



Center for Ecology, Evolution and Environmental Changes

**Azorean Biodiversity Group
*Grupo da Biodiversidade dos Açores (ABG/cE3c)***

2015 Annual Report

Director: Paulo A. V. Borges

Vice-Director: Patrícia V. Garcia

Research Area: Biological Sciences

Home Institution: Universidade dos Açores (Dep. de Ciências Agrárias, Dep de Biologia, Dep. de Ciências de Educação)



Angra do Heroísmo & Ponta Delgada, January 2016

Azorean Biodiversity Group (cE3c)
Grupo da Biodiversidade dos Açores (cE3c)

2015 Annual Report

Executive Summary

In 2015 the Azorean Biodiversity Group was recognized by the University of Azores as a regional Research Centre. At a national level, 2015 marks the official start of Azorean Biodiversity Group as a regional sub-group of the **CENTRE FOR ECOLOGY, EVOLUTION AND ENVIRONMENTAL CHANGE** (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 2015, the main achievements of the 20 integrated members with Ph.D. of ABG-cE3c included 76 publications, 39 of which in International Indexed Journals with Impact Factor (51%). The mean Impact Factor in 2015 in SCI Journals was 2,55 (max = 8,04; Global Change Biology); 16 publications follow in the first quartile (41% of the SCI publications). Our 14 external collaborators published an additional 15 publications with our affiliation.

Sumário Executivo- para terminar

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 da 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 subdivididos em dois grupos principais com objectivos específicos , o “Island Biodiversity, Biogeography & Conservation – IBBC” e o “Island Environmental Risks & Society – IERS”.

Durante o ano de 2015 gostaríamos de realçar a publicação de cerca de 76 trabalhos científicos, 39 dos quais em revistas internacionais indexadas com Fator de Impacto (51%). O Fator de Impacto médio em 2015 em SCI Journals foi de 2,55 (máximo = 8,04 na Global Change Biology) sendo 16 as publicações no primeiro quartil (41% das publicações SCI).

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

DB – Department of Biology of Univ of Azores/ Departamento de Biologia da Universidade dos Açores

DCA – Department of Agrarian Sciences of Univ of Azores /Departamento de Ciências Agrárias da Universidade dos Açores

DCE - Department of Education of Univ of Azores /Departamento de Educação da Universidade dos Açores

FCT – Portuguese Science Foundation / Fundação da Ciência e Tecnologia

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

UAC – University of Azores/ Universidade dos Açores

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RESEARCH GROUP DESCRIPTION AND ACHIEVEMENTS FOR 2015

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 eight years (2008-2015), increasing from six integrated members in 2008 to the current 20. In 2015 a new group of researchers, leaded by Ana Neto, joined the ABG-cE3c. This subgroup includes five researchers with Ph.D. (two PIs from the University of Azores), seven Ph.D. students and two grant researchers. Therefore, in this period (2008-2015), 30 senior researchers participated in the ABG-cE3c — 12 with an academic position, one with a research contract, and 17 post-doctoral grant holders. In addition, 35 Ph.D. students and 15 research grant holders worked with the senior researchers. ABG-cE3c also included about 20 International 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 from the last 13 years 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 seven years. ABG-cE3c's interdisciplinary approach integrating science and education allowed the creation of seven 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 (Parques de Ilha).

In 2015 the Azorean Biodiversity Group was recognized by the University of Azores as a Regional Research Centre. Since 2015 the Azorean Biodiversity Group belongs to another FCT center, the **CENTRE FOR ECOLOGY, EVOLUTION AND ENVIRONMENTAL CHANGE** (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. Our current 20 integrated members with Ph.D., plus Ph.D. students and collaborators are now part of a larger research centre, with 101 integrated members in which research questions will be addressed at both the continental and insular scales.

In December 2014 FCT awarded the Classification of EXCELLENT to the Centre for Ecology, Evolution and Environmental Changes (CE3C), having been the 19 Azorean Biodiversity Group researchers included in this evaluation, 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 2015.

MEMBERS IN 2015

In 2015 the group was composed by in average 20 senior researchers with Ph.D., from a total of 24: 11, have academic positions at the University of Azores; one, a position in a State Laboratory (LNEC) and 12, hold post-doctoral grants. Among the post-docs, four are funded by Azorean Government FRCT; six, are funded by FCT; one is a Research Technician, funded by Azorean Government FRCT, and one is funded by the Brazilian institution CNPq.

The group included in 2015 a total of 28 Ph.D. students, 18 of which with either FRCT (14) or FCT (4) grants; and 11 research grant holders.

In addition, 14 Associated Research Fellows (External Collaborators) from several countries collaborate on different projects, creating a network of Island research investigators.

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

Azorean Biodiversity Group ABG: <http://gba.uac.pt/>

Island Biodiversity, Biogeography & Conservation – IBBC:
<http://ce3c.ciencias.ulisboa.pt/teams/profile/?id=9> and

Island Environmental Risks & Society – IERS:
<http://ce3c.ciencias.ulisboa.pt/teams/profile/?id=10>)

Integrated members with Ph.D.

Director:

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

Vice-Director:

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

Other Scientists with contract

1. Ana Isabel de Melo Azevedo Neto (Univ. Azores, DB) - IBBC
2. Ana Moura Arroz (Univ. Azores, DCE) - IERS

3. António Onofre Soares (Univ. Azores, DB) - IBBC
4. David Horta Lopes (Univ. Azores, DCA) - IERS
5. João Pedro Barreiros (Univ. Azores, DCA) - IBBC
6. José Manuel Viegas de Oliveira Neto Azevedo (Univ. Azores, DB) - IBBC
7. Lina Nunes (LNEC) - IERS
8. Rosalina Gabriel (Univ. Azores, DCA) - IBBC
9. Rui Bento Elias (Univ. Azores, DCA) - IBBC
10. Virgílio Vieira (Univ. Azores, DB) - IBBC

Post-Docs:

Actives for 2016

1. Artur Gil (Univ. Azores, DB) – IBBC/IERS, Funded by FRCT
2. Carla Rego (Univ. Azores, DCA) - IBBC, Funded by FCT
3. Gustavo Oliveira de Meneses Martins Univ. Azores, DB) - IBBC, Funded by FCT
4. Isabel Amorim (Univ. Azores, DCA) - IBBC, Funded by FRCT
5. Mário Boieiro (Univ. Azores, DCA) (Starting in 2013) - IBBC, Funded by FCT
6. Tarso de Menezes Macedo Costa (Univ. Azores, DB) - IBBC, Funded by Brazil-CNPq

Finished in 2015 (Will be External Collaborators in 2016)

1. Catarina Drumond Melo (Univ. Azores, DCA) - IBBC, Funded by FCT (Finished in December 2015)
2. Eva Cacabelos Reys (Univ. Azores, DB) - IBBC, Funded by FCT (Finished in June 2015)
3. François Rigal (Univ. Azores, DCA) - IBBC, Funded by FCT (Finished in July 2015)
4. Isabel Borges (Univ. Azores, DB) - IBBC, Funded by FRCT (Finished in September 2015)
5. Margarita Patricia Florencio Diaz (Univ. Azores, DCA) - IBBC, Funded by FRCT (Finished in March 2015)
6. Maria Teresa Ferreira (Univ. Azores, DCA) - IBBC Funded by FRCT (Finished in September 2015)

Other members

Ph.D. Students:

1. Ana Picanço (Univ. Azores, DCA) - IBBC, Funded by FRCT (M3.1.2/F/031/2011)
2. Ana Rita Ferreira Patarra (Univ. Azores, DB) - IBBC, Funded by FRCT (M3.1.2/F/024/2011)
3. Arianna Cecchetti (Univ. Azores, DB) - IBBC, Funded by FRCT (M3.1.2/F/036/2011)
4. Carolina Parelho (Univ. Azores, DB) - IERS, Funded by FRCT (M3.1.2/F/048/2011)
5. Christiana Faria (in collaboration with other research Center in UK) - IBBC (Finished in 2015)
6. Débora Henriques (Univ. Azores, DCA) - IBBC, Funded by FRCT (M3.1.2/F/051/2011)

7. Dinis Pereira (in collaboration with other research Center in PT – CITA-A) (funded by FCT)
(Finished in 2015)
8. Diana Paula Linhares (in collaboration with other research Center in PT - CVARG)
9. Emanuel Dias Xavier (Univ. Azores, DB) - IBBC, Funded by FRCT (M3.1.2/F/027/2011)
10. João Faria de Oliveira Santos (Univ. Azores, DB), Funded by FRCT (M3.1.2/F/021/2011)
11. Lara Silva (started in 2013) - IBBC (Self-funded)
12. Lisa Adelaide Toste (in collaboration with other research Center in PT) - IBBC
13. Lurdes Silva (started in 2013) - IBBC (Self-funded)
14. Marc Fernandez Morron (Univ. Azores, DB) - IBBC, Funded by FRCT (M3.1.2/F/028/2011)
15. Manuel Fernandez Urrutia (Self-funded) - IBBC
16. Márcia Coelho (Univ. Azores, DCA) - IBBC, Funded by FRCT (M3.1.2/F/007/2012)
17. Maria Luís Adrião do Vale (Univ. Azores, DB) - IBBC, Funded by FCT (SFRH/BD/70374/2010)
18. Marta Costa (Univ. Azores, DCA) - IBBC, Funded by FRCT (M3.1.2/F/053/2011)
19. Nuno Miguel da Silva Ascensão Vaz Álvaro (Univ. Azores, DB) - IBBC, Funded by FRCT
(M3.1.2/F/015/2011) (Delivered the Thesis in December 2015; Waiting Final Viva)
20. Orlando Guerreiro (Univ. Azores, DCA) - IERS, Funded by FRCT (M3.1.5/F/003/2011)
21. Reinaldo Pimentel (Univ. Azores, DCA) – IERS, Funded by FCT (SFRH/BD/81079 / 2011)
22. Rita Godinho (Univ. Azores, DCA) - IBBC, Funded by FRCT (M3.1.2/F/030/2011)
23. Rui Nunes (Univ. Azores, DCA) - IBBC, Funded by FRCT (M3.1.2/F/035/2011)
24. Ruben Abreu (Univ. Azores, DCA) (Self-funded) - IERS
25. Sofia Terzopoulou (in collaboration with other research Center in Greece) - IBBC
26. Sónia Duarte (LNEC, Lisbon) – IBBC/IERS, Funded by FCT (FRH/BD/84920/2012)
27. Tânia Ferreira (started in 2010) (Self-funded), - IERS (Delivered the Thesis in November 2015;
Waiting Final Viva)
28. Thomas Matthews (in collaboration with other research Center in UK) (Self-funded) - IBBC
(Finished in 2015)

Grant Students:

1. Afonso Costa Lucas Prestes (Univ. Azores, DB) – IBBC, Funded by FRCT
2. Cláudia Luísa Salvador Hipólito Lopes (Univ. Azores, DB) – IBBC, Funded by Grant
07.032700/2012/635752/SUB/B2
3. Enésima Mendonça (Univ. Azores, DCA) (Funded by FRCT) – IBBC (Finished in September 2015 and Started a Science Management Grant Funded by FCT)
4. Hugo Silva (Univ. Azores, DCA) - IERS (“Recuperar Progam - Azorean Government”)
5. Joana Lourenço (Univ. Azores, DCA) - IERS (“Recuperar Progam - Azorean Government”)
6. Lucas Lamelas López (Univ. Azores, DCA) – IBBC – Spanish Grant
7. Luís Barcelos (Univ. Azores, DCA) – IBBC (“Recuperar Progam - Azorean Government”)
8. Nídia Homem (Univ. Azores, DCA) – IBBC (Project grant)
9. Rui Carvalho (Univ. Azores, DCA) – IBBC (Funded by FCT) (Finished in June 2015)
10. Sílvia Silva (Univ. Azores, DCA) - IERS (“Recuperar Progam - Azorean Government”)

Technicians:

1. Fernando Pereira (Univ. Azores, DCA) IBBC

Associate Research Fellows (External Collaborators):

1. Alain Vanderpoorten (University of Liege) – Collaboration in the Biogeography of Azorean Bryophytes - IBBC
2. Ana Margarida Santos (Past Ph.D. Student), collaborator based in the Natural History Museum of Madrid and team member in the Project PTDC/BIA-BIC/119255/2010 – “Biodiversity on oceanic islands: towards a unified theory” - IBBC
3. Aristeidis Parmakelis (University of Athens) and team member in the Project PTDC/BIA-BIC/119255/2010 – “Biodiversity on oceanic islands: towards a unified theory” - IBBC
4. Fleur Visser (Behavioural Biology group of Leiden University) - Collaboration in the Island Marine Biology Sub-group led by J. Pedro Barreiros - IBBC
5. Jairo Patiño (University of Liege) – Collaboration in the Biogeography of Azorean Bryophytes - IBBC
6. Joaquín Hortal (Past Post-Doc), collaborator in Macroecology and based in the Natural History Museum of Madrid - IBBC
7. José A. P. Marcelino (Univ. Azores, DB) - IBBC
8. José Carlos Carvalho, collaborator in Macroecology (Independent researcher) - IBBC
9. Kostas Triantis (Started in 2013 after finishing his Post-Doc contract), collaborator in Island Biogeography and based in the University of Athens, Greece - IBBC
10. Maria do Carmo Barreito (Univ. Azores, DB) - IERS
11. Pedro Cardoso (Started in 2013 after finishing his Post-Doc contract). collaborator in Macroecology and based in the Finnish Museum of Natural History - IBBC
12. Pedro Miguel Reis Rodrigues (Universidad Austral de Chile) Collaboration in the Biogeography of Azorean Birds - IBBC
13. Sérvio P. Ribeiro, collaborator in Canopy ecology and based in Universidade Federal de Ouro Preto (UFOP), Brasil - IBBC
14. Simone Fattorini, collaborator in Island Biogeography (Independent Researcher based in Rome, Italy) - IBBC

PUBLICATIONS of 2015

The main achievement performed by integrated members in 2015 was the publication of 76 works, 39 of which were published in International Indexed Journals with Impact Factor (51%). In 2015, the mean Impact Factor of these publications was 2.55, with 16 the publications in the first quartile (41% of the SCI publications).

Among the other publications, it is noteworthy to mention three authored Books and one Book as editors, four book chapters, two outreach publications, 16 papers in peer-reviewed journals with no impact factor, six papers in Proceedings of Symposia and five other type of publications (see Fig. 1).

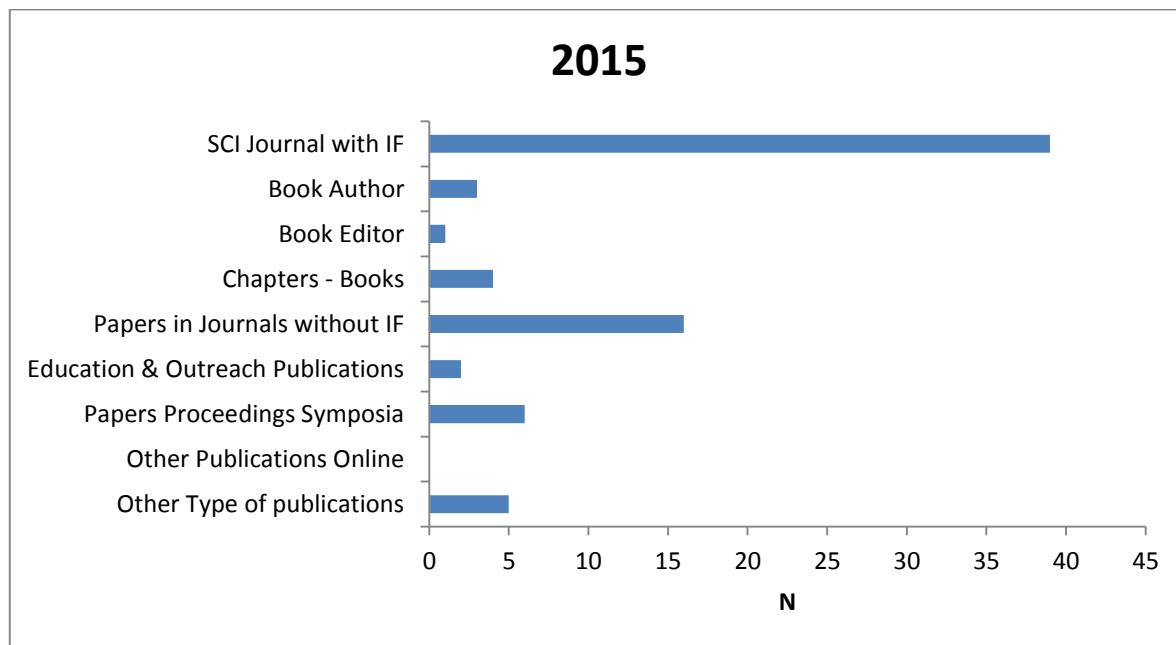


Figure 1. Number of publications on the year of 2015 in the several possible categories.

This makes an average of 3.55 publications and 1.95 SCI papers, per integrated member with a Ph.D. in 2015.

On top of those 76 publications we can add 15 more with the affiliation of the ABG (cE3c) published only by our Associate Research Fellows External Collaborators (13 SCI papers; two papers in Journals without IF). We must highlight the contribution of several

publications from our collaborators Simone Fattorini, Jairo Patiño, Alain Vanderpoorten, Kostas A. Triantis and Pedro Cardoso. The publications by collaborators are promoting the internationalization of the ABG (cE3c, University of Azores) and increasing the visibility of the group.

In summary the 2015's publications were:

By integrated members (Total = 76)

INTERNATIONAL PEER REVIEWED PAPERS (SCI Journals) = 39

BOOKS = 4

BOOK CHAPTERS = 4

OTHER PEER REVIEWED PAPERS = 16

PAPERS ON PROCEEDINGS OF SYMPOSIA = 6

EDUCATION & OUTREACH PUBLICATIONS = 2

OTHER TYPE OF PUBLICATIONS = 5

By Associate Research Fellows (Total = 15)

INTERNATIONAL PEER REVIEWED PAPERS = 13

OTHER PEER REVIEWED PAPERS = 2

The detailed output of publications in 2015 for each member is given in Table 1. Remarkably, 12 researchers had five or more indicators and a total of 23 researchers participated in at least two publications of the SCI.

There was a steady increase in the number of publications in the last eight years in Journals with Impact Factor of the SCI (Fig. 2), with a maximum value of 39 in 2014, but a very similar value in 2015 (38 papers). The years of 2011, 2012 and 2014-2015 were particularly productive.

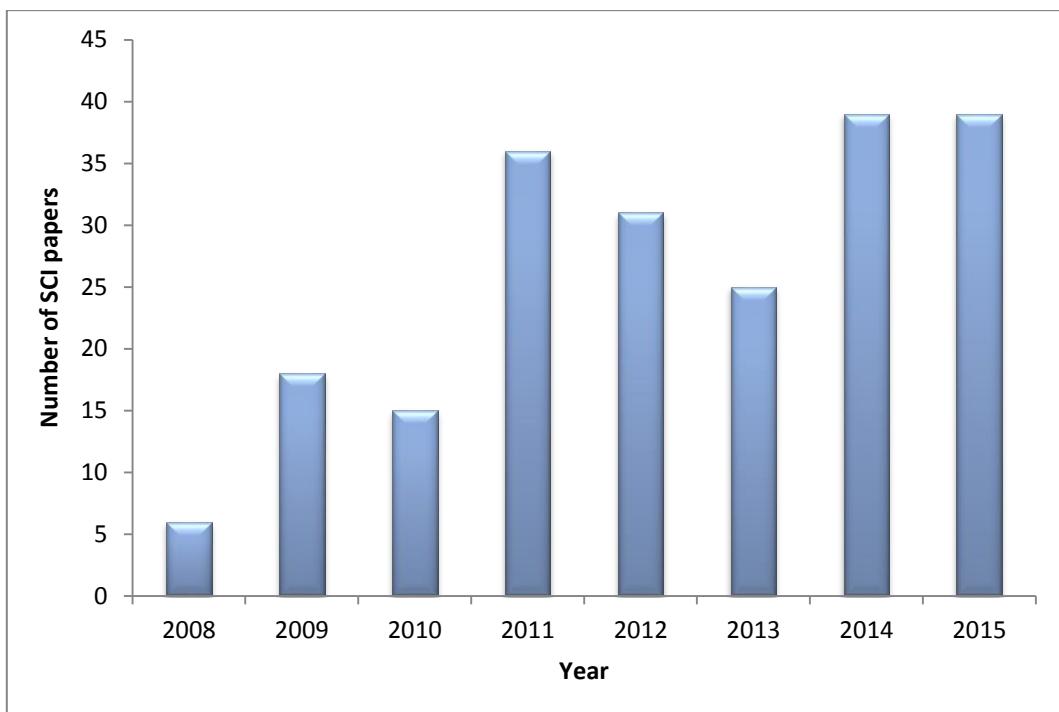


Figure 2. Number of papers in Journals of the SCI in the period 2008-2015.

Table 1. Number of publications for each researcher in 2015 for the different type of publication categories.

Authors	Author Status	SCI Papers	Books	Book Chapters	Non SCI Pap	Outreach Publ	Proc Symp	Other	Total
Borges, P.A.V.	PI - UA	7	1		7	1	1	2	19
Gabriel, R.	PI - UA	4	1		2	1	1	4	13
Barreiros, J.P.	PI - UA	4		1	3	1			9
Fattorini, S.	Ass. Coll	6			2				8
Gil, A.	Post_Doc	3	1	1			1		6
Matthews, T.J.	Ph.D. Stud.	5			1				6
Neto, A.I.	PI - UA	4			2				6
Nunes, L.	PI - LNEC			1	1	4			6
Rigal, F.	Post_Doc	5			1				6
Amorim, I.	Post_Doc	2	1			1	1		5
Cardoso, P.	Ass. Coll.	3			1	1			5
Patiño, J.	Ass. Coll	5							5
Boeiro, M.	Post_Doc	1			3				4

Authors	Author Status	SCI Papers	Books	Book Chapters	Non SCI Pap	Outreach Publ	Proc Symp	Other	Total
Garcia, P.	PI - UA	3		1					4
Pereira, F.	Technician	2	1			1			4
Triantis, K.A.	Ass. Coll.	4							4
Vanderpoorten, A.	Ass. Coll.	4							4
Vieira, V.	PI - UA	1	1		2				4
Azevedo, J.M.N.	PI - UA	3							3
Rego, C.	Post_Doc	1			2				3
Soares, A.O.	PI - UA	2			1				3
Arroz, A.M.	PI - UA					1	1		2
Borges, I.	Post-Doc	2							2
Carvalho, J.C.	Ass. Coll	2							2
Florencio, M.	Post_Doc	2							2
Lobo, J.M.	Ass. Coll	2							2
Costa, T.M.M.	Post_Doc	2							2
Mendonça, E.	Grant Stud.				1	1			2
Terzopoulou, S.	Ph.D. Stud.	2							2
Aranda, S.C.	Ph.D. Stud.	1							1
Barcelos, L.	Grant Stud.				1				1
Crespo, L.C.	Grant Stud.	1							1
Duarte, S.	Ph.D. Stud.					1	1		1
Elias, R.B.	PI - UA				1				1
Faria, J.	Ph.D. Stud.	1							1
Fernandez, M.	Ph.D. Stud.	1							1
Ferreira, M.T.	Post_Doc					1	1		
Guerreiro, O.	Grant Stud.					1	1		
Guilhaumon, F.	Ass. Coll.	1							1
Homem, N.	Grant Stud.	1							1
Marcelino, J.A.P.	Post_Doc		1						1
Martins, G.M.	Post_Doc	1							1
Nunes, R.	Ph.D. Stud.				1				1
Parmakelis, A.	Ass. Coll.	1							1
Picanço, A.	Ph.D. Stud.					1		1	

Authors	Author Status	SCI Papers	Books	Book Chapters	Non SCI Pap	Outreach Publ	Proc Symp	Other	Total
Rodrigues, P.	Ass. Coll.				1				1
Santos, A.M.C.	Ass. Coll.	1							1
Coelho, M.C.M.	Ph.D. Stud.	1							1
Henriques, D.S.H.	Ph.D. Stud.	1							1

The main thematic words in the 39 SCI publications are AZORES, ISLANDS, SPECIES, MANAGEMENT (Fig. 3).



Figure 3. Word cloud using the titles of the 38 papers in Journals of the SCI in 2015.

During 2015, a total of 53 Abstracts were published in Congress Actas by integrated members in several national and international events (see detailed list below in the Appendix Section). In addition, a total of 85 communications were made in 48 national and international events, being 55 Oral (18 Invited) and 30 Posters (see detailed list below in the Appendix Section).

The expectations for the next two years are optimistic, since most of our 29 current Ph.D. students should deliver their thesis by the end of 2016. Publications derived from those students will be distributed by the next two years and will contribute to enrich our scientific production. Moreover we currently have already about 60 publications Online Early, In Press or “In evaluation”. Based on these figures, the number of SCI papers in 2016 and 2017 will surpass largely the 40 papers year.

PROJECTS

In 2015 the Calls for projects started with already some positive results for the Group with the successful approval of six FCT projects, three of which with leading PIs from our group (projects MACDIV, 2gether, AzoresBioportal). These projects will start in 2016. We are waiting for the results of our applications to BIODIVERSA and to AZORES PO-2020.

Thirty projects run in 2015, 18 of which were coordinated by integrated members (see detailed list in the Appendix section): 14 received international funding, seven national, two by FCT and five by DRCT and nine more projects were funded by other Agencies. These 30 projects (some of them finishing in 2015) brought about € 819.897,00 Euros to the research group members.

On top of this, we must also add the funds obtained for 18 Ph.D. and 10 Pos-Doc Grants, which totalled € 3.737.040.

Mobility projects and networks

1. Azevedo, J.M.N.: Eurodisseia.Estágio 578. Clàudia Auladell Quintana. Distribuição e conservação de cetáceos nos Açores.
2. Azevedo, J.M.N.: Eurodisseia.Estágio 578. Lola Renard. Distribuição e conservação de cetáceos nos Açores.
3. Azevedo, J.M.N.: Eurodisseia.Estágio 650. Laura Roig. Distribuição e conservação de cetáceos nos Açores.
4. Boieiro, M.: Network of the Alien Species Challenge - impact assessment protocol (COST ACTION TD1209)
5. Boieiro, M.: Network of the CLIMA-MADEIRA no contexto da Elaboração do Estudo sobre as Vulnerabilidades e Respostas às Alterações Climáticas no Arquipélago da Madeira.
6. Borges, P.A.V.: ERASMUS Taining (Madrid, Espanha), David Rodilla Rivas. Entre Fevereiro e Maio de 2015. O estudante desenvolveu trabalhos de Triagem de artrópodes de amostras de armadilhas SLAM da ilha Terceira.

7. Borges, P.A.V.: ERASMUS Training do Centro Educativo IES EL ESCORIAL (Madrid, Espanha), Óscar García Contreras, entre Março e Junho de 2015. O estudante desenvolveu trabalhos de Triagem de artrópodes de amostras se armadilhas SLAM.
8. Borges, P.A.V.: ERASMUS Training do CIFP LOS GLADIOLOS (Canárias, Espanha), Ivan Valbuena, entre Março e Maio de 2015. O estudante desenvolveu trabalhos de Criação de Base de Dados de Características Morfológicas de Aves e Artrópodes dos Açores para o Portal da Biodiversidade dos Açores.
9. Borges, P.A.V.: ERASMUS Training do CIFP LOS GLADIOLOS (Canárias, Espanha), Adal Humberto Díaz Raya, entre Março e Maio de 2015- Triagem de artrópodes de amostras de armadilhas SLAM das ilhas de São Miguel e Faial
10. Borges, P.A.V.: ERASMUS Training do CIFP LOS GLADIOLOS (Canárias, Espanha), Laura Cáceres Sabater, entre Março e Maio de 2015. A estudante desenvolveu trabalhos de Triagem de artrópodes de amostras de armadilhas SLAM da ilha do Pico.
11. Borges, P.A.V.: Eurodisseia. Estágio 664. José Ángel Ortalá .Citizen Science for Azorean Biodiversity.
12. Borges, P.A.V.: Eurodisseia.Estagio 568. Percy de Laminne . Monitoring the Impact of Climate Change on Azorean Arthropod Biodiversity Using SLAM Traps
13. Borges, P.A.V.: Eurodisseia.Estagio 663. Juan Ignacio Pitarch Peréz. Monitoring the Impact of Climate Change on Azorean Arthropod Biodiversity Using SLAM Traps.
14. Borges, P.A.V.: ISLANDS - Community Assembly on Remote Islands: Does the Equilibrium Theory Apply (French CESAB)
15. cE3c members: Pedro Cardoso, Paulo A. V. Borges & Enésima Mendonça: IUCN-SSC - Spider and Scorpion Specialist Group (Pedro Cardoso Co-Chair).
16. cE3c members: Paulo A. V. Borges,Carla Rego, Mário Boieiro, Isabel R. Amorim, Virgílio Vieira, Pedro Cardoso, Rosalina Gabriel & Ana Arroz: IUCN-SSC Mid-Atlantic Island Invertebrates Specialist Group (Paulo A. V. Borges Co-Chair)
17. cE3c members: Paulo A.V. Borges, François Rigal, Isabel R. Amorim & Thomas Matthews: BIG – Biodynamical Island Group (This is an International consortium research group implemented to model the General Dynamic Model of Island Biogeography).
18. Costa, T.C.: Eurodisseia.Estagio 676. Efflam Guillou. Alimentação de caranguejos (Grapsidae) nos Açores.
19. Gil, A.: Andrea Massetti (University of Perugia, Italy: Erasmus + Trainee from March 10th to May 31st and Eurodyssée Trainee from June 1st to November 27th 2015).
20. Martins, G.M.M.: Eurodisseia.Estagio 580. Monica Gomez. Efeito da temperatura nas interações tróficas.

21. Neto, A.I.: Eurodisseia.Estudante 577. Marta Coca. Recrutamento e variação sazonal de invertebrados marinhos nos Açores.
22. Neto, A.I.: Eurodisseia.Estudante 645. Anna Marrodán Pellicer. Cultivo intensivo de microalgas nos Açores.
23. Rego, C.: Network of the Alien Species Challenge - impact assessment protocol (COST ACTION TD1209)
24. Soares, A.O.: Eurodisseia. Estágio. Roberto Meseguer. "Utilização de agentes de controlo biológico para o combate a populações de afídeos em plantas endémicas produzidas em viveiro".

Research contracts

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

1. PEERS (starting in 2013)– 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).
2. NATURE PARKS OF AZORES (starting in 2012)– 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, Flores and Pico islands, the Botanical Garden of Faial island and the Furnas Monitoring and Research Centre (São Miguel island), and the SPEA.
3. BIG – Biodynamical Island Group (starting in 2013) – This is an International consortium research group implemented to model the General Dynamic Model of Island Biogeography. It includes 14 international Researchers, where six of them are either integrated members (P.A.V. Borges, F. Rigal, I.R. Amorim), Ph.D. students (T. Matthews) or collaborators (K. Triantis, R. Whittaker) of the Azorean Biodiversity Group.
4. Development and Coordination for “RCE Açores” (starting in 2009)- 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.

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.

Web-based resources

Web-based resources in the Period 2008-2015

1. Azorean Biodiversity Group Page (<http://www.gba.uac.pt/>)
2. Azorean Biodiversity Portal (<http://www.azoresbioportal.angra.uac.pt/>)
3. Azorean Biodiversity Gallery (<http://galeria.azoresbioportal.angra.uac.pt/>)
4. ATLANTIS database (<http://www.atlantis.angra.uac.pt/>)
5. Azorean Spiders: (<http://www.jorgenlissner.dk/azoreanspiders.aspx>)
6. Termites of the Azores (<http://sostermitas.angra.uac.pt>)
7. E.D.E.N – Azores Habitats (<http://www.eden-azores.com/>)
8. FACEBOOK Pages:
 - a. Azorean Biodiversity Group:
<https://www.facebook.com/azoreanbiodiversitygroup/?ref=hl>
 - b. Chama-lhe Nomes: <https://www.facebook.com/Chama.lhe.Nomes/?ref=hl>

NEW Web-based resources in 2015

1. -IBBC and IERS Groups with cE3c

<http://ce3c.ciencias.ulisboa.pt/teams/profile/?id=9>
<http://ce3c.ciencias.ulisboa.pt/teams/profile/?id=10>
2. -Azores Bioportal

<http://azoresbioportal.uac.pt/pt/>
3. -ISLAND LAB

<http://islandlab.uac.pt/>

Public awareness activities

1. Amorim, I.R., Arroz, A.M., Gabriel, R & Borges, P.A.V.: Endémicas no Campus - Ação de sensibilização sobre a biodiversidade única dos Açores (7 Novembro 2015)
2. Amorim, I.R., Henriques, D., Mendonça, E. & Barcelos, L.: II Edição da Feira do Ambiente da Praia da Vitória. Acção de promoção do Grupo da Biodiversidade dos Açores e do Portal da Biodiversidade dos Açores. Organização da Câmara Municipal da Praia da Vitória em comemoração do Dia Mundial do Ambiente e do Dia Mundial da Criança, 1 Junho 2015, Praia da Vitória, Açores, Portugal.
3. Boieiro, M.: Organization and content creator for the exhibition: "Lagoas da Estrela – Água, Energia e Biodiversidade" which opened to the public on February 5, 2015 in Centro de Interpretação da Serra da Estrela (CISE), where it will remain until February 2017.
4. Borges, P.A.V. & Mendonça, E.: Administrator and content creator for cE3c Portal (<http://ce3c.ciencias.ulisboa.pt/>)
5. Borges, P.A.V. & Mendonça, E.: Administrator and content creator for Azorean Biodiversity Group (<http://www.gba.uac.pt/>)
6. Borges, P.A.V., Arroz, A.M. & Guerreiro, O.: Administrator and content creator for SOS Térmitas Portal (<http://sostermitas.angra.uac.pt/>)
7. Borges, P.A.V., Gabriel, R., Elias, R. & Mendonça, E.: Administrator for Atlantis Database (<http://www.atlantis.angra.uac.pt/atlantis/common/index.jsf>)
8. Borges, P.A.V., Gabriel, R., Elias, R. & Mendonça, E.: Administrator and content creator for The Azorean Biodiversity Portal - Galeries (<http://galeria.azoresbiportal.angra.uac.pt/>)
9. Borges, P.A.V., Gabriel, R., Elias, R., Amorim, I.R., Arroz, A.M., Soares, A.O. & Mendonça, E.: Administrator and content creator for The Azorean Biodiversity Portal (<http://azoresbiportal.uac.pt/>)
10. Borges, P.A.V., Rego, C., Mendonça, E., Amorim, I.R., Gil, A. & Guerreiro, O.: Administrators and content creators for Azorean Biodiversity Group (ABG) Facebook page (<https://www.facebook.com/azoreanbiodiversitygroup/>)
11. Borges, P.A.V.: Administrator and content creator for IslandLab Portal (<http://islandlab.uac.pt/>)
12. Henriques, D., Amorim, I.R., Mendonça, E. & Barcelos, L.: II iniciativa de Mapeamento de Plantas Invasoras - Grupo da Biodiversidade dos Açores (cE3c) (20 de Outubro de 2015)

13. Lopes, D.J.H.: A valorização da Universidade dos Açores como conquista da autonomia e a sua projeção como centro de referência de ensino e investigação. - JSD Universidade de Verão 2015
14. Melo, C.: Oral communication "Diversidade de fungos micorrízicos arbusculares (FMA) em explorações em modo de produção biológico dos Açores", II Bio Feira dos Açores, 23-24th May
15. Neto, A.I. (2015) Algas marinhas - potencial nutricional e apontamentos sobre a sua colheita, limpeza e conservação. II WORKSHOP “ALGAS AÇORIANAS NA CULINÁRIA, Associação das Mulheres de Pescadores e Armadores da Ilha Terceira, Centro Social de Paroquial de São Mateus da Calheta, Terceira, Açores, Portugal, 27 Junho.
16. Patarra. R.F., Neto, A.I. (2015) Sustentabilidade, Métodos de Apanha e Riscos de Algas Invasoras. Conferência em “Apanha de Algas: sustentabilidade e criação de rendimento”, promovida pela Secretaria Regional do Mar, Ciência e Tecnologia, em parceria com a Associação de Pescadores Graciosenses Santa Cruz da Graciosa, Açores, Portugal, 29 Julho.
17. Rego, C.: Administrator and content creator for Centre of Ecology, Environment and (ce3c) Facebook page (<https://www.facebook.com/Center-for-Ecology-Evolution-and-Environmental-Changes-ce3c-361683534027982/>)
18. Rego, C.: Administrator and content creator for Sociedade Portuguesa de Entomologia (SPEN) Facebook page (<https://www.facebook.com/sociedadeportuguesadeentomologia/>)
19. Rego, C.: Organization and content creator for the exhibition: "Lagoas da Estrela – Água, Energia e Biodiversidade" which opened to the public on February 5, 2015 in Centro de Interpretação da Serra da Estrela (CISE), where it will remain until February 2017.
20. Soares, A.O.: Organização de uma jornada - Visita da Escola Alfredo da Silva, Barreiro 2. Ponta Delgada, 18 de Março de 2015.

Radio/Journal news/Interviews

1. Amorim, I.R.: Programa inter-ilhas, RDP-Açores: projeto de empreendedorismo social - AzorLinho (Agosto 2015).
2. Amorim, I.R. & Coelho, M.: Azores TV by vitec (canal regional com produções dos Açores): projeto de empreendedorismo social - AzorLinho (Agosto 2015).

3. Boieiro, M.: Interview and new of the discovery of a new species - *Domene viriatoi* - in Wilder. New of the discovery of a new species - *Domene viriatoi* - to regional media Porta da Estrela.
4. Melo, C.: INFOCE3C#9, 20 jan 2015 - Catarina Melo ganha prémio no concurso regional de empreendedorismo
5. Rodrigues, A., Fernandez, M. & Cecchetti, A. 2015 - RDP Açores: Interview about cetacean research in the Azores

PRIZES 2015 - AZOREAN BIODIVERSITY GROUP - (IBBC and IERS - cE3c)

In 2012, the Azorean Biodiversity Group (ABG) initiated the attribution of the “Azorean Biodiversity Group Prizes” that aim to highlight excellence in research. The annual prizes are awarded to members of the group, to collaborators or to other scientists in several categories.

THOMAS MATTHEWS

“The Most Productive Young Researcher – Ph.D. Student” Award - 2015

(This prize is awarded every two years to the most productive young researcher of the ABG Group, a Post-Doc Fellow and Ph.D. student interchangeably; productivity analysis use the previous three years)



In 2015 the “The Most Productive Young Researcher – Ph.D. Student 2015” Award goes to **Thomas Matthews** (<http://www.gba.uac.pt/quem/ver.php?id=121>).

Thomas Matthews, is an English young researcher, studying the biology of fragmentation under the supervision of Prof. Robert Whittaker (University of Oxford, UK), and the collaboration of Prof. Paulo A. V. Borges (University of Azores, PT). In the period of 2013-2015 he authored 14 publications, 12 of which in SCI Journals, and nine as leading author. He received his Ph.D. in 27th February 2015.

FRANÇOIS RIGAL

“BALA –Biodiversity of Arthropods from Laurisilva of Azores” Award - 2015

(This prize is awarded every year to the most influent researcher generating data or analyses in the BALA Project)



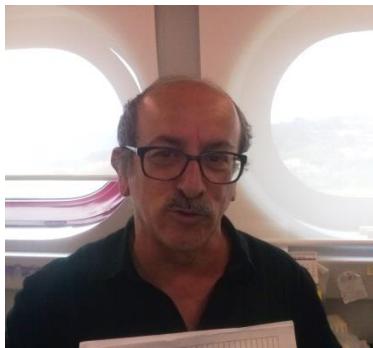
In 2015 the “BALA –Biodiversity of Arthropods from Laurisilva of Azores 2015” Award goes to **François Rigal** (<http://www.gba.uac.pt/quem/ver.php?id=69>).

François Rigal, is a French researcher, who came to the Azores as a Post-Doc in 2010, working within two FCT projects. In the last five years he was an influential researcher in the modelling of BALA databases, contributing also to the writing of the most recent FCT approved project MACDIV. He has published ca. 20 publications on SCI Journals for the GAB-CITA-A/cE3c. François Rigal is currently a researcher in the University of Pau (France).

FERNANDO PEREIRA

“The Azorean Biodiversity Group Engagement” Award - 2015

(This prize is awarded to the person(s) that demonstrate the highest level of commitment to the Group, exceeding their appointed tasks)



In 2015 “The Azorean Biodiversity Group Engagement 2015” Award goes to **Fernando Pereira** (<http://www.gba.uac.pt/quem/ver.php?id=29>).

Fernando Pereira is an Azorean technician and an influential member of Azorean Biodiversity Group. He works in most of the projects coordinated by members of Terceira, dominating all the sampling methods for plants and invertebrates and helping in the management of our natural collections, especially of vascular plants and arthropods. In the field, he is an invaluable collaborator and a precious guide to all the corners of the native vegetation in all the nine islands, or to the more than 200 lava tubes and volcanic pits. Since 2007 he is an author of more than 30 publications, eleven of which in SCI papers. With a unique personality, he is also a friend and a support in the most stressful field situations.

LUÍS M. ARRUDA

The Azorean Biodiversity Group “Science Outreach” Award - 2015

(This prize is awarded to the person(s) that promote science communication and outreach)



In 2015 “The Azorean Biodiversity Group Events/Outreach” Award goes to **Luís M. Arruda**.

Luís M. Arruda is an Azorean scientist, who worked until his retirement in the Faculty of Sciences of the University of Lisbon. He receives this award due to his recent publication

“Scientific Discovery of Azores [Descobrimento científico dos Açores]”. In this book the author presents a detailed description of all the scientific expeditions to the Azores before the Volcanic Eruption of Capelinhos. This book will be a fundamental work for long time since it compiles a large amount of information about the natural history studies and research in the Azores.

Luis M. Arruda was born in Horta (Faial, Azores) in 1944. Doctor of Science with the title of Aggregate from the University of Lisbon, he taught at this University until his voluntary retirement in 2008. He was a researcher at the IMAR – Institute of Marine Research, and a guest researcher at Catholic University of Lisbon. He coordinated the edition of the Azorean Encyclopedia and edited the “Bulletin of the Horta Cultural Nucleus”. He lectured various disciplines and mentored internships, scientific monographs and doctoral projects. His scientific research focused on biology applied to fisheries management, and was later devoted to the study and dissemination of the Azores scientific discovery.

APPENDIX SECTION

DETAILED INFORMATION FOR 2015 PUBLICATIONS IN 2015

INTERNATIONAL PEER REVIEWED PAPERS WITH IMPACT FACTOR (SCI)

BY AT LEAST ONE INTEGRATED MEMBER (N=38)

Alcover, J.A., Pieper H., **Pereira, F.** & Rando J.C. (2015) Five new extinct species of rails (Aves: Gruiformes: Rallidae) from the Macaronesian Islands (North Atlantic Ocean). *Zootaxa*, **4057(2)**, 151-190. DOI:<http://dx.doi.org/10.11646/zootaxa.4057.2.1> (IF2013: 1,06; Q2 Zoology) (P0709)

Aranda, S.C., Hespanhol, H., Homem, N., Borges, P.A.V., Lobo, J.M. & Gabriel, R. (2015) The iterative process of plant species inventorying to obtain reliable biodiversity patterns. *Botanical Journal of the Linnean Society*, **177**, 491-503. DOI:[10.1111/boj.12259](https://doi.org/10.1111/boj.12259). (IF2013: 2,699; Q1 Plant Sciences) (P0528)

Barreiros, J.P. & Fricke, R. (2015) Occurrence of *Diodon eydouxii* (Actinopterygii: Diodontidae), in the Azores and comparison with Pacific specimens. *Acta Ichthyologica et Piscatoria*, **45**, 101-102. (IF2013: 0,691; Q3 Zoology) (P0674)

Barreiros, J.P., Gadig, O.B.F. & Haddad, V.Jr. (2015) In reply to shark attacks and shark diving. *Wilderness & Environmental Medicine*, **26**, 277–278. DOI:[10.1016/j.wem.2014.11.018](https://doi.org/10.1016/j.wem.2014.11.018) (IF2014: 1,196; Q3 Public, Environmental & Occupational Health) (P0705)

Borges, I., Nória, M., Camarinho, R., Rodrigues, A.S. & Soares, A.O. (2015) Characterization of the alimentary canal of the aphidophagous ladybird *Adalia bipunctata* (Coleoptera: Coccinellidae): Anatomical and histological approaches. *Entomological Science*, **18**, 66–73. DOI:[10.1111/ens.12096](https://doi.org/10.1111/ens.12096) (IF2013: 1,116; Q2 Entomology) (P0543)

Brennecke, D., Ferreira E.C., **Costa, T.M.M.**, Appel, D., da Gama, B.A.P. & Lenz, M. (2015) Ingested microplastics (> 100 µm) are translocated to organs of the tropical fiddler crab *Uca rapax*. *Marine Pollution Bulletin*, **96**, 491-495.

DOI:10.1016/j.marpolbul.2015.05.001 (**IF2013 2,793; Q1 Environmental Sciences**)
(P0741)

Calado, H., Braga, A., Moniz, F., **Gil, A.** & Vergílio, M. (2015) Spatial planning and resource use in the Azores. *Mitigation and Adaptation Strategies for Global Change*, **20**, 1079-1095. DOI:10.1007/s11027-013-9519-2 (**IF2013 2,019; Q2 Environmental Sciences**)
(P0556)

Cardoso, P., Rigal, F. & Carvalho, J.C. (2015) BAT - Biodiversity Assessment Tools, an R package for the measurement and estimation of alpha and beta taxon, phylogenetic and functional diversity. *Methods in Ecology and Evolution*, **6**, 232–236. DOI:10.1111/2041-210X.12310 (**IF2013: 5,322; Q1 Ecology**) **(P0636)**

Carvalho, J.C., Cardoso, P., Rigal, F., Triantis, K.A. & Borges, P.A.V. (2015) Modeling directional spatio-temporal processes in island biogeography. *Ecology and Evolution*, **5**, 4671-4682. DOI:10.1002/ece3.1632 (**IF2014: 2,320; Q2 Ecology**) **(P0531)**

Costa, H., Ponte, N.B., Azevedo, E.B. & **Gil, A.** (2015) Fuzzy set theory for predicting the potential distribution and cost-effective monitoring of invasive species. *Ecological Modelling*, **316**, 122-132. DOI:10.1016/j.ecolmodel.2015.07.034 (**IF2013 2,326; Q2 Ecology**) **(P0738)**

Costa, T.M.M. & Soares-Gomes, A. (2015) Secondary production of the fiddler crab Uca rapax from mangrove areas under anthropogenic eutrophication in the Western Atlantic, Brazil. *Marine Pollution Bulletin*, **101(2)**, 533-538. DOI:10.1016/j.marpolbul.2015.10.061 (**IF2014 2,991; Q1 Environmental Sciences**)
(P0762)

Cottee-Jones, H.E.W., **Matthews, T.J.**, Bregman, T., Barua, M., Tamuly, J. & Whittaker, R.J. (2015) Are Protected Areas Required to Maintain Functional Diversity in Human-Modified Landscapes? *PlosOne*, **0123952**, 1-22. DOI:10.1371/journal.pone.0123952 (**IF2013: 3,534; Q1 Multidisciplinary Sciences**) **(P0718)**

Eggermont, H., Balian, E., **Azevedo, J.M.N.**, Breumer, V., Brodin, T., Claudet, J., Fady, B., Grube, M., Keune, H., Lamarque, P., Reuter, K., Smith, M., van Ham, C., Weisser , W.W. & Le Roux, X. (2015) Nature-based solutions: framing an emerging term that may deeply influence future environmental management and research in Europe. *GAIA-Ecological Perspectives for Science and Society*, **4**, 243-248. (**IF2014 1,348; Q3 Environmental Sciences**) **(P0751)**

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- Rego, C., Boieiro, M., Vieira, V. & Borges, P.A.V.** (2015) La biodiversidad de artrópodos terrestres en Azores/The biodiversity of terrestrial arthropods in Azores. Proyecto S.E.A. Ibero Diversidad Entomológica. *Revista IDE@ - SEA*, **5a/5b**, 1-24. Accesible en: <http://www.sea-entomologia.org/ide@/> ISSN:2386-7183 (P0665)
- Vieira, V.** (2015) Notas Acerca da missão entomológica de L. Chopard e A. Mequignon aos Açores (1930), incluindo uma carta inédita de Méquignon ao Dr. Thomaz de Borba Vieira. *Açoreana*, **10(4)**, 703-712. (P0716)

BY ASSOCIATE RESEARCH FELLOWS ONLY (N=2)

Audisio, P., Alonso Zarazaga, M., Slipinski, A., Nilsson, A., Jelínek, J., Taglianti, A., Turco, F., Otero, C., Canepari, C., Kral, D., Liberti, G., Sama, G., Nardi, G., Löbl, I., Horak, J., Kolibac, J., Háva, J., Sapiejewski, M., Jäch, M., Bologna, M., Biondi, M., Nikitsky, N., Mazzoldi, P., Zahradník, P., Wegrzynowicz, P., Constantin, R., Gerstmeier, R., Zhantiev, R., **Fattorini, S.**, Tomaszewska, W., Rücker, W., Vazquez-Albalate, X., Cassola, F., Angelini, F., Johnson, C., Schawaller, W., Regalin, R., Baviera, C., Rocchi, S., Cianferoni, F., Beenen, R., Schmitt, M., Sassi, D., Kippenberg, H., Zampetti, M., Trizzino, M., Chiari, S., Carpaneto, G., Sabatelli, S. & de Jong, Y. (2015) Fauna Europaea: Coleoptera 2 (excl. series Elateriformia, Scarabaeiformia, Staphyliniformia and superfamily Curculionoidea). *Biodiversity Data Journal*, **3**, e4750. (P0773)

Carpaneto, G.M., Baviera, C., Biscaccianti, A.B., Brandmayr, P., Mazzei, A., Mason, F., Battistoni, A., Teofili, C., Rondinini, C., **Fattorini, S.** & Audisio, P. (2015) A Red List of Italian Saproxylic Beetles: taxonomic overview, ecological features and conservation issues (Coleoptera). *Fragmenta Entomologica*, **47(2)**, 53-126. (P0783)

PAPERS ON PROCEEDINGS OF SYMPOSIA

BY AT LEAST ONE INTEGRATED MEMBER (N=6)

Gil, A. & Abadi, M. (2015) Using Very High Resolution Satellite Imagery for Land Cover

Mapping in Pico da Vara Nature Reserve (S. Miguel Island, Archipelago of the Azores, Portugal). *Proceedings of the 2015 IEEE International Geoscience and Remote Sensing Symposium (IGARSS)*, Milan, Italy, 3329-3332. DOI:10.1109/IGARSS.2015.7326531 **(P0765)**

Duarte, S., Duarte, M., **Borges, P.A.V. & Nunes, L.S.** (2015) Effects of geographical and dietary variation on the symbiotic flagellate protists communities of the subterranean termite *Reticulitermes grassei* Clément. *Proceedings IRG Annual Meeting*, Viña del Mar, Chile, 1-10. **(P0715)**

Humar, M., Brischke, C., Meyer, L., Lesar, B., Thaler, N., Jones, D., Bardage,S. , Belloncle, C., Van den Bulcke,J., Abascal, J. M., Alfredsen, G., Baisch,D., Brunnhuber, B., Cofta, G., Grodås, E., Hansson, E. F., Irle, M., Kallakas, H., Kers, J., Klamer, M., Breliid, P. L., Maider, A.B., Mahnert, K. C., Melcher, E., Möller, R., Noël, M., **Nunes. L.**, Ormondroyd, G.A., Palanti, S., Pfabigan, N., Pilgård, A., Rapp, A.O., Schumacher, P., Suttie, E., Teppand, T., Touza, M. & Van Acker J. (2015) Introduction of the COST FP1303 Cooperative Performance Test. *Proceedings IRG Annual Meeting, IRG/WP 15-20567*, Viña del Mar, Chile, 22 pp. **(P0746)**

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Esteves, B., Ribeiro, F., Cruz-Lopes, L., Ferreira, J., Domingos, I., **Nunes, L.** (2015) Set-recovery of heat treated maritime pine wood prior and after compression. *Proceedings of the 8th European Conference on Wood Modification*, Helsinki, Finland, 124-127. **(P0780)**

Neilson, A.L., Pato, C.B., **Gabriel, R., Arroz, A.M., Mendonça, E. & Picanço, A.** (2015) Speaking of the Sea in the Azores Islands: We sometimes went for Lapas. *Proceedings of the 1st International Conference of the UNESCO Chair in Intangible Heritage and Traditional Know-How: Linking Heritage*, Évora, Portugal, 116-119. **(P0756)**

EDUCATION AND OUTREACH PUBLICATIONS

BY AT LEAST ONE INTEGRATED MEMBER (N=2)

- Borges, P.A.V., Cardoso, P., Amorim, I.R., Pereira, F.,** Constâncio, J.P., Nunes, J.C., Barcelos, P., Costa, P. & **Gabriel, R.** (2015) Valoração das cavidades vulcânicas dos Açores para conservação da sua fauna troglóbia. *Pingo de lava*, **38**, 73-76. (**P0749**)
- Haddad Jr., V. & **Barreiros, J.P.** (2015) Animais aquáticos venenosos e perigosos da Europa, com ênfase em Portugal Continental e Ilhas. *Atlântida*, **60**, 1-10. (**P0755**)

OTHER TYPE OF PUBLICATIONS

BY AT LEAST ONE INTEGRATED MEMBER (N=5)

- Ah-Peng, C., Flores, O., Strasberg, D., Magnin, H., **Gabriel, R.**, Meyer, J.-Y., González-Mancebo, J. M., Bardat, J., Lequette, B., Lavocat, L., Hedderson, T., Kessler, M. & Kluge, J. (2015) MOVECLIM - Montane vegetation as listening posts for climate change. Final report. Université de La Réunion, Saint-Pierre, La Réunion, 33 pp. (**P0785**)

- Arroz, A.M., Gabriel, R., Amorim, I.R., Ferreira, M.T., Carvalho, A. & Borges, P. A. V.** (2015) Resultados do World Café: Estratégias para a Conservação da Natureza nos Açores. Conservação da Natureza nos Açores: Informar a estratégia para o horizonte 2015-2020 a partir de resultados de investigação. Universidade dos Açores, Dep. de Ciências Agrárias, Angra do Heroísmo, 22 pp. (**P0745**)

- Gabriel, R.** (2015) MOVECLIM - Montane vegetation as listening posts for climate change. Relatório Técnico Final. Grupo da Biodiversidade dos Açores – cE3c, Universidade dos Açores, Angra do Heroísmo, 33 pp. (**P0786**)

- Gabriel, R., Silva, F.J.F. & Pavão, M.L.** (2015) Avaliação do desempenho dos docentes da Universidade dos Açores: período de 2011-2013. Estudo analítico. Universidade dos Açores, Angra do Heroísmo, Horta e Ponta Delgada, 148 pp. (**P0784**)

- Guerreiro, O. & Borges, P.A.V.** (2015) Monitorização da espécie de térmita de madeira seca *C. brevis* no arquipélago dos Açores (2010-2014). Universidade dos Açores, Dep. de Ciências Agrárias, Angra do Heroísmo, 26 pp. (**P0747**)

PROJECTS RUNNING in 2015 or approved in 2015 and starting in 2016

INTERNATIONAL PROJECTS

Proposed by Azorean Biodiversity Group researchers as PI or team members

1) NETBIOME – EUROPE – FCT NETBIOME/0003/2011: ISLAND-BIODIV

ISLAND-BIODIV: Understanding biodiversity dynamics in tropical and subtropical islands as an aid to science based conservation action (2012-2015).

Coordinator: Brent Emerson (Instituto de Productos Naturales y Agrobiología (IPNA-CSIC), Tenerife, Canary Islands, Spain).

Members: Paulo Borges, Rui B. Elias (CITA-A – Azorean Biodiversity Group, Portugal); Pedro Oromí, José María Fernández-Palacios (Univ. de La Laguna, Canaries, Spain); Dominique Strasberg (Université de La Réunion, Réunion, France); Christophe Thébaud (Université Paul Sabatier (Toulouse 3), France); Juli Caujapé-Castells (Jardín Botánico Canario “Viera y Clavijo” – Unidad Asociada CSIC, Spain).

Coordinator in Portugal: Paulo Borges (Azorean Biodiversity Group – Univ Azores)

Members: Rui B. Elias, António Onofre Soares, Pedro Cardoso, Carla Rego, José Marcelino, Isabel R. Amorim, Fernando Pereira (added recently: Rui Nunes, Maria Teresa Ferreira).

Grant Student: Rui Carvalho.

Budget for the ABG: 61.044,00€.

2) NETBIOME – EUROPE – DRCTC: MOVECLIM

MOVECLIM: Montane vegetation as listening posts for climate change (2012-2015).

Coordinator: Claudine Ah-Peng (University of La Réunion).

Members: Rosalina Gabriel (Azorean Biodiversity Group – Univ Azores); Magnin Hervé (Parc national de la Guadeloupe); Jean-Yves Meyer (Délégation à la Recherche, Gouvernement de Polynésie Française Research Department, Government of French Polynesia); Juana María

González-Mancebo (University of La Laguna, Department of Botany); Jacques Bardat (Muséum National d'Histoire Naturelle); Benoît Lequette (Parc National de La Réunion); Lisa Lavocat (Conservatoire Botanique National de Guadeloupe); Terry Hedderson (University of Cape Town, Botany Department); Michael Kessler (University of Zürich); Juergen Kluge (University of Marburg); Min Chuah-Petiot (Universiti Sains Malaysia).

Coordinator in Portugal: Rosalina Gabriel (Azorean Biodiversity Group – Univ Azores).

Portuguese team: Márcia Coelho, Débora Henriques, Silvia Calvo Aranda, Fernando Pereira; Rui Elias.

Budget for the ABG: 70.000,00€.

3) COST PROJECT 2012-1-12550 - EUROPEAN INFORMATION SYSTEM FOR ALIEN SPECIES (2013-2016)

Coordinator: Helen Roy (NERC Centre for Ecology & Hydrology (U.K.).

Members Azorean Biodiversity Group: Paulo Borges, António Onofre Soares, Rui B. Elias, Isabel Borges, Artur Gil.

4) (ODOEVO2011). ANCIENT RESPONSES TO NEW CHALLENGES: ECOLOGY AND EVOLUTION OF THE ODONATA (2013-2016).

Principal investigator: Professor Adolfo Cordero Rivera.

International team: Adolfo Cordero Rivera, Alejandro Córdoba Aguilar, Chris Beatty, Carlos Esquivel, Chris Hassall, Carlo Utzeri, Haomiao Zhang, Ivette Galicia Mendoza, María Calviño Cancela, new FPI student; hired PhD, Pere Luque, Phill Watts, Rosa Ana Sánchez Guillén, Robby Stoks, Tom Sherratt, Virgilio Vieira.

Institutions involved: Universidad de Vigo (Spain), Università la Sapienza di Roma (Italy), Universidade dos Açores (Portugal), Consorci del Museu Comarcal del Montsia (Spain), University of Liverpool (UK), Universidad San Francisco de Quito (Ecuador), South China Agricultural University (China), Universidad Autónoma de México (Mexico), University of Carleton (Canada), Universidad Nacional de Costa Rica (Costa Rica) and Université catholique de Louvain (Belgium).

Funding: 152.000,00 Euro by Ministerio de Ciencia e Innovación/Gobierno de España.

Members: Virgilio Vieira.

5) LIFE- PROJECT (LIFE12 BIO7PT/000110). RESTAURO ECOLÓGICO E CONSERVAÇÃO DA INFRA-ESTRUTURA VERDE HÚMIDA COSTEIRA DA PRAIA DA VITÓRIA (LIFE-CWR) (2013-2017)

This project was proposed by the Mayor of Praia da Vitória.

Coordinators of arthropod and bryophyte studies: Paulo Borges, Rosalina Gabriel (Azorean Biodiversity Group).

Budget for the ABG: 24.000,00€.

6) UNITED NATIONS UNIVERSITY - RCE-AZORES, UNESCO RESEARCH CENTRE OF EXPERTISE (2009-2020)

Coordinator: Alison L. Neilson.

Members: Rosalina Gabriel, Ana Moura Arroz, Enésima Mendonça, Paulo Borges, Ana Simões and Fernando Pereira.

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: 22.950,00€.

7) IUCN- IUCN MID-ATLANTIC ISLAND INVERTEBRATES SPECIALIST GROUP (2015-2020)

Coordinators: Vicky Kindemba, Paulo A. V. Borges

Group members: Carla Rego, Mário Boieiro, Pedro Cardoso, Virgílio Vieira, Isabel Amorim, Rosalina Gabriel, Ana M. Arroz, Simone Fattorini

8) IUCN - SPIDER AND SCORPION SPECIALIST GROUP (2014-2020)

Coordinator: Pedro Cardoso

Group members: Paulo Borges; Enésima Mendonça

9) 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 (2014-2018)

Funding Institution: National Commission for Science & Technology (CONICYT), Government of Chile. FONDECYT 1140662

Coordinator in Azores: António Onofre Soares

Budget:

Participation or collaboration of the Azorean Biodiversity Group in projects proposed by other Institutions

10) ISLANDS - COMMUNITY ASSEMBLY ON REMOTE ISLANDS: DOES THE EQUILIBRIUM THEORY APPLY? – (2012-2015)

This is an International consortium research group implemented by French CESAB - Center for Synthesis analysis of biodiversity. It includes 14 international Researchers, where three of them are either integrated members (P.A.V. Borges) or collaborators (K. Triantis, R. Whittaker) of Azorean Biodiversity Group.

Budget for the ABG: 3.500,00€.

11) BIODYNAMIC ISLAND GROUP (BIG) - 14 EXPERTS IN ISLAND BIOGEOGRAPHY

Coordinator: Michael Borregaard and Robert Whittaker (based at the University of Oxford, UK).

Members: Paulo A. V. Borges, François Rigal, Tom Matthews, Kostas A. Triantis and Isabel Amorim.

Budget for the ABG: 5.000,00€.

12) BEST III - MEASURES TOWARDS SUSTAINING THE BEST PREPARATORY ACTION TO PROMOTE THE CONSERVATION AND SUSTAINABLE USE OF BIODIVERSITY AND

ECOSYSTEM SERVICES IN EU OUTERMOST REGIONS AND OVERSEAS COUNTRIES AND TERRITORIES

Funding Institution: European Commission, Directorate-General Environment, Directorate B - Nature, Biodiversity and Land Use Unit B2 – Biodiversity. Call for tenders ENV.B.2/SER/2013/0020

Coordinator: José Manuel Azevedo.

Budget: None for Azorean Biodiversity Group

NOTE: This project is leaded by Fundo Regional da Ciência e Tecnologia (FRCT).

Azorean Biodiversity Group participation is based on the contribution of José Manuel Azevedo, the access to biodiversity data on species distribution from ABG biodiversity databases (ATLANTIS database) and workshop participation of several ABG researchers.

13) ECOSUBVEG - CHANGES IN SUBMERSED VEGETATION: ASSESSING LOSS IN ECOSYSTEMS SERVICES FRONDOSE TO DEPAUPERATE SYSTEMS DOMINATED BY OPPORTUNISTIC VEGETATION (2013-2016)

Funding Institution: Voluntary Scheme for Biodiversity and Ecosystem Services in Territories of the EU Outermost Regions and Overseas Countries and Territories (BEST 07.032700/2012/635752/SUB/B2).

Coordinators: Fernando Tuya, Universidad de Las Palmas de Gran Canaria (ULPGC), Gran Canaria, Spain-

Coordinator in Azores: Ana Isabel Neto

Group members: José M.Azevedo, Gustavo Martins, Afonso Prestes, Cláudia Lopes,

14) NETBIOME-CSA - STRENGTHENING EUROPEAN RESEARCH COOPERATION FOR SMART AND SUSTAINABLE MANAGEMENT OF TROPICAL AND SUBTROPICAL BIODIVERSITY IN OUTERMOST REGIONS AND OVERSEAS COUNTRIES AND TERRITORIES (2013-2016)

Funding Institution: European Commission (FP7), Coordination and support action, FP7ENV-2013.

Coordinator: José Manuel Azevedo.

Budget: None for Azorean Biodiversity Group

NOTE: This project is leaded by Fundo Regional da Ciência e Tecnologia (FRCT).

Azorean Biodiversity Group participation is based on the contribution of José Manuel Azevedo, and workshop participation of several ABG researchers.

Funded by FCT (Portuguese Science Foundation)

Proposed by Azorean Biodiversity Group researchers as PI or team members

1) PTDC/BIA-BIC/119255/2010 – “BIODIVERSITY ON OCEANIC ISLANDS: TOWARDS A UNIFIED THEORY” (2012-2015)

Coordinators: Paulo A. V. Borges and Kostas Triantis.

Other participants from ABG: Ana Margarida Santos, Pedro Cardoso and François Rigal (Post-Doc of the Project).

Other participants from other Institutions: Manuel Sapage (Univ of Lisbon, CBA); Robert Whittaker (Biodiversity Research Group, Oxford University Centre for the Environment, U.K.) and Aris Parmakelis (Department of Ecology and Taxonomy, Faculty of Biology, National & Kapdistrian University of Athens, Greece).

Project's consultants: Brent Emerson, John Halley, Joaquin Hortal, Richard Ladle, Luis António and Borda Água.

Projects Collaborators: Isabel R. Amorim, Miguel Ferreira and James Rosindell.

Budget for the ABG: 99.000,00€.

2) FCT-PTDC/BIABIC/0054/2014– MACDIV “MACARONESIAN ISLANDS AS A TESTING GROUND TO ASSESS BIODIVERSITY DRIVERS AT MULTIPLE SCALES” (2016-2018)

Coordinators: Paulo A. V. Borges and François Rigal.

Other participants from ABG: Pedro Cardoso (Finnish Museum of Natural History, Univ. Helsinki, Helsinki, Finland); Isabel Amorim, Mário Boieiro and José Carlos Carvalho.

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 (Departament de Biología Animal, Universitat de Barcelona, Barcelona, Spain).

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€.

3) FCT- PTDC/BIA-BIC/1013/2014 – 2GETHER “THREATENED SPECIALIZED INTERACTIONS ENDEMIC TO A BIODIVERSITY HOTSPOT” (2016-2018)

Coordinator: Mário Boieiro.

Other participants from ABG: Paulo A.V. Borges, Carla Rego, Fernando Pereira, 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€ for FGF).

4) FCT- PTDC/BIA-BIC/5558/2014– MOMENTOS “SPATIAL SCALING OF SPECIES DIVERSITY” (2016-2018)

Coordinator: Luis Borda-de-Água (CIBIO).

Other participants from ABG: Paulo A.V. Borges; Pedro Cardoso (Finnish Museum of Natural History, Univ. Helsinki, Helsinki, Finland).

Other participants from other Institutions: Henrique Pereira (Biodiversity Conservation, iDiv, Leipzig).

Budget for the ABG: 7.290,00€ of a total of 98.574,00€.

5) FCT- PTDC/EPH_PAT/4684/2014 – DB-HERITAGE, “BASE DE DADOS DE MATERIAIS DE CONSTRUÇÃO COM INTERESSE HISTÓRICO E PATRIMONIAL” (2016-2018)

Coordinator: António Santos Silva (LNEC).

Other participants from ABG: Lina Nunes.

6) FCT- AZORES BIOPORTAL - PORBIOTA – (2016-2020)

Coordinator: Paulo A. V. Borges

Other participants from ABG: Rosalina Gabriel, Ana M. Arroz, Isabel Amorim, A, Onofre Soares, Enésima Mendonça, Rui B. Elias, Pedro Cardoso.

Budget for the ABG: 186.160,00€.

Participation or collaboration of the Azorean Biodiversity Group in projects proposed by other Institutions

7) PTDC/MAR-EST/2160/2012 – “BUS - URBAN STRUCTURES: A DRIVER OF BIODIVERSITY CHANGE IN COASTAL ECOSYSTEMS?” (2012-2015)

Project proposed within CIMAR-Porto

Coordinators: Ana Isabel Neto.

Other participants from ABG: José M. Azevedo, Gustavo Martins, Eva Cacabelos, Afonso Prestes.

Funded by DRCT (Azorean Science Foundation)

Proposed by Azorean Biodiversity Group researchers as PI or team members

1) DRCTC- M212/I/039/2011 - BIODIVERSITY ECONOMIC VALUATION OF ENDEMIC SPECIES (BIOECOVALES) (2012-2015)

Coordinator: Tomaz P. Dentinho.

Members: Rosalina Gabriel.

Budget for the ABG: 67.000,00€.

2) DRCTC- M2.1.2/I/005/2011 - IMPLICATIONS OF CLIMATE CHANGE FOR AZOREAN BIODIVERSITY - IMPACTBIO (2012-2015)

Coordinator: Rui B. Elias.

Members: Paulo A. V. Borges, Rosalina Gabriel, Silvia Calvo, Pedro Cardoso and Maria Teresa Ferreira.

Budget for the ABG: 67.000,00€.

3) DRCTC- M2.1.2/I/008/2011 - BIOMONITORING AIR POLLUTION: DEVELOPMENT OF AN INTEGRATED SYSTEM - BIOAIR (2012-2015)

Coordinator: Armindo Rodrigues.

Members: Patrícia Garcia.

Budget for the ABG: 67.000,00€.

4) DRCTC- M2.1.2/I/027/2011 - MAPPING COASTAL AND MARINE BIODIVERSITY OF THE AZORES - ATLANTIS-MAR (2012-2015)

Coordinator: Paulo A. V. Borges.

Members: Enésima Mendonça, Pedro Cardoso, João Pedro Barreiros, Rosalina Gabriel and Rui Elias.

Budget for the ABG: 67.000,00€.

Participation or collaboration of Azorean Biodiversity Group in projects proposed by other Institutions

5) DRCTC-M2.1.2/F/004/2011 SEA - STOCK EVALUATION OF ABALONE: TOWARDS A SUSTAINABLE FISHERY

Project proposed within CIMAR-Porto

Coordinator: Gustavo Martins.

Members: Afonso Prestes, Nuno Alvaro, Ana Isabel Neto

Budget for the ABG: 67.000,00€.

Other Funding Institutions

Proposed by Azorean Biodiversity Group researchers as PI or team members

1) EDP – BIODIVERSITY PORTUGAL - “BIODIVERSIDADE, ENDEMISMOS E ESPÉCIES PROTEGIDAS ASSOCIADAS ÀS LAGOAS E CURSOS DE ÁGUA DA SERRA DA ESTRELA: VALORIZAÇÃO DE UM SÉCULO DE APROVEITAMENTO HIDROELÉCTRICO” (2012-2015)

Coordinator: Artur R. M. Serrano; CBA- Lisbon.

Members: Paulo Borges, Carla Rego and Pedro Cardoso.

Budget for the ABG: 5.000€

2) MONITORING WOOD INSECT PESTS IN THE PALACES OF AZORES (2014-2016)

Funded by Azorean Government (Minister of Tourism and Transports).

Coordinator: Paulo A. V, Borges.

Members: Orlando Guerreiro.

Budget for the ABG: 77.000,00€.

3) CONTROL OF THE TERMITE *TERCULITERMES FLAVIPES* IN PRAIA DA VITÓRIA (TERCEIRA) (2014-2017)

Funded by Mayor of Praia da Vitória and DRAM – Azores.

Coordinator: Paulo A. V, Borges.

Members: Lina Nunes and Orlando Guerreiro.

Budget for the ABG: 50.000,00€.

4) PICA; PROJETO INVESTIGAÇÃO PARA COMBATE A AFÍDEOS EM VIVEIROS FLORESTAIS: UTILIZAÇÃO DE AGENTES DE CONTROLO BIOLÓGICO PARA O COMBATE A POPULAÇÕES DE AFÍDEOS EM PLANTAS ENDÉMICAS PRODUZIDAS EM VIVEIRO (2013-2016)

(PICA, Research Project to fight Aphids in Forest Nurseries: Use of biological control agents to fight endemic populations of aphids on plants grown in nurseries) (2013-2016).

Funded by Secretaria Regional dos Recursos Naturais (Direção Regional dos Recursos Florestais).

Coordinator: António Onofre Soares.

Members: Isabel Borges, Marta Costa, Carina Nóbrega and Catarina Quintela.

Budget for the ABG: 10.403,75€.

5) "MONITORIZAÇÃO DA ESPÉCIE *C. BREVIS* NO ARquipélago DOS AÇORES (YEARS 2014-2015)

Direcção Regional do Ambiente (Secretaria Regional dos Recursos Naturais).

Coordinator: Paulo Borges.

Members: Orlando Guerreiro.

Budget for the ABG: 12.100,00€.

6) LONG TERM ECOLOGICAL STUDY OF THE IMPACTS OF CLIMATE CHANGE IN THE NATURAL FOREST OF AZORES (YEAR 2012-2017)

Coordinator: Paulo Borges.

Members: Rui Nunes and Rui Carvalho.

Budget for the ABG: NETBIOME_ISLANBIODIV and Student Grants from EU Eurodyssee Project and EU -ERASMUS Training.

Partners: Natural Parks of Santa Maria, Terceira, Faial, Pico, Flores, Graciosa, SPEA, the Botanical Garden of Faial and the Furnas Monitoring and Research Centre.

7) 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)” (2015-2019)

Funded by DRAM – Azores.

Coordinator: Paulo A. V. Borges.

Members: Lina Nunes and Orlando Guerreiro.

Budget for the ABG in 2015: 14.950,00€.

8) DRAM- DIRECÇÃO REGIONAL DO AMBIENTE (SECRETARIA REGIONAL DA AGRICULTURA E AMBIENTE) “CONTROL AND ERRADICATION PLAN FOR OF THE DRYWWOD TERMITE *CRYPTOTERMES BREVIS* IN AZORES” (2015-2020)

Funded by DRAM – Azores.

Coordinator: Paulo A. V. Borges.

Members: Lina Nunes and Orlando Guerreiro.

Budget for the ABG in 2015: 29.994,00€.

Participation or collaboration of the Azorean Biodiversity Group in projects proposed by other Institutions

9) GESTAQUA-DESENVOLVIMENTO DE METODOLOGIAS PARA A RECUPERAÇÃO E MELHORIA DE GESTÃO DE ECOSISTEMAS AQUÁTICOS INSULARES NO ÂMBITO DA IMPLEMENTAÇÃO DA DIRETIVA QUADRO DA ÁGUA

Funded by DRAM – Azores.

Coordinator: CIBIO Azores.

Members: Jose M. Azevedo.

Budget for the ABG:

PUBLISHED ABSTRACTS IN CONFERENCES

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Complete Reference	Authors connected to cE3c	Foreigner authors and institutions
Santos, Ana M. C., Mário Boieiro, Jorge M. Lobo, Ana Farinha, Pedro Cardoso, Isabel R. Amorim, Carlos A. S. Aguiar, Paulo A. V. Borges, Fernando Pereira, Carla Rego, Israel Silva & Artur R. M. Serrano (2015). Multi-scale environmental and land use effects on the local diversity of ground beetle assemblages (Coleoptera: Carabidae) of Madeira Island Laurisilva. 4º Congresso Ibérico de Ecologia, Coimbra, Portugal, 16 -19 July 2015.	Carla Rego, Mário Boieiro, Artur Serrano, Isabel R. Amorim, Paulo A. V. Borges & Fernando Pereira	Jorge M. Lobo, Department of Biogeography and Global Change, Museo Nacional de Ciencias Naturales (MNCN-CSIC), Madrid, Spain
Steinbauer, M.J., Field, R., Grytnes, J.-A., Trigas, P., Ah-Peng, C., Attorre, F., Birks, H.J.B., Borges, P.A.V., Cardoso, P., Chou, C-H., Sanctis, M. De, Duarte, M.C., Elias, R.B., Fernández-Palacios, J.M., Gabriel, R., Gereau, R., Gillespie, R.G., Greimler, J., Harter, D.E.V., Huang, T-J., Irl, S.D.H., Jeanmonod, D., Jentsch, A., Jump, A.S., Kueffer, C., Nogué, S., Otto, R., Price, J., Romeiras, M.M., Strasberg, D., Stuessy, T., Vetaas, O.R., Beierkuhnlein, C. (2015). Topography-driven ecological isolation, speciation and global plant biodiversity. In: Seventh Biennial Meeting of the International Biogeography Society, University of Bayreuth, Germany, 8-12 January 2015. pp. 56-57.	Borges, P.A.V., Cardoso, P., Elias, R.B. & Gabriel, R.	Steinbauer, M.J. (University of Bayreuth); Field, R. (University of Nottingham); Grytnes, J.-A.,(University of Bergen); Trigas, P. (University of Athens); Ah-Peng, C. Université de La Réunion); Attorre, F. (University of Rome); Birks, H.J.B. (University of Bergen); Chou, C-H. (China Medical University); Sanctis, M. De (University of Rome); Fernández-Palacios, J.M. (Universidad de La Laguna); Gereau, R. (Missouri Botanical Garden); Gillespie, R.G. (University of California Berkeley); Greimler, J. (University of Vienna); Harter, D.E.V. (University of Bayreuth); Huang, T-J. (China Medical University); Irl, S.D.H. (University of Bayreuth); Jeanmonod, D. (Université de Genève); Jentsch, A. (University of Bayreuth); Jump, A.S. (University of Stirling); Kueffer, C. (ETH Zürich); Nogué, S. (University of Oxford); Otto, R. (Universidad de La Laguna); Price, J. (University of Hawai'i at Hilo); Strasberg, D. (Université de La Réunion); Stuessy, T. (The Ohio State University); Vetaas, O.R. (University of Bergen); Beierkuhnlein, C. (University of Bayreuth)
Terzopoulou, S., Rigal, F., Whittaker, R.J., Borges, P.A.V. & Triantis, K.A (2015). Drivers of Extinction: The case of Azorean beetles. In: Seventh Biennial Meeting of the International Biogeography Society, University of Bayreuth, Germany, 8-12 January 2015. pp. 161-161.	Rigal, F., Borges, P.A.V. & Triantis, K.A	Whittaker, R.J. (Univ of Oxford, U.K.)
Teves, L.T. & Xavier, E., 2015. Investigação Aplicada nos Açores - O caso da Algicel. Blue Business Forum, Lisbon, Portugal 4-6 June.	Xavier, E.	none
Vale M, Neto Al, Martins GM & Hawkins SJ, 2015. Evidence of long-term changes in the distribution of intertidal species. 50th European Marine Biology Symposium, Abstract Book p. 30, Helgoland, Germany, 21-25 September.	Vale, M., Neto, A.I. & Martins, G.M.	Hawkins, S.J. (University of Southampton)

Complete Reference	Authors connected to cE3c	Foreigner authors and institutions
Vale, M, Neto, Al, Hawkins, SJ & Martins, GM, 2015. How do intertidal communities respond to changes in environmental conditions? Aquatic Biodiversity & Ecosystems Conference, Abstract Book, p. 73, Liverpool, UK, 30 Agosto– 4 Setembro	Vale, M., Neto, A.I. & Martins, G.M.	Hawkins, S.J. (University of Southampton)
Vale, M, Neto, Al, Hawkins, SJ & Martins, GM, 2015. Temporal variation in reproductive phenology of <i>Patella</i> spp.: past and present. Aquatic Biodiversity & Ecosystems Conference, Abstract Book, p. 312 Liverpool, UK, 30 Agosto– 4 Setembro	Vale, M., Neto, A.I. & Martins, G.M.	Hawkins, S.J. (University of Southampton)

SCIENTIFIC MEETINGS PARTICIPTION

Meeting	Local & Date	Presentation	Title	Authors (cE3c Members underlined)
1st cE3c Annual Meeting – Frontiers in E2	Lisboa, Portugal, 19-20 June 2014	Poster Communication	The productivity of the azorean pastures benefits from the indigenous arbuscular mycorrhizal fungi (AMF)	Melo, CD; Jaizme-vega, MC; Cabrera Pérez, R; <u>Borges, PAV</u> and Freitas, H
	Lisboa, Portugal, 19-20 June 2015	Poster Communication	Global patterns of diversification on oceanic islands	Rigal, F., Amorim, I.R., Santos, A.M.C., Triantis, K.A., Whittaker, R.J., Borda-de-Água, L., Hortal, J., Emerson, B.C., <u>Borges, P.A.V.</u> & Parmakelis, A.
	Lisboa, Portugal, 19-20 June 2015	Oral Communication	Using Species Abundance Distribution Models for Biogeographical Analyses	<u>Borges, P.A.V.</u> , Matthews, T., Cardoso, P., Casquet, J., Thébaud, C., Elias, R.B., Fernández-Palacios, J., Strasberg, D., López, H., Oromí, P., Emerson, B
1st International Caparica Conference on Pollutant Toxic Ions and Molecules	Caparica, Portugal, 2-4 November 2015	Invited oral Communication	Chronic exposure to non-eruptive volcanogenic air pollution as cause of lung injury	<u>P. Garcia</u>
3rd International Symposium on Effects of Climate Change on the World's Oceans	Santos, Brasil, 12-27 March 2015	Poster Communication	Marine assemblages on natural shores and coastal defence structures	Cacabelos, E., Martins, G.M. Thompson, R., Prestes, A., Azevedo, J.M.N. & Neto, A.I.
50th European Marine Biology Symposium	Helgoland, Germany, 21-25 September 2015	Oral Communication	Evidence of long-term changes in the distribution of intertidal species	<u>Vale M. Neto, A.I., Martins, G.M.</u> & Hawkins SJ
6th International Conference on Medical Geology (MedGeo2015)	Aveiro, Portugal, 26 August 1 September 2015	Oral Communication	Cytogenetic damage in oral epithelial cells of individuals chronically exposed to indoor radon in a hydrothermal area	Linhares D., <u>Garcia P.</u> , Silva C., Ferreira T., Joana Barroso J., Camarinho R., Rodrigues AR.
	Aveiro, Portugal, 26 August-1 September 2015	Oral Communication	Iodine environmental bioavailability and human intake in oceanic Islands	Linhares D.P., <u>Garcia P.V.</u> , Almada A., Ferreira T., Queiroz G., Cruz J.V. & Rodrigues A.S.

Meeting	Local & Date	Presentation	Title	Authors (cE3c Members underlined)
	Aveiro, Portugal, 26 August-1 September 2015	Oral Communication	Testicular damage in mice from organic and conventional farms in a volcanic region	<u>Parelho, C.</u> , Rodrigues, A., Bernardo, F., <u>Garcia, P.</u>
7th Biennial Conference of the International Biogeography Society (IBBS)	Bayreuth, Germany, 8-12 January 2015	Poster Communication with Oral Communication	Bryophytes across elevation gradients in islands: Variation in community structure at different spatial scales	<u>Gabriel, R.</u> , Bardat, J., Flores, O., Gonzalez-Mancebo, J., Hedderson, T., Strasberg, D., Aranda, S. C., <u>Coelho, M.</u> , Henriques, D., Hernandez-Hernandez, R., Lovanomanjanahary, M., Wilding, N. & Ah-Peng, C.
8th Congress of the International Symbiosis Society	Lisbon, Portugal, 12-18 July 2015	Oral Communication	Effects of starvation in <i>Reticulitermes grassei</i> symbiotic flagellate protists community	<u>Duarte, S.</u> , Nobre, T., <u>Borges, P.A.V.</u> & <u>Nunes, L.</u>
	Lisbon, Portugal, 12-18 July 2016	Poster Communication	Flagellate protists of termites. Model display in the session "Teaching symbiosis: look at successful strategies"	<u>Duarte, S.</u> & <u>Nunes, L.</u>
8th European Conference on Wood Modification	Helsinki, Finland, 26-27 October 2015	Oral Communication	Life cycle assessment as a tool to promote sustainable thermowood boards: a Portuguese case study	Ferreira, J., Esteves, B., <u>Nunes, L.</u> & Domingos, I.
	Helsinki, Finland, 26-27 October 2016	Poster Communication	Set-recovery of heat treated maritime pine wood prior and after compression	Esteves, B., Ribeiro, F., Cruz-Lopes, L., Ferreira, J., Domingos, I., <u>Nunes, L.</u>
Aquaculture Europe 2015	Rotterdam, Netherlands, 20-23 October 2015	Oral Communication	Experimental in vitro cultivation of <i>Halopteris scoparia</i> (Heterokontophyta, Phaeophyceae)	<u>Patarra, R.F.</u> , Carreiro, A., Lloveras, A., Abreu, M.H., Buschmann, A.H. & <u>Neto, A.I.</u>
Aquatic Biodiversity and Ecosystems	Liverpool, UK, 31 Aug-3Sep 2015	Oral Communication	Dispersal and connectivity of limpets in the Azores (NE Atlantic)	<u>Faria J.</u> , Pita A, <u>Martins, G.M.</u> , Presa, P., Hawkins SJ, Ribeiro P & <u>Neto, A.I.</u>
	Liverpool, UK, 31 Aug-3Sep, 2015	Poster Communication	Habitat slope, cause of differences in epibiota at artificial structures?	<u>Cacabelos, E.</u> , <u>Martins, G.M.</u> , Thompson, R., <u>Prestes, A.C.L.</u> , <u>Faria J.</u> , <u>Azevedo, J.M.N.</u> & <u>Neto, A.I.</u>

Meeting	Local & Date	Presentation	Title	Authors (cE3c Members underlined)
Liverpool, UK, 31 Aug-3Sep, 2015	Liverpool, UK, 31 Aug-3Sep, 2015	Oral Communication	How do intertidal communities respond to changes in environmental conditions?	Vale, M, Neto, A.I., Hawkins, SJ & <u>Martins, G.M.</u>
	Liverpool, UK, 31 Aug-3Sep, 2015	Oral Communication	Interplay between dispersal ability, habitat isolation and size mediates responses to habitat-loss	Matias MG, Moniz I, <u>Neto, A.I.</u> , Jenkins SR & <u>Martins, G.M.</u>
	Liverpool, UK, 31 Aug-3Sep, 2015	Poster Communication	Limited bottom-up effects: changes in the structure and functioning of ecosystems dominated by frondose brown algae and filamentous mats on shallow rocky bottoms of the Azores	Hipólito C, Martins, G.M., Prestes ACL, Dionísio MA, <u>Azevedo, J.M.N.</u> & <u>Neto, A.I.</u>
	Liverpool, UK, 31 Aug-3Sep, 2015	Poster Communication	Metal concentration in the edible abalone <i>Haliotis tuberculata</i> Linnaeus from the Azores.	<u>Martins, G.M.</u> , Prestes, A.C.L., <u>Neto, A.I.</u> , <u>Azevedo, J.M.N.</u> , & Rodrigues A
	Liverpool, UK, 31 Aug-3 September 2015	Poster Communication	Temporal variability in gonad maturation in the abalone <i>Haliotis tuberculata</i> Linnaeus from the Azores	Prestes, A.C.L., Rodrigues A, Camarinho R, <u>Azevedo, J.M.N.</u> , <u>Neto, A.I.</u> & <u>Martins, G.M.</u>
	Liverpool, UK, 31 Aug-3September 2015	Poster Communication	Temporal variation in reproductive phenology of <i>Patella</i> spp.: past and present	Vale, M, Neto, A.I., Hawkins, SJ & <u>Martins, G.M.</u>
	Liverpool, UK, 31 Aug-3 September 2015	Poster Communication	Temporal variations in limpet and barnacle recruitment in Azores (NE Atlantic)	Faria J, Coca M, Hawkins SJ, Ribeiro P, <u>Neto, A.I.</u> & <u>Martins, G.M.</u>
	Liverpool, UK, 31 Aug-3 September 2015	Oral Communication	The ecology and conservation of limpets in the Azores	<u>Martins, G.M.</u>
Blue Business Forum	Lisbon, Portugal 4-6 June	Invited oral Communication	Investigação Aplicada nos Açores - O caso da Algicel	Luís Filipe Teves & <u>Emanuel Xavier</u>

Meeting	Local & Date	Presentation	Title	Authors (cE3c Members underlined)
Cavidades Vulcânicas dos Açores -10º Aniversário da abertura ao público da Gruta das Torres	Madalena, Portugal, 2-3 May 2015	Invited oral Communication	Fauna Cavernícola dos Açores	<u>Borges, P.A.V.</u>
Cephalopod International Advisory Council Conference 2015 - Recent Advances in Cephalopod Science	Hidotake, Japan, 6-14 November 2015	Oral Communication	Hijacking, hitchhiking and burglary behaviors of pelagic octopuses	Rosa R., Kelly J.T., Norman M., Lopes V.M., Paula J.R., Gonçalves J. & <u>J.P. Barreiros</u>
Congresso ECOLOGY AT THE INTERFACE, Science -based solutions for human well-being - 2015	Rome, Italy, 21-25 September 2015	Invited oral Communication	Cross archipelagos biodiversity studies: SADs and ASRs	<u>Borges, P.A.V.</u> , <u>Matthews, T.</u> , <u>Cardoso, P.</u> , Casquet, J., Thébaud, C., Elias, R.B., Fernández-Palacios, J., Strasberg, D., López, H., Oromí, P., Emerson, B.
	Rome, Italy, 21-25 September 2015	Oral Communication	MOVECLIM – Cross archipelago evaluation of altitudinal patterns in bryophytes.	<u>Gabriel, R.</u>
ECl European Congress of Ichthyology	Porto, Portugal, 8-10 September 2015	Poster Communication	Biotic and abiotic factors in the distribution of resident fish species: a case study from two islets and an adjacent shoreline in Terceira Island, Azores, Portugal	Medeiros J., C. Santos, D. Ponte & <u>J.P. Barreiros</u>
Encontro sobre Biodiversidade e Conservação de Invertebrados em Portugal (EBCI 2015)	Seia, Portugal, 12-13 December 2015	Poster Communication	As libélulas (Odonata) e borboletas diurnas (Lepidoptera: Rhopalocera) do Parque Natural da Serra da Estrela: biodiversidade das comunidades do Planalto Superior e da rede hidrográfica do rio Alva	Sandra Antunes, Albano Soares, Hugo Figueiredo, José Conde, <u>Mário Boieiro</u> , <u>Carla Rego</u> , Carlos A. S. Aguiar, Eva Monteiro, Patrícia Garcia-Pereira & <u>Artur Serrano</u>
Encontro sobre Biodiversidade e Conservação de Invertebrados em Portugal (EBCI 2015)	Seia, Portugal, 12-13 December 2015	Poster Communication	Biodiversidade, distribuição e prioridades de conservação de coleópteros carábideos (Carabidae) no arquipélago da Madeira	<u>Mário Boieiro</u> , Carlos A.S. Aguiar, <u>Carla Rego</u> , Dília Menezes, <u>Paulo A.V. Borges</u> & <u>Artur R.M. Serrano</u>

Meeting	Local & Date	Presentation	Title	Authors (cE3c Members underlined)
Encontros Scientia cE3c - 2014/2015	Universidade de Lisboa & Universidade dos Açores, Portugal, 27 May 2015	Invited oral Communication	Studying distribution, abundance and rarity with Azorean bryophytes.	<u>Gabriel, R.</u> , Aranda, S. C., <u>Homem, N.</u> , <u>Coelho, M. C. M.</u> , <u>Henriques, D. G.</u> , Ah-Peng, C. & <u>Borges, P. A. V.</u>
European Geosciences Union General Assembly 2015	Vienna, Austria, 12-17 April	Poster Communication	Chronic exposure to volcanic air pollution (222Rn) and DNA damage in Furnas Volcano inhabitants	Linhares D., <u>Garcia P.</u> , Silva C., Ferreira T. , Barroso J., Camarinho R., Rodrigues A.
	Vienna, Austria, 12-17 April 2015	Poster Communication	Soil microbial communities as suitable bioindicators of trace metal pollution in agricultural volcanic soils	<u>Parelho P.</u> , Rodrigues AR, <u>Barreto MC</u> , Ferreira NG, <u>Garcia, P.</u>
FIPED V – Fórum Internacional de Pedagogia – Portugal	Angra do Heroísmo, Portugal, 17-18 April 2015	Oral Communication	The role of bryophytes in water retention in azorean native vegetation: a case study in Terceira Island. V Fórum Internacional de Pedagogia - FIPED Portugal, 13-18 Abril. Angra do Heroísmo, Portugal.	<u>Coelho, M.C.M.</u> , <u>Pereira, F.</u> , Ah-Peng, C. & <u>Gabriel, R.</u>
	Angra do Heroísmo, Portugal, 17-18 April	Oral Communication	Padrões de distribuição altitudinal de briófitos na Ilha Terceira: A Regra de Rapoport	<u>Henriques, D.</u> , <u>Gabriel, R.</u> , <u>Borges, P. A. F.</u>
	Angra do Heroísmo, Portugal, 13-18 April 2015	Oral Communication	A cantina do campus de Angra do Heroísmo	<u>Arroz, A.M.</u>
FIPED V – Fórum Internacional de Pedagogia – Portugal	Angra do Heroísmo, Terceira, Portugal, 13-18 April 2015	Oral Communication	Como fazer uma Tese	<u>Arroz, A.M.</u> & <u>Gabriel, R.</u>
	Angra do Heroísmo, Portugal, 13-18 April 2015	Oral Communication	Comunicar o risco das alterações climáticas: Vender o Céu ou o Inferno	<u>Arroz, A.M.</u>

Meeting	Local & Date	Presentation	Title	Authors (cE3c Members underlined)
Fórum Agroalimentar	Funchal, Portugal, 9 July 2015	Oral Communication	Trabalhos desenvolvidos nos projetos INTERFRUTA II, BIOMUSA, GERMOBANCO II e CABMEDMAC e a transferência de conhecimentos da investigação para os produtores	<u>Lopes, D.J.H.</u> & <u>Pimentel, R.</u>
Fórum de Biodiversidade e Turismo Náutico	Angra do Heroímo, 5-6 October 2015	Oral Communication	Estudo e divulgação da biodiversidade em ilhas	<u>Gabriel, R.</u>
Frontiers in E3 - 1st cE3c annual meeting	Lisbon, Portugal, 19-20 June 2015	Oral Communication	Bryophyte community structure: Studying epiphytes at different spatial scales along five elevation gradients in islands	<u>Gabriel, R.</u> , Bardat, J., Flores, O., Gonzalez-Mancebo, J., Hedderson, T., Strasberg, D., Aranda, S. C., <u>Coelho, M.</u> , <u>Henriques, D.</u> , Hernandez-Hernandez, R., Lovanomanjanahary, M., Wilding, N. & Ah-Peng, C.
I FORO DE LA MACARONESIA: DE LA ESTRATEGIA INTELIGENTE A LA ECONOMÍA SOSTENIBLE	La Laguna, Canarias, Spain, 18 November 2015	Oral Communication	RIS 3 en Azores	<u>Lopes, D.J.H.</u>
iDigBio -Global Change Workshop	Missouri Botanical Garden, St. Louis, 2-3 December 2015	Oral Communication	Porbiota	<u>Borges, P.A.V.</u>
III Encontro de Desenvolvimento Local – I Semana Internacional do Mar	São Tomé e Príncipe	Invited Communication	Como preparar uma rede de áreas marinhas protegidas – o caso específico de STP	<u>Barreiros J.P.</u>
	São Tomé e Príncipe	Invited Communication	Recursos marinhos de STP: a urgência de uma gestão e preservação conscientes	<u>Barreiros J.P.</u>
International Biogeography Society	Bayreuth, Germany, 8-12 January 2015	Poster Communication	Modelling the ecological niche of highly mobile species in a dynamic environment	<u>Fernandez, M.</u> , Yesson, C., Gannier, A., Miller, P., Bowcot, J. & <u>Azevedo, J.M.N.</u>

Meeting	Local & Date	Presentation	Title	Authors (cE3c Members underlined)
International Symposium FloraMac2015	Gran Canaria, Canarias, 24-27 March 2015	Oral Communication	Status and trends of the plant introductions in the Macaronesian Archipelagos.	Haroun R, Vieira-Rodríguez MA, <u>Neto, A.I.</u> & Boo SM
International Symposium on Mediterranean Temporary Ponds	Sardegna, Italy 15-17 April 2015	Invited oral Communication	Bryophytes as model organisms: Methodological challenges for biodiversity assessment in a changing world.	<u>Gabriel, R.</u> , Aranda, S. C., <u>Coelho, M.</u> , <u>Henriques, D.</u> , Ah-Peng , C. & <u>Borges, P. A. V.</u>
	Sassari, Italy, 15-17 April 2015	Poster Communication	The Azorean Biodiversity Portal as an exemplar e-infrastructure for small islands and outermost regions of Europe	<u>Borges, P.A.V.</u> , Gabriel, R., Costa, A.C., <u>Arroz, A.M.</u> , Amorim, I.R., Gonçalves, J., Silva, L., Cunha, R., Elias, R.B., Soares, A.O., Mendonça, E., Ferreira, M.T., Cardoso, P.
IV Encontro Ibérico de Ecologia	Coimbra, Portugal, 16 -19 July 2015	Poster Communication	Filtered out toward opposing trajectories: contrasting functional patterns between indigenous and exotic arthropod assemblages under land-use changes in an oceanic island	Rigal, F., Cardoso, P., Lobo, J.M., Amorim, I.R. & Borges, P.A.V.
	Coimbra, Portugal, 16 -19 July 2015	Oral Communication	Multi-scale environmental and landscape effects on the local diversity of ground beetle assemblages (Coleoptera: Carabidae) of Madeira Island Laurisilva	<u>Ana M. C. Santos</u> , Mário Boieiro, Jorge M. Lobo, Ana Farinha, Pedro Cardoso, Isabel R. Amorim, Carlos A. S. Aguiar, Paulo A. V. Borges, Fernando Pereira, Carla Rego, Israel Silva & Artur R. M. Serrano
	Coimbra, Portugal, 16-19 July 2016	Poster Communication	The productivity of the azorean pastures benefits from the indigenous arbuscular mycorrhizal fungi (AMF)	Melo, CD; Jaizme-vega, MC; Cabrera Pérez, R; <u>Borges, PAV</u> and Freitas, H
IV Encontro Ibérico de Ecologia	Coimbra, Portugal, 16-19 July 2015	Invited oral Communication	Using species abundance distribution models for biogeographical analyses	<u>Borges, P.A.V.</u> , Matthews, T., Cardoso, P., Casquet, J., Thébaud, C., <u>Elias, R.B.</u> , Fernández-Palacios, J., Strasberg, D., López, H., Oromí, P., Emerson, B
	Coimbra, Portugal, 16-19 July 2015	Oral Communication	Can invasibility of Azorean habitats overcome the invasiveness of <i>Harmonia axyridis</i> Pallas (Coleoptera: Coccinellidae)?	<u>Borges, I.</u> , Magro, A., <u>Gil, A.</u> & <u>Soares, A.O.</u>
Joint Technical Workshop of Cost Action FP1303 and	Tallin, Estonia, 4-5 March 2015	Oral Communication	Assessment of subterranean termite symbiotic fauna under different diets	Duarte, S., Nunes, L., Borges, P.A.V. & Fosdal, C.G.

Meeting	Local & Date	Presentation	Title	Authors (cE3c Members underlined)
COST Action FP1404 - Performance Testing and Testing Methodologies of Non-wood biobased materials	Tallin, Estonia, 4-5 March 2016	Poster Communication	Characterization tests for insulation boards made from corn cob and natural glues	Cardoso, S., <u>Nunes, L.</u> & Faria, P.
Moveclