologia

IF - Impact Factor / Factor de Impacto

LNEC - National Laboratory of Civil Engineering / Laboratório Nacional de Engenharia Civil

SCI - Science Citation Index

UAç - University of the Azores/ Universidade dos Açores

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1- RESEARCH GROUP DESCRIPTION AND ACHIEVEMENTS FOR 2018

1.1-Introduction

Researchers that compose the Azorean Biodiversity Group (ABG-cE3c) have complementary expertise that allow to address research questions framed in the study of biodiversity patterns (taxonomic, functional and phylogenetic diversity), and its changes under the impact of climatic changes, land use alterations, and species invasions, which is key for guidelines of management and conservation. Emphasis is also given on the implementation of communication strategies and instruments to be used in participated risk appraisal, characterization and evaluation processes intended to facilitate the governance of the risk of environmental hazards, climate change and to increase social efficacy in the regions' conservation of nature.

The ABG-cE3c has had a steady growth in the number of funded projects, publications and personnel over these last eleven years (2008-2018), increasing from six integrated members in 2008 to the current 29. ABG-cE3c also included about 26 international and national collaborators as Associated Research Fellows that have been collaborating in several projects and publications.

The Group employed an integrated approach that combined multi-spatial and temporal scales (scale has a profound effect on detecting ecological and evolutionary patterns) with multi-metric measures of biodiversity (taxonomic, functional, phylogenetic) and their inter-relationships. It holds unique standardized databases for arthropods (BALA, ISLANDBIODIV and EDEN), bryophytes (MOVECLIM altitudinal gradients database), and vascular plants (ISLANDBIODIV).

Spreading its acquired knowledge both within the scientific community and to the general public has been important for the ABG-cE3c group in these last ten years. ABG-cE3c's interdisciplinary approach integrating science and education allowed the creation of eight web-based resources.

The research produced by the ABG-cE3c was crucial for wildlife conservation in Azorean natural terrestrial and marine habitats and the management of invasive species, some of which are useful for economic development. The Azorean government relied on ABG-cE3c for accurate information for the establishment of protected areas (Island Natural Parks).

In 2015 the Azorean Biodiversity Group was recognized by the University of the Azores as a Regional Research Centre. Since 2015 the Azorean Biodiversity Group belongs to another FCT

centre, the **CENTRE FOR ECOLOGY, EVOLUTION AND ENVIRONMENTAL CHANGES** (cE3c), based in Lisbon. cE3c's main objective is to perform research that addresses societal challenges in ecology, evolution and the environment—the three Es in the centre's name, for the 2015-2020 period. The current 29 integrated members with Ph.D., plus Ph.D. students and collaborators are now part of a larger research centre, with 122 integrated members in which research questions will be addressed at both the mainland and insular scales. In December 2014 FCT awarded the Classification of EXCELLENT to the Centre for Ecology, Evolution and Environmental Changes (cE3C), an evaluation that included 19 researchers from the Azorean Biodiversity Group, which was a great achievement for all of us.

The current report lists all main activity of the Azorean Biodiversity Group for the year of 2018.

1.2-Members in 2018

The ABG has had a steady growth in the number of funded projects, publications and personnel over these last seven years, increasing from six integrated members with Ph.D. in 2008 to the current 29.

In 2018 the group was composed by 29 senior researchers with Ph.D. thirteen of whom have academic positions at the University of the Azores, sixteen hold post-doctoral grants (three funded by Azorean Government FRCT, twelve funded by FCT). The group included in 2018 a total of 22 Ph.D. students, 4 of which with either FRCT (14) or FCT (4) grants; and six research grant holders. In addition, 26 Associated Research Fellows (External Collaborators) from several countries collaborate on different projects, creating a network of Island research investigators.

1.2.1-Integrated members with Ph.D.

1.2.1-Director

Paulo A.V. Borges (Univ. Azores, FCAA-DCEA) - IBBC

1.2.2-Vice-Director

Patrícia Ventura Garcia (Univ. Azores, FCT-DB) - IERS

1.2.3-Other Scientists with contract

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)

1.2.4-Post-Docs

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

1.2.2-Other members

1.2.2.1-Ph.D. Students

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

1.2.2.2-Grant Students:

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

Enésima Mendonça (Univ. Azores, DCA) – IBBC, 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

1.2.2.3-Technicians:

Fernando Pereira (Univ. Azores, DCA) IBBC

1.2.3-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)

Dinarte Nuno Freitas Teixeira (Instituto das Florestas e Conservação da Natureza, IP-RAM)

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

José A. P. Marcelino (Past Post-Doc)

José Carlos Carvalho, collaborator in Macroecology (Independent researcher)

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)

Further details may also be seen in the following web-pages:

- Azorean Biodiversity Group ABG:

<http://www.gba.uac.pt/>

- Island Biodiversity, Biogeography & Conservation – IBBC:

<http://ce3c.ciencias.ulisboa.pt/team/IBBC>

and

- Island Environmental Risks & Society – IERS:

1.3-PhD & MSc THESES

Table 1 Number of GBA PhD students that finished their thesis in 2018.

Title	Name	Scientific Area	Supervisors	Grading Institution	Number of Pages
Biodiversity conservation in islands protected areas: the case of plant-insect pollinating networks	Ana Picanço	Gestão Interdisciplinar da Paisagem	Borges, P.A.V. & Rigal. F.	University of the Azores	201
Culture studies of economically important seaweeds	Ana Rita Patarra	Biologia, Ficologia	Neto, A.I., Buschmann, A.H. & Abreu, H.	University of the Azores	156
Effects of tourism operations on the behavioural patterns of dolphin populations off the Azores, with particular emphasis on the common dolphin (<i>Delphinus delphis</i>)	Arianna Cecchetti	Biologia	Azevedo, J.M.N., Gordon, j. & Stockin, K.	University of the Azores	122
Intensive production of microalgae with high economic, social and energetic value: potential in the autonomous region of the Azores	Emanuel Dias Xavier	Biologia, Ficologia	Neto, A.I., Azevedo, J.M.N. & Reis, A.	University of the Azores	103
Bryophyte diversity across altitudinal gradients in the Azores: Looking for signs of climate change in the functional hyperspace	Débora Sofia Gouveia Henriques	Gestão Interdisciplinar da Paisagem	Gabriel, R. & Borges, P.A.V.	University of the Azores	188
Modeling tools to predict potential distribution of forest species: using Pico Island and the Azores as a study case	Lara Sofia Pereira Dutra da Silva	Biologia	Elias, R. & Silva, L. CIBIO-InBIO (Universidade dos Açores)	University of the Azores	259
Contribution of tree age determination and biomass estimation models for management of exotic woodland in the Azores.	Lurdes da Conceição Borges Silva	Biologia	Elias, R. & Silva, L. CIBIO-InBIO (Universidade dos Açores)	University of the Azores	157
Modelling the ecological niche of cetaceans: new perspectives and applications	Marc Fernandez	Biologia	Azevedo, J.M.N, Chris Yesson, Alexandre Gannier	University of the Azores	204

Title	Name	Scientific Area	Supervisors	Grading Institution	Number of Pages
Bryophytes from native vegetation areas face to climate changes: Ecophysiological diversity and resilience	Márcia C.M. Coelho	Biologia	Gabriel, R. & Ah-Peng, C.	University of the Azores	261
Whole Azorean arthropod diversity: understanding the trophic relations and functional diversity at a plot scale	Rui Miguel Ricardo Nunes	Gestão Interdisciplinar da Paisagem	Borges, P.A.V., Cardoso, P. & Soares, A.O.	University of the Azores	154
Symbiotic flagellate protists as a target for subterranean termite control strategies	Sónia Duarte	Ciências Agrárias (Proteção de plantas)	Nunes, L. & Borges, P.A.V.	University of the Azores	227

Table 2 Number of GBA MSc students that finished their thesis in 2018.

Title	Name	Scientific Area	Supervisors	Grading Institution	Number of Pages
Using drones to monitor seaweeds: the invasive <i>Asparagopsis armata</i> in the Azores	Alexandros Kellaris	Ecology, evolution and conservation	Yesson, C. (ZSL, UK), Gil, A. (cE3c-UAc), Windram, O. (ICL, UK)	IMPERIAL COLLEGE OF LONDON (UK)	36
Biotransformation of chalcones: A method to obtain new bioactive derivatives.	Gonçalo Pereira Rosa	Ciências Biomédicas	Seca, A.M.L. & Barreto, M.C.	University of the Azores	146
Avaliação dos efeitos respiratórios e genotóxicos / citotóxicos da exposição a produtos resultantes das atividades de tipografia	Joana Gonçalves Rocha	Ciências Biomédicas	Rodrigues, A. & Garcia, P.V.	University of the Azores	36
Impacto de uma intervenção educativa sobre resíduos sólidos urbanos no município do Namibe: Contributos para a elaboração de um modelo de educação ambiental	Job Moniz da Silva Culo	Gestão e Conservação da Natureza	Gabriel, R. e Arroz, A. M.M.	University of the Azores	148

Title	Name	Scientific Area	Supervisors	Grading Institution	Number of Pages
Evaluation of <i>Scymnus nubilus</i> Mulsant (Coleoptera: Coccinellidae) as biological control agent against <i>Aphis spiraeicola</i> Patch and <i>Cinara juniperi</i> (De Geer) (Hemiptera: Aphididae)	Roberto Meseguer Rosagro	Biodiversity	Soares, A.O. & Borges, I.	University of the Azores	41
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"	Sara Inês Semião Lourenço	Ecologia e Gestão Ambiental	Costa, J.L. (FCUL) & Gil, A. (CE3c-UAc)	Departamento de Biologia Animal, FCUL	98
Ictiodiversidade do ecossistema intertidal rochoso em poças de maré e piscinas naturais da ilha Terceira	Sofia Catarina Faria	Gestão e Conservação da Natureza	Barreiros, J.B.	University of the Azores	106
O conhecimento tradicional etnobotânico na Serra do Buçaco: Levantamento, continuidade e preservação	Soraia Patrícia Lousada Branco	Gestão e Conservação da Natureza	Gabriel, R. e Arroz, A. M.M.	University of the Azores	218
To what extent acute exposure to volcanic gases affects cells of the respiratory epithelium, peripheral oxygen saturation and lung function?	Wilson Rodrigues Tavares	Ciências Biomédicas	Seca, A.M.L., Rodrigues, A.S., Barreto, M.C. & Garcia, P.V.	University of the Azores	60

2-PUBLICATIONS in 2018

By integrated members (Total = 243)

INTERNATIONAL PEER REVIEWED PAPERS (SCI Journals) = 51

BOOK CHAPTERS = 3

OTHER PEER REVIEWED PAPERS = 17

PAPERS ON PROCEEDINGS OF SYMPOSIA = 6

EDUCATION & OUTREACH PUBLICATIONS = 12

OTHER TYPE OF PUBLICATIONS = 148

TECHNICAL REPORTS = 6

By Associate Research Fellows (Total = 14)

INTERNATIONAL PEER REVIEWED PAPERS (SCI Journals) = 12

BOOK CHAPTERS = 1

OTHER PEER REVIEWED PAPERS = 1

The main achievement performed by integrated members in 2018 was the **publication of 243 works, 51 of which were published in International Indexed Journals with Impact Factor**. In 2018, the mean Impact Factor of these publications was 2.61 (max = 7.27; Land Degradation & Development) with **26 of the publications included in the first quartile (53% of the SCI publications)**. Among the other publications, it is noteworthy to mention three book chapters, twelve outreach publications, 17 papers in peer-reviewed journals with no impact factor, six papers in Proceedings of Symposia and 148 other type of publications (mostly IUCN assessments) (**Figure 1**)

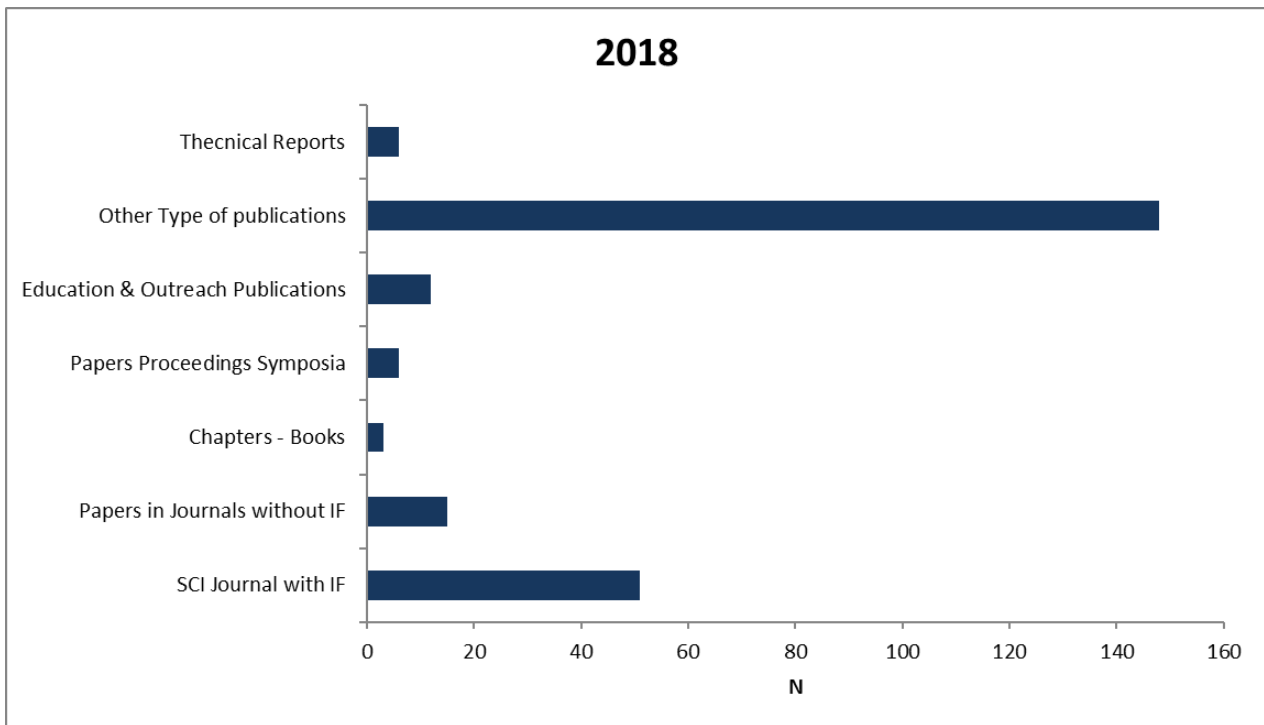


Figure 1 Number of publications on the year of 2018 in the several possible categories.

This makes an average of 9.30 publications and 1,96 SCI papers, per integrated member with a Ph.D. in 2018.

On top of those 243 publications we can add 14 more with the affiliation of the ABG (cE3c) published only by our Associate Research Fellows External Collaborators (namely 12 SCI papers). We must highlight the contribution from our collaborators Lina Nunes, Thomas Matthews, Simone Fattorini, Pedro Cardoso, François Rigal, Jairo Patiño, José Carlos Carvalho, Ana M.C. Santos, Alain Vanderpoorten, Margarita Florencio, José Marcelino, Sérgio Ribeiro, Pedro Rodriques and Kostas A. Triantis that published with cE3c affiliation. They are promoting the internationalization of the ABG (cE3c, University of the Azores) and increasing the visibility of the group. The detailed output of publications in 2018 for each member is given in **Table 3**. **So, 22 researchers had five or more indicators and a total of 31 researchers participated in at least two publications of the SCI (Table 3).**

Table 3 Number of publications for each researcher in 2018 for the different type of publication categories. PI – UA = Researcher with a contract with University of the Azores; Post_Doc = Post Doctoral researcher with integrated status; Ph.D. Student = student that is performing is Ph.D.; Ass. Res. = External collaborator (usually a past Post-Doc or Ph.D. student). Grant Student = Student with a investigation or management scholarship. The authors are ranked based on the number of SCI papers and in a second rank based on total number of indicators.

Authors	Authors Status	ISI Journal	Chapters - Books	Non SCI Papers	Outreach Publ	Proc Symp	Reports	Other	Total
Borges, P.A.V.	PI - UA	10	1	4	2	1	6	141	165
Neto, A.I.	PI - UA	10							10
Gil, A.	Post_Doc	6	1			1		2	10
Azevedo, J.M.N.	PI - UA	6							6
Seca, A.M.L.	PI - UA	5		2	1				9
Nunes, L.	Ass. Res.	5	1						6
Barreiros, J.P.	PI - UA	4		1	6			7	18
Garcia, P.V.	PI - UA	4		3	1	1			9
Matthews, T.J.	Ass. Res.	4		2					6
Girardello, M.	Post_Doc	4		1					5
Fattorini, S.	Ass. Res.	4							4
Boeiro, M.	Post_Doc	3	1	1				61	66
Cardoso, P.	Ass. Res.	3		1		1		55	60
Lamelas-López, L.	Ph.D. Student	3						29	32
Vieira, V.	PI - UA	3	1	1		2		23	30
Amorim, I.R.	Post_Doc	3		1	1			15	20
Elías, R.B.	PI - UA	3		1	1				5
Gabriel, R.	PI - UA	3		1		1			5

Authors	Authors Status	ISI Journal	Chapters - Books	Non SCI Papers	Outreach Publi	Proc Symp	Reports	Other	Total
Rigal, F.	Ass. Res.	3		2					5
Duarte, S.	Ph.D. Student	3							3
Martins, G.M.	Post_Doc	3							3
Patiño, J.	Ass. Res.	3							3
Nunes, R.	Ph.D. Student	2		1				9	12
Rego, C.	Post_Doc	2	1	1				6	10
Soares, A.O.	PI - UA	2	2	2		1			7
Barreto, M.C.	PI - UA	2		2	2				6
Parelho, C.	Ph.D. Student	2			1	1			4
Fernández-Urrutia, M.	Ph.D. Student	2	1						3
Carvalho, J.C.	Ass. Res.	2							2
Santos, A.M.C.	Ass. Res.	2							2
Vanderpoorten, A.	Ass. Res.	2							2
Pereira, F.	Technician	1		1	1				3
Florencio, M.	Ass. Res.	1		1					2
Arroz, A.M.	PI - UA	1							1
Barcelos, L.	Ass. Res.	1							1
Bernardo, F.	Ph.D. Student	1							1
Cacabelos, E.	Post_Doc	1							1
Cecchetti, A.	Ph.D. Student	1							1

Authors	Authors Status	ISI Journal	Chapters - Books	Non SCI Papers	Outreach Publ	Proc Symp	Reports	Other	Total
Costa, T.M.M.	Post_Doc	1							1
Faria, J.	Ph.D. Student	1							1
Marcelino, J.A.P.	Ass. Res.	1							1
Melo, C.	Post_Doc	1							1
Mendonça, E.	Grant Student	1							1
Norder, S.J.	Ph.D. Student	1							1
Ribeiro, S.P.	Ass. Res.	1							1
Rodrigues, P.	Ass. Res.	1							1
Triantis, K.A.	Ass. Res.	1							1
Xavier, E.D.	Ph.D. Student	1							1
Guerreiro, O.	Ph.D. Student						3		3
Ferreira, M.T.	Post_Doc			1	1				2
Lopes, D.H.	PI - UA			2					2
Picanço, A.	Ph.D. Student							2	2
Pimentel, R.	Post_Doc			2					2
Ameixa, O.M.C.C.	Post_Doc		1						1
Borges, I.	Post_Doc			1					1
Carvalho, R.	Ph.D. Student			1					1
Ros Prieto, A.	Grant Student			1					1

There was a steady increase in the number of publications in the last nine years in Journals with Impact Factor of the SCI (**Figure 2**), with a maximum value in 2017 (56 papers). The years of 2016-2018 were particularly productive.

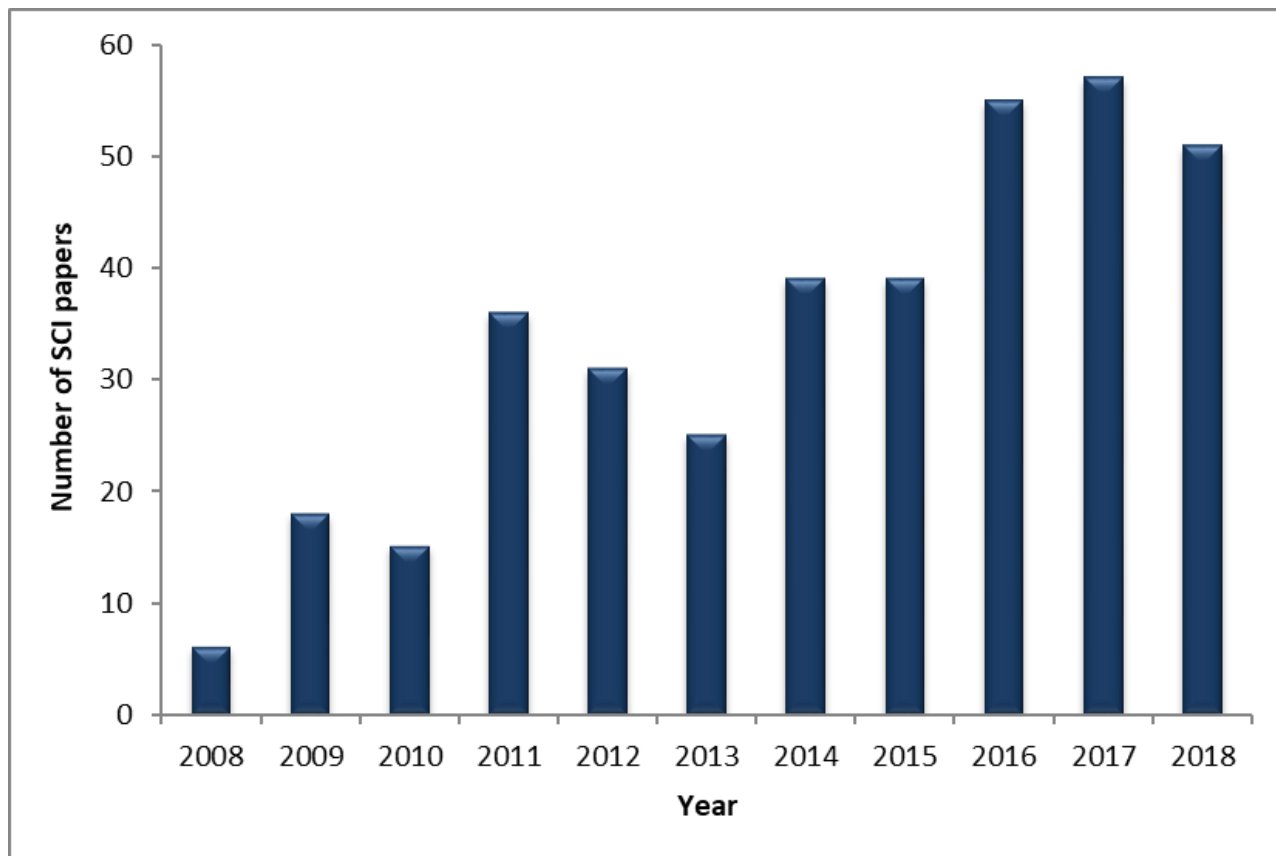


Figure 2 Number of papers in Journals of the SCI in the period 2008-2018 by integrated members.

Particularly relevant is the fact that the summed values of Journals Impact Factor are increasing very fast (**Figure 3**), a demonstration that our researchers were successful in having their papers accepted in more prestigious Journals. In fact, the mean IF increased from 1.94 in 2014 to 2.7 in 2015, 2.6 in 2016 and now 2.61 in 2018.

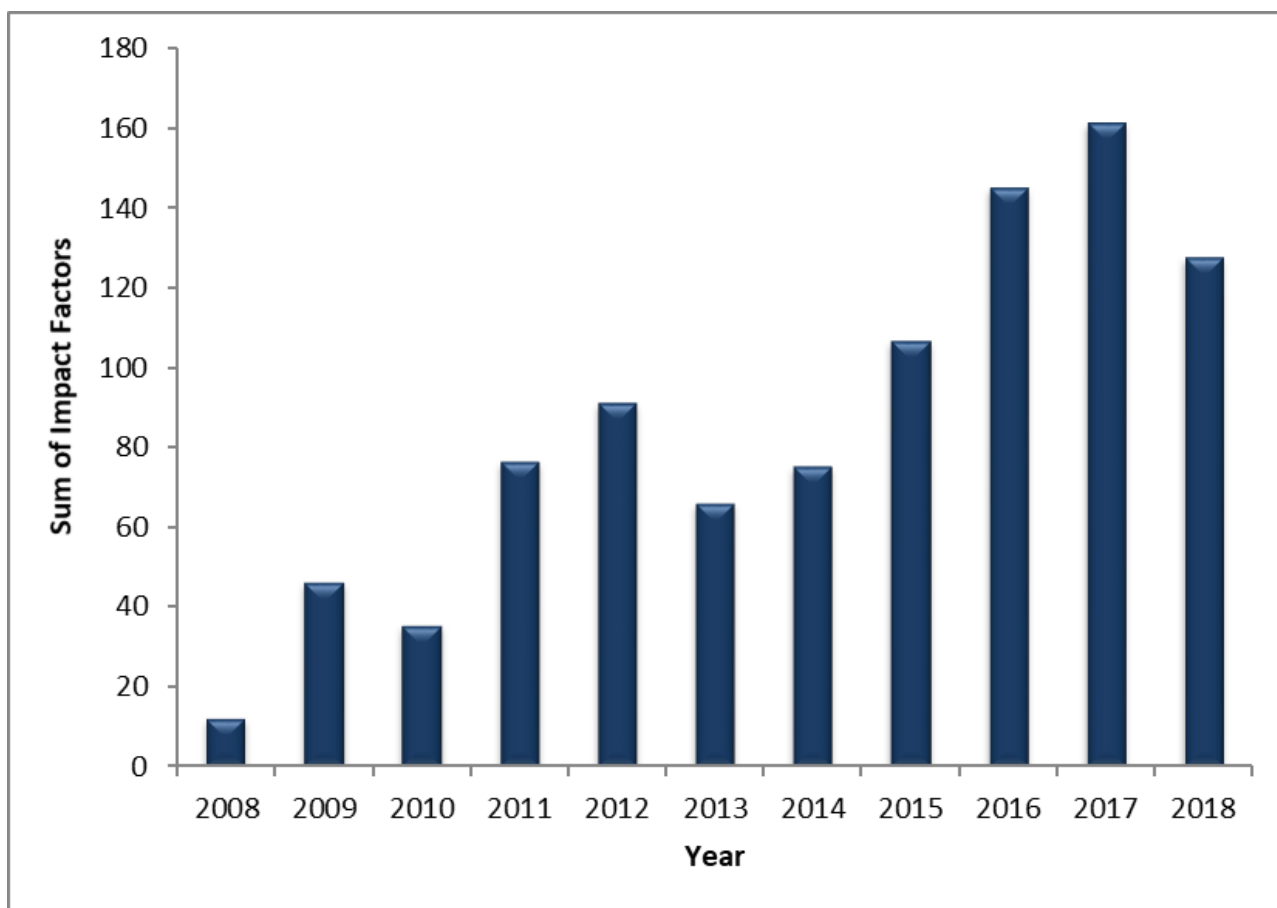


Figure 3 Summed Impact Factor in Journals of the SCI in the period 2008-2018 by integrated members.

Considering that we were evaluated by FCT in 2018 (the 2013-2018 period), we also increased very fast the number of indicators (**Table 4**), with a particular relevance in an increase in papers in IF journals and a constant high number of papers in national and international journals without IF (in particular in Arquipélago, Life and Marine Sciences). In the period 2013-2018 a total of 728 publications were generated, with 265 (36%) being articles in IF journals.

Table 4 Number of publications of different types in the period 2008-2018 by integrated members.

Type of Publications	2013	2014	2015	2016	2017	2018	TOTAL
SCI Journal with IF	25	39	39	55	56	51	265
Book Author	1	1	3	0	2	0	7
Book Editor	1	2	1	4	0	0	8
Chapters - Books	3	3	4	14	9	3	36
Papers in Journals without IF	5	13	16	16	19	17	87
Education & Outreach Publications	5	15	2	12	7	12	53
Papers Proceedings Symposia	3	15	6	6	4	6	40

Type of Publications	2013	2014	2015	2016	2017	2018	TOTAL
Other Type of publications	1	9	5	5	60	154	234
TOTAL	44	97	76	112	157	243	729

3-PROJECTS

A total of forty-three projects run or were accepted in 2018, 20 received international funding, five were funded by National funds from FCT, nine by regional funds from DRCT and nine were funded by other Agencies. In the period between 2013 and 2018 most of funds were obtained from regional (DRCR) and nacional (FCT) sources with a stable income of funds (**Figure 4**).

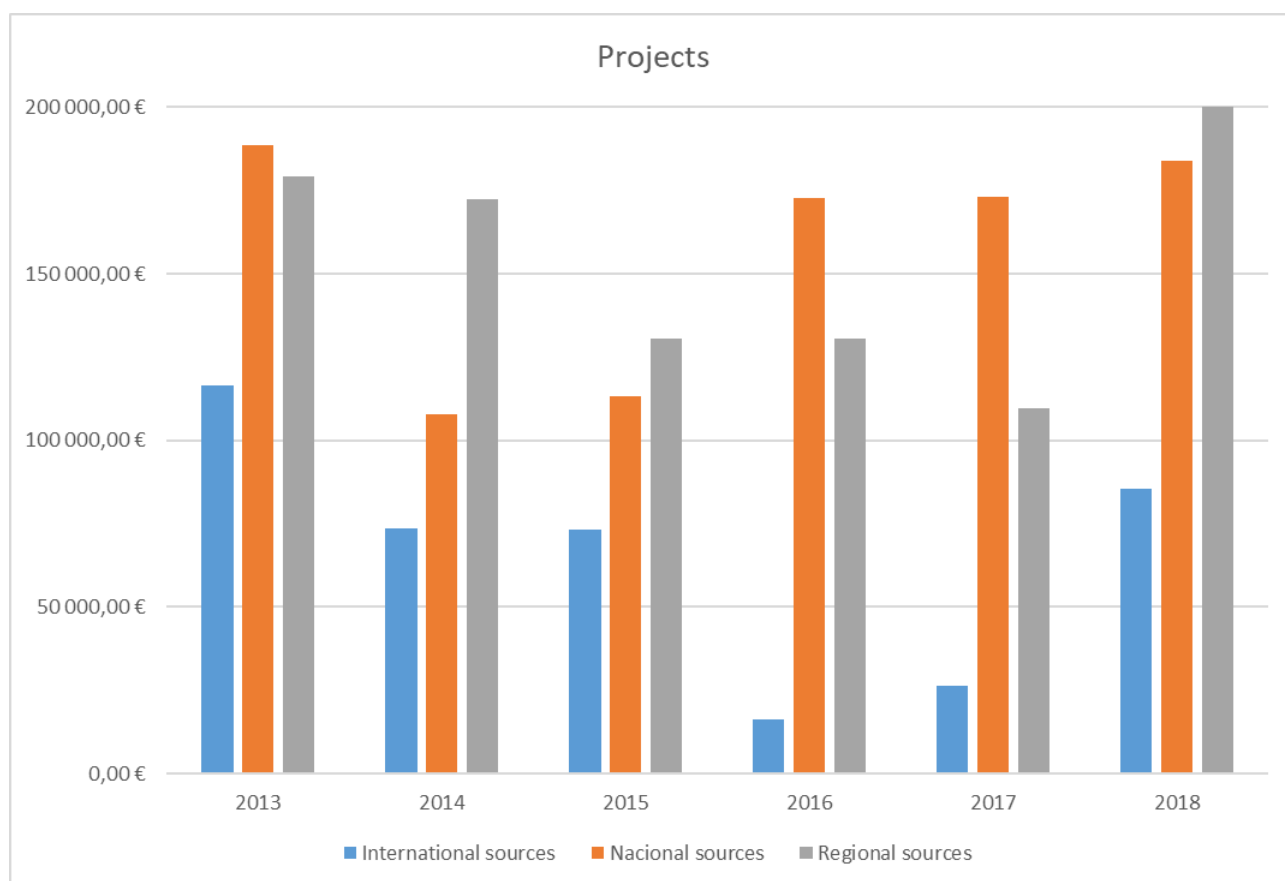


Figure 4 Funds executed in projects the period 2013-2018 by integrated members.

In the period between 2013 and 2018 a large quantity of funds were obtained for Ph.D. and Post-Doc grants mostly regional sources (**Figure 5**).

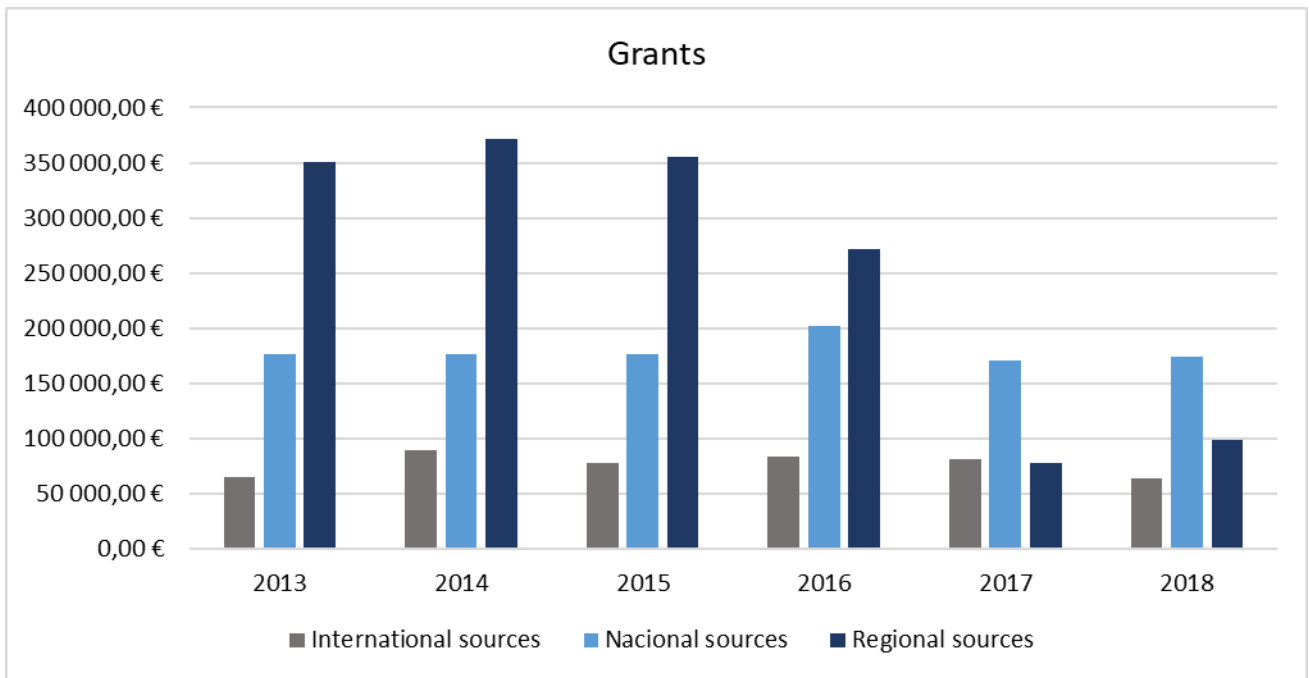


Figure 5 Funds obtained in grants (mostly for Ph.D and Post-Doc) in the period 2013-2018.

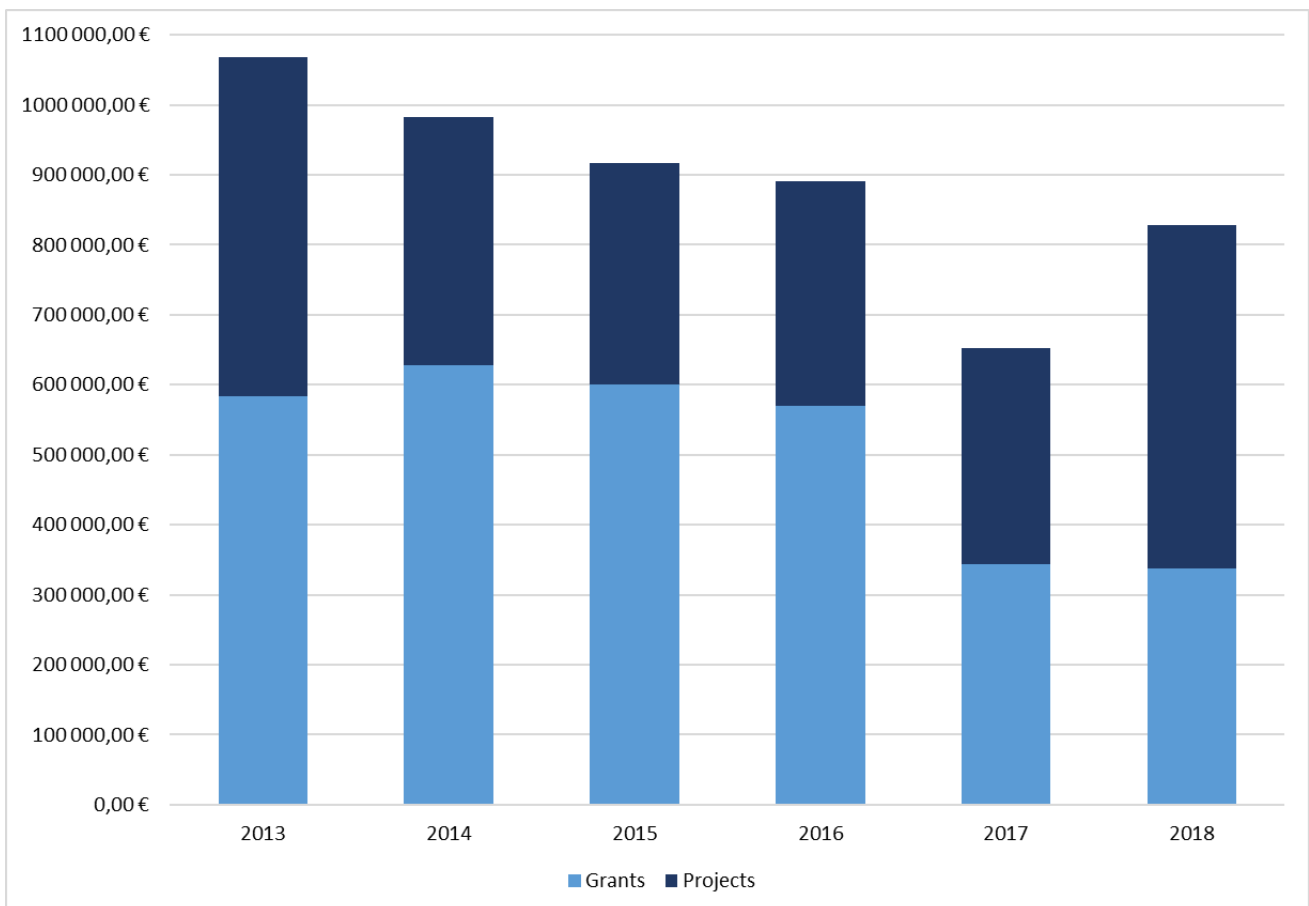


Figure 6 Funds executed in projects and grants in the period 2013-2018 by integrated members.

Considering the global funds obtained in projects and grants (**Figure 6**) there is a tendency for a decreasing in the last six years. However, we already have secured six new Regional Projects in 2019 with about 1.2000,00 Euros for the period 2019-2021.

3.1-Mobility projects and networks

- Gabriel, R. 2017-1-ES01-KA202-038725: Estrategia para el control de especies exóticas invasoras / A strategy for the control of invasive alien species.

3.2-Research contracts

We must highlight several research contracts with national and international entities:

- PEERS – Platform for Enhancing Ecological Research & Sustainability, a consortium between the Center of Environmental Biology (University of Lisbon, Portugal), the Azorean Biodiversity Group (University of the Azores, Portugal) and the Center of Functional Ecology (University of Coimbra, Portugal).
- 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);
- 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.

4-OUTREACH ACTIVITY

Besides the presentation of our research in multiple forums, the ABG/cE3c, aims to share information with the public, keeping web-based resources, engaging in different initiatives and advertising them in the media.

4.1-Web-based resources in the Period 2008-2018

- 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>)

4.2-Public awareness activities

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.

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.

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;

Barreiros, J.P. (2018) Ministrou o módulo de 2h “Animais Marinhos Perigosos dos Açores” integrado em Acção de Formação promovida pela Coordenação de Nadadores Salvadores da Praia da Vitória e Associação Humanitária Bombeiros Voluntários da Praia da Vitória. Salão Nobre dos Bombeiros da Praia da Vitória, 18 de Junho;

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) As Alterações Climáticas e o Património Cultural. Seminário organizado pela Direcção Regional da Cultura, Centro Cultural e de Congressos de Angra do Heroísmo, Portugal. Participação, como Moderador, do Painel do Seminário. 9 de Outubro 2018.

Barreiros, J.P. (2018) Concurso nacional de bolsas de Doutoramento da FCT/2018, Ciências Biológicas. Membro do painel de avaliadores. Junho a Outubro de 2018.

Barreiros, J.P. (2018) Formação intensiva (4h) a convite da Coordenação de Nadadores Salvadores da Praia da Vitória. 12 de Julho 2018.

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;

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?”.

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 (Aqualva). Comemorações do Dia Mundial da Biodiversidade. GBA/cE3c & Associação "Os Montanheiros". Terceira, Portugal.

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.

4.3-Radio/Journal news/Interviews

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 sobre 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/acoes/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.

5-SCIENTIFIC MEETINGS ORGANIZATION

Our group also participated, in 2018, on the organization of two international conference, two Workshops, one internacional Training course, one forum and a round of talks.

Table 5 Scientific meetings organization by ABG members in 2018.

Type (Conf., Workshop, etc)	Local (City, Country)	Date(s)	Name of the Organizers	Partners Researchers /Institutions	Number of Participants
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
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
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
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,	Universidade da Madeira, CIBIO-INBIO, Natural History Museum of London	

Type (Conf., Workshop, etc)	Local (City, Country)	Date(s)	Name of the Organizers	Partners Researchers /Institutions	Number of Participants
			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)		
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
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	
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

6-APPENDIX SECTION

6.1-DETAILED INFORMATION FOR 2018 PROJECTS

6.1.1-INTERNATIONAL PROJECTS

(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 Arroz, 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. Arroz (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) ESMERALDA - 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, *Sphyraena 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: investigacion de los beneficios y riesgos por la ingesta de productos vegetales para la salud de los consumidores y desarrollo de estrategias de minimizacion 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 Supervisao dos Productos Farmaceuticos 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 Canárias (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 Luis 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.

6.1.2-Funded by FCT (Portuguese Science Foundation)

(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 Arroz (Universidade dos Açores- GBA – cE3c).

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

6.1.3-Funded by DRCT (Azorean Science Foundation)

(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 Arroz (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 - Projecções 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.

6.1.4-Other Funding Institutions

(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- Direção 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 Erradication 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.

6.2-DETAILED INFORMATION FOR PUBLICATIONS

6.2.1-INTERNATIONAL PEER REVIEWED PAPERS (IN JOURNALS WITH IMPACT FACTOR)

6.2.1.1-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**)

Boieiro, 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**)

Boieiro, 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., Boieiro, 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., Drobniak, 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)

Erismán, 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., Kazachkovaa, 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)**

Rebelo, 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)**

6.2.1.2-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)**

Bajrakatri, 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**)

6.2.2-BOOK CHAPTERS

6.2.2.1-By at least one integrated member (n=3)

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**)

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**)

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**)

6.2.2.2-By Associate Research Fellows only (n=1)

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**)

6.2.3-NATIONAL AND INTERNATIONAL PEER REVIEWED PAPERS (NO IMPACT FACTOR)

6.2.3.1-By at least one integrated member (n=17)

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

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 ESERALDA approach of integration. *One Ecosystem*, **3**: e29153. <https://doi.org/10.3897/oneeco.3.e29153> **(P1231)**

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)**

Jiménez-Alfaro, B., **Girardello, M.**, Chytrý, M., Svenning, J.-C., Willner, W., Gégout, J.-C., Agrillo, E., Campos, J.A., Jandt, U., Kački, 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)**

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)**

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)**

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. *Arquipélago. Life and Marine Sciences*, **35**, 47-65. **(P1114)**

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)**

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)**

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., **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)**

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)**

6.2.3.2-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)**

6.2.4-PAPERS ON PROCEEDINGS OF SYMPOSIA

6.2.4.1-By at least one integrated member (n=6)

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., González, 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)**

6.2.5-EDUCATION AND OUTREACH PUBLICATIONS

6.2.5.1-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)**

6.2.6-THECNICAL REPORTS

6.2.6.1-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)**

6.2.7-OTHER TYPE OF PUBLICATIONS

6.2.7.1-By at least one integrated member (n=148)

Adem Esmail, B., Geneletti, D., Nedkov, S., Mulder, S., Arany, I., Cortinovia, 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) ESMEALDA Project: Guidelines and recommendations to support the application of the final methods. Deliverable D5.4, EU Horizon 2020 ESMEALDA 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>
P(1252)

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)**

Boieiro, 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)**

Boieiro, 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 montanheirorum*. *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). *Caulotrupidis 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). *Metopthalmus 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](http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97170117A99166694.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)

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 tornvalli*. 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 chavesi*. 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 – MAISG 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. ESMERALDA 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 infuscata*. *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) *Diplocephalus 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 maui*. *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> **(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., Bertoncini, 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. **(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 semiampalis*. 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)**

6.3-SCIENTIFIC MEETINGS PARTICIPTION

In Table 6 it is possible to see some data on the 36 national and internacional scientific meetings attended by the members of the Azorean Biodiversity Group.

Table 6 Scientific meetings participation from some ABG during the year of 2018.

Name of the Meeting	Local (City, Country)	Date(s)	Type of presentation	Title of presentation	Authors of the presentation (underline cE3c members)
10th International Conference on Islands Tourism	Palermo, Sicilia, Italy	7-8 september	Oral communication	Characterization of senior tourists in the portuguese islands of the Azores: A pilot case study	Santos, C., Medeiros, T., Moniz, A., Tomás, L., Silva, O., Vieira, V., Furtado, S. & Ferreira, J.
12th National Organic Chemistry Meeting 5th National Medicinal Chemistry Meeting	Coimbra, Portugal	17-19 Janeiro	Poster presentation	Ethnomedicinal Value of Plants in a Small Community in São Miguel Island, Azores	Silva, P. T. M., Silva, M., Silva, L. & Seca, M. L.
12th National Organic Chemistry Meeting 5th National Medicinal Chemistry Meeting	Coimbra, Portugal	17-19 january	Poster presentation	Synthesis and structure/activity relationships of -hydroxylated chalcones.	Rosa, G.P., Barreto, M.C., Pinto, D.C.G.A. & Seca, A.M.L.
13th APCA International Conference on Control and Soft Computing (CONTROLO)	Ponta Delgada, Açores, Portugal	4-6 june	Oral communication	Theoretical approach for how species abundance distributions change across scales	Alirezazadeh, S., Borda-De-Água, L., Borges, P.A.V., Gabriel, R., Dionisio, F., Pereira, H. M., & Cardoso, P.
1 st International Congress of Biological Control	Biejjin, China	14-16 may	Oral communication	Evaluation of the potential use of <i>Scymnus nubilus</i> Mulsant (Coleoptera: Coccinellidae) in augmentative biological control agent programs	Meseguer, R., Borges, I., Vieira, V., Pons, G. & Soares, A.O.
1 st International Congress of Biological Control	Biejjin, China	14-16 may	Oral communication	Interspecific interactions: possible mechanisms explaining the successful invario of <i>Harmonia axyridis</i> (Pallas) in Chile and potential effect on the biological control services	Grez A. A., Zaviezo, T., González, C., Soares, A.O. & Poch, T.

Name of the Meeting	Local (City, Country)	Date(s)	Type of presentation	Title of presentation	Authors of the presentation (underline cE3c members)
1 st Seaweed for Health Conference	Galway, Ireland	24-27 june	Oral communication	Anti-aging activity of beach-cast macroalgae wracks from Macaronesia.	Rosa, G., Nunes, N., Ferraz, S., Carvalho, M.A., Seca, A.M.L. & Barreto, M.C.
1 st Seaweed for Health Conference	Galway, Ireland	24-27 june	Oral communication	Enzymatic hydrolysis of seaweed to produce bioactive carbohydrates and peptides	Barreto, M.C., Rosa, G., Toubarro, D., Simões, N. & Di Ghionno, L.
1 st Seaweed for Health Conference	Galway, Ireland	24-27 june	Oral communication	Valorization of beach-cast macroalgae biomass as anticholinesterasic agents.	Barreto, M.C., Rosa, G., Nunes, N., Ferraz, S., Carvalho, M.A. & Seca, A.M.L.
1 st Seaweed for Health Conference	Galway, Ireland	24-27 june	Poster presentation	<i>Asparagopsis armata</i> dichloromethane extract: biological activity and chemical composition.	Lesenfants, M.L., Rosa, G.P., Barreto, C. & Seca, A.M.L.
1 st Seaweed for Health Conference	Galway, Ireland	24-27 june	Poster presentation	Polar extracts of <i>Asparagopsis armata</i> : anti-aging activity and chemical composition by LC-MS.	Fonseca, A. R.; Ponte, J.; Barreto, C.; Pinto, D. C. G. A; Seca, A. M. L.
24th CSB – International Conference on Subterranean Biology	Aveiro, Portugal	20-24 august	Oral communication	Red list of azorean endemic cave adapted arthropods: an ecological and conservation overview	Borges, P.A.V., Lamelas-Lopez, L., Nunes, R., Amorim, I.R., Boieiro, M & Rego, C.
24th International Conference on Subterranean Biology.	Aveiro, Portugal	20-24 August	Oral communication	Conservation concern' bryophytes find refuge on cave entrances in the Azores	Gabriel, R., Sim-Sim, M. M., & González-Mancebo, J. M.
25th APDR Congress: Circular Economy, Urban Metabolism and Regional Development: Challenges for a Sustainable Future	Lisboa, Portugal	5-6 july	Oral communication	Motivações para os turistas seniores visitarem os Açores	Silva, O., Medeiros, T., Moniz, A. I., Tomás, L., Vieira, V., Furtado, S., Santos, C. & ferreira, J.

Name of the Meeting	Local (City, Country)	Date(s)	Type of presentation	Title of presentation	Authors of the presentation (underline cE3c members)
3rd World Conference on Qualitative Research	Lisboa, Portugal	17-19 october	Poster	Representations of the Azores: a methodological triangulation between an hierarchical evocation analysis and a phenomenographic analysis	Arroz, A. M.M., Gabriel, R., Mendonça, R., Faustino, L., & Rego, I.
3rd World Conference on Qualitative Research	Lisboa, Portugal	17-19 october	Poster	Understanding How People Conceptualise Gardens: a Step in the Placemaking Process towards a Sustainable Use of Gardens in the Azores	Arroz, A. M.M., Sanchez, A. F., & Gabriel, R.
4th Annual Meeting: Frontiers in E3	Lisboa, Portugal	9-10 july	Oral communication	Unveiling children and teenagers representations of bryophytes within the Azorean ecosystem	Gabriel, R., Benedictis, M., Fuentes Sánchez, A. & Arroz, A.M.M.
4th cE3c Annual meeting – Frontiers in E	Lisboa, Portugal	9-10 July	Oral communication	Evaluation of the potential use of <i>Scymnus nubilus</i> Mulsant (Coleoptera: Coccinellidae) in augmentative biological control agent programs	Meseguer, R., Borges, I., Vieira, V., Pons, G. & Soares, A.O.
4th cE3c Annual Meeting – Frontiers in E3	Lisboa, Portugal	9-10 julho	Oral communication	Pollination networks from native forest areas and their humandisturbed surroundings in terceira island (azores)	Ferreira M., Rego C., Santos R., Pereira F., Borges P.A.V. & Boieiro M.
4th cE3c Annual Meeting – Frontiers in E3	Lisboa, Portugal	9-10 julho	Oral communication	The biogeography of native and exotic species on islands	Borges, P.A.V.
4th cE3c Annual Meeting – Frontiers in E3	Lisboa, Portugal	9-10 julho	Poster presentation	Potential spatial distribution and habitat selection of an introduced carnivore, <i>Mustela nivalis</i> , in azores	Lamelas-López L., Pardavila X., Borges P.A.V., Santos-Reis M., Amorim I.R. & Santos, M.J.

Name of the Meeting	Local (City, Country)	Date(s)	Type of presentation	Title of presentation	Authors of the presentation (underline cE3c members)
4th cE3c Annual Meeting – Frontiers in E3	Lisboa, Portugal	9-10 July	Poster presentation	Using open top chambers to study the in situ effects of climate change across different trophic groups in azorean orchards	Ferreira M.T., Borges P.A.V. & Elias R.B
4th International Congress on Occupational & Environmental Toxicology (ICOETOX)	Matosinhos, Portugal	24-26 October	Oral communication	SUITABILITY OF USNEA RUBICUNDA AS BIOMONITOR OF VOLCANOGENIC AIR POLLUTION ON HYDROTHERMAL AREAS	Bernardo F, Rocha, T., Camarinho, R., Matos, P., Pinho, P., Branquinho, C., Viveiros, F., Rodrigues, A. & Garcia, P.V.
7th International Conference on Environmental Future (7th ICEF)	Hawaii, Honolulu, USA	16-20 April	Oral communication	A global island monitoring scheme (gims) for the long-term coordinated survey and monitoring of forest biota across islands	Borges, P.A.V., Kreft, H., Cardoso, P. & Gabriel, R.
7th International Conference on Environmental Future (7th ICEF)	Hawaii, Honolulu, USA	16-20 April	Oral communication	Island ecology and evolution: challenges in the anthropocene	Borges, P.A.V.
7th International Conference on Environmental Future: Humans and Island Environments	Hawaii, Honolulu, USA	16-20 April	Oral, invited	Discussing «Archipelagos of learning: Environmental education on islands»	Gabriel, R.
9th International Conference on Monitoring and Management of Visitors in Recreational and Protected Areas (MMV)	Bordeaux, France	28-31 August	Poster presentation	Evaluating and modelling impacts of recreational trails in the azorean native forests	Carvalho, R.M., Cardoso, P., Gil, A. & Borges, P.A.V.
Benefits and Risks of Exotic Biological Control Agents” for the IOBC-WPRS Working Group Meeting	Ponta Delgada, Portugal	12-14 September	Oral communication	Age and temperature effects on accumulation of carotenoids in ladybirds.	Nedvěd, O., Muhammad, A., Abdolahi, R., Sakaki, S. & Soares, A.O.
Benefits and Risks of Exotic Biological Control Agents” for the IOBC-WPRS Working Group Meeting	Ponta Delgada, Portugal	12-14 September	Oral communication	Assessing the effect of climate conditions on the restriction of biological invasions: the case of Harmonia axyridis in the Azores.	Alaniz A.J., Soares, A.O., Azevedo, E.B. & Grez, A.A.

Name of the Meeting	Local (City, Country)	Date(s)	Type of presentation	Title of presentation	Authors of the presentation (underline cE3c members)
Benefits and Risks of Exotic Biological Control Agents" for the IOBC-WPRSWorking Group Meeting	Ponta Delgada, Portugal	12-14 september	Oral communication	Ecosystem services provided by the native predator <i>Scymnus nubilus</i> Mulsant (Coleoptera: Coccinellidae) against aphids on forestry nurseries	Meseguer, R., I. Borges, V. Vieira, G. Pons & A. O. Soares
Benefits and Risks of Exotic Biological Control Agents" for the IOBC-WPRSWorking Group Meeting	Ponta Delgada, Portugal	12-14 september	Oral communication	Factors influencing the introduction and spread of <i>harmonia axyridis</i> in the Iberian Peninsula.	Ameixa, O.M.C.C., Šipoš, J., Burdas, M., Soares, A.M.V M. & Soares, A.O.
Benefits and Risks of Exotic Biological Control Agents" for the IOBC-WPRSWorking Group Meeting	Ponta Delgada, Portugal	12-14 september	Oral communication	Field and laboratory evidence of mechanisms explaining the dominance of <i>Harmonia axyridis</i> (Pallas) in Alfalfa in Chile.	Grez, A.A., Zaviezo, T., Soares, A.O., Romero, V. & Gonzalez, C.
Benefits and Risks of Exotic Biological Control Agents" for the IOBC-WPRSWorking Group Meeting	Ponta Delgada, Portugal	12-14 september	Poster presentation	Collaborating to map ladybirds across Europe.	Roy H.E., Skuhrovec, J., Adriaens, t., Brown, P.m.J., Honěk, A., Inghilesi, A.F., Kazlauskis, K., Nedvěd, O., Rondoni, G., Roy, D.B., Soares, A.O. & Viglasova, S.
Benefits and Risks of Exotic Biological Control Agents" for the IOBC-WPRSWorking Group Meeting	Ponta Delgada, Portugal	12-14 september	Poster presentation	Traking non-native ladybird beetles (Coleoptera: Coccinellidae): Setting a project of citizen Science.	Calado, H.R., Roy, H.E., Brown, P.M.J., Borges, I. & Soares, A.O.
Ciclo de Palestras: "Impactos das Alterações Climáticas na Sociedade Açoriana"	Angra do Heroísmo, Açores, Portugal	18 July	Oral, invited	Angra vista dos Ilhéus das Cabras: Visita de barco	Dentinho, T.P. & Gabriel, R.
Ciclo de Palestras: "Impactos das Alterações Climáticas na Sociedade Açoriana"	Angra do Heroísmo, Açores, Portugal	11 July	Oral, invited	Briófitos dos Açores num clima em mudança: Indicadores e perspectivas	Gabriel, R., Henriques, D.S.G. Coelho, M.C.M., Fuentes Sánchez, A., Benedictis, M., Arroz, A.M.M. & Borges, P.A.V.
Ciclo de Palestras: "Impactos das Alterações Climáticas na Sociedade Açoriana"	Angra do Heroísmo, Açores, Portugal	11 July	Oral, invited	Onde se esconde a biodiversidade dos Açores: 'Hotspots' de biodiversidade na era das alterações globais	Borges, P.A.V., Elias, R.B., Ferreira, M.T. & Gabriel, R.

Name of the Meeting	Local (City, Country)	Date(s)	Type of presentation	Title of presentation	Authors of the presentation (underline CE3c members)
Citrus Working Group	Valência, Spain	25-27 september	Oral communication	Evaluation of kits of traps and lures for monitoring <i>Ceratitidis capitata</i> Wiedemann (Diptera: Tephritidae) in Terceira Island, Azores	Pimentel, R., Rebelo, J., Soares, P., Eleonora, L., Bevilacqua, R. & Lopes, D.H.
Congress FloraMac 2018	Funchal, Madeira, Portugal	12-15 september	Poster	Project eAZFlora - Electronic Flora of the Azores for Smartphones and Tablets	Moura, M., Dias E.F., Elias, R., Gabriel, R., Tiago, M.T., Carine, M., Rumsey, F. & Silva, L.
GeONG'18 - The Humanitarian Data Forum	Chambéry, France	29-31 october 2018	Oral communication	Using Google Earth Engine platform for monitoring Azores Islands' land use and terrestrial ecosystems	Gil, A.
HBM-PT- 1st Workshop on Human Biomonitoring in Portugal	Lisboa, Portugal	12 may	Poster presentation	Micronuclei in oral epithelial cells as sensitive and non-invasive biomarkers of occupational exposure to low doses of ionizing radiation	Torres, L., Rodrigues, A., Camarinho, R., Rego, Z. & Garcia, P.V.
HBM-PT- 1st Workshop on Human Biomonitoring in Portugal	Lisboa, Portugal	11 may	Poster presentation	Sensitivity of two biomarkers for biomonitoring exposure to fluoride in children and women: A study in a volcanic area	Linhares, D., Garcia, P.V., Amaral, L., Ferreira, T., Cury, J., Vieira, W. & Rodrigues, A.
I World Health and Wellness Tourism Congress	Madeira & Porto Santo, Portugal	1-4 october	Oral communication	Senior tourism: The perception of health and the pursuit of well-being in the Azores as a destination	Medeiros, T., Ferreira, J., Tomás L., Moniz, A.I., Silva, O., Vieira, V., Furtado, S. & Santos, C.
IBS 2018 - International Biogeographical Society (IBS) Climate Change Biogeography 2018 Meeting	Évora, Portugal	20-24 march	Poster presentation	Assessing aboveground carbon stocks rapid changes (2009-2011) due to natural disasters in Madeira Island (Portugal)	Gil, A. & Massetti, A. (Monash University, Australia)
II Congresso Iberoamericano de Turismo y	Coruña, Spain	22-23 october	Oral communication	Motivações e atividades dos turistas seniores:	Medeiros, T., Moniz, A. I., Tomás, L., Silva, O., Furtado, S., Vieira, V.,

Name of the Meeting	Local (City, Country)	Date(s)	Type of presentation	Title of presentation	Authors of the presentation (underline cE3c members)
Responsabilidade Social				Desafio da sustentabilidade em ilhas.	Santos C. & Ferreira, J.
III Jornadas de Investigación en Historia y Arqueología Marítimas	Lisboa, Portugal	21-23 november		Património arqueológico subaquático e biodiversidade - Uma relação simbiótica. O caso dos Parques Arqueológicos Subaquáticos de Angra e do Dori, nos Açores.	Garcia, C. & Barreiros, J.P.
INQUA-PAGES Conference for Early-Career Researchers. Impacts of sea-level rise from past to present”	Utrecht, the Netherlands	26-29 august	Poster presentation	Legacy effects of sea-level fluctuations over the late quaternary on present-day island biodiversity	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-Palacios, J.M., van Loon, E.E., Triantis, K.A., Rijdsdijk, K.F.
International Symposium FloraMac2018	Funchal, Madeira	12-15 september	Oral communication	BACA-A new culture collection of algae and cyanobacteria from the Azores	Gonçalves, V. Luz, R. Cordeiro, R. Xavier, E. Fonseca, A. & Neto, A.I.
International Symposium FloraMac2018	Funchal, Madeira	12-15 september	Oral communication	Macaronesian Algae: Diversity, Uses and Threats.	Neto, A.I., Viera-Rodríguez, M.A. & Haroun, R.
International Symposium FloraMac2018	Funchal, Madeira	12-15 september	Poster presentation	Intertidal macroalgae across boulders and continuous rocky shores	Cacabelos, E., Gestoso, I., Ramalhosa, P., Neto, A.I. & Canning-Clode, J.
International Symposium FloraMac2018	Funchal, Madeira	12-15 september	Poster presentation	Long-term changes in the structure of macroalgal communities in the Azores.	Prestes, A., Moreu, I., Faria, J., Martins, G.M., Cacabelos, E. & Neto, A.I.
Lessons from two high CO2 worlds – Future oceans and intensive aquaculture Symposium	Lagoa, São Miguel	10-12 April	Oral communication	Effects of stocking density and water flow on the growth and bioremediation efficiency of <i>Halopteris scoparia</i> (Ochrophyta).	Patarra, R.F., Abreu, M.H., Pereira, R., Buschmann, A.H. & Neto, A.I.

Name of the Meeting	Local (City, Country)	Date(s)	Type of presentation	Title of presentation	Authors of the presentation (underline CE3c members)
Pedaços de Mar e Ambiente II: Ambiente urbano e sustentabilidade.	Angra do Heroísmo, Açores, Portugal	4-9 June	Oral	Jardins na cidade: importância para a conservação da biodiversidade	Gabriel, R.
Semana de Reflorestação Nacional: A Terceira vista pelos descobridores portugueses - Biodiversidade e floresta autóctone	Praia da Vitória, Açores, Portugal	16 november	Oral, invited	Vegetação natural dos Açores: simplicidade taxonómica e sofisticação estrutural	Gabriel, R.
TMS Algarve 2018: Tourism & Management Studies International Conference	Algarve, Portugal	14-17 november	Oral communication	Destino Açores: Motivações dos turistas seniores.	Silva, O.D.L., Medeiros, M.T.P., Vieira, V. & Furtado, S.C.O.
UMED- III congresso Médico-Ceintífico dos Açores	Ponta Delgada, Portugal	13-14 april	Poster presentation	Avaliação dos efeitos respiratórios e genotóxicos/citotóxicos da exposição a produtos resultantes das atividades de tipografia	Rocha J, Camarinho R, Garcia P & Rodrigues A
UMED- III congresso Médico-Ceintífico dos Açores	Ponta Delgada, Portugal	13-14 april	Poster presentation	CARACTERIZAÇÃO DO CANCRO DA CAVIDADE ORAL E OROFARINGE DA POPULAÇÃO DAS ILHAS DE SÃO MIGUEL E SANTA MARIA	PACHECO Maria, CARNEIRO Victor, LIMA Maria, GARCIA Patrícia, RODRIGUES Armindo
Workshop - The impact of natural and anthropogenic pollution on ecosystems and human health: Which indicators should we use?	Ponta Delgada, Portugal	17 september	Oral communication	Soil health in agricultural volcanic areas	Parelho C.
Workshop - The impact of natural and anthropogenic pollution on ecosystems and human health: Which indicators should we use?	Ponta Delgada, Portugal	17 september	Oral communication	Suitability of <i>Usnea rubicunda</i> as biomonitor of volcanogenic air pollution on hydrothermal areas	Bernardo F.

Name of the Meeting	Local (City, Country)	Date(s)	Type of presentation	Title of presentation	Authors of the presentation (underline cE3c members)
X Congresso APS – Na era da pós-verdade	Covilhã, Portugal	11 july	Oral communication	Entre o usufruir, o prazer e o ser: Sustentabilidade e turismo de natureza	Tomás, L., Medeiros, T., Silva, O., Moniz, A. I., Vieira, V., Furtado, S., Santos, C., & Ferreira, J.
X Congresso Nacional de Geologia	Ponta Delgada, Portugal	10-13 october	Poster presentation	Alterações estruturais e remodelação pulmonar derivadas da exposição crónica a poluentes vulcanogénicos	Camarinho, R., Garcia, P.V., Choi, H. & Rodrigues, A.
XVI Semana da Ciência da Escola Básica Integrada de Angra do Heroísmo	Angra do Heroísmo, Açores, Portugal	19-23 march	Oral, invited	Musgos: o que são e para que servem?	Gabriel, R., Coelho, M.C., Velasco, C. & Benedictis, M.
XXIV Encontro Luso-Galego de Química	Porto, Portugal	21-23 november	Poster presentation	Identification of organic compounds, beyond fatty acids, from terrestrial and aquatic species by GC-MS.	Lesenfantes, M. L.; Faustino, M. V.; Silva, A. M. S.; Pinto, D. C. G. A.; Seca, A. M. L.
XXIV Encontro Luso-Galego de Química	Porto, Portugal	21-23 november	Poster presentation	Phytochemical analysis and anti-aging activities of compounds from <i>Juniperus brevifolia</i> bark.	Pires, A.R., Pacheco, C., Martins, D., Rosa, G.P., Seca, A.M.L. & Silva, A.M.S.
XXXII Congresso Brasileiro de Zoologia	Foz do Iguaçu, Brasil	2 march	Oral communication	Dinâmica populacional de <i>Paralonchurus brasiliensis</i> (Steindachner, 1875) (Perciformes: Sciaenidae)	Sedrez, M.C., Barrill, G.H.C., Fragoso Moura, E.N., Barreiros, J.P., Branco, J.O. & Verani, J.R.
XXXII Congresso Brasileiro de Zoologia	Foz do Iguaçu, Brasil	2 march	Poster presentation	Hábitos alimentares de <i>Paralonchurus brasiliensis</i> (Steindachner, 1875) (Perciformes: Sciaenidae)	Sedrez, M.C., Barrilli, G.H.C., Fragoso, Moura, E.N., Barreiros, J.P., Branco, J.O. & Verani, J.R.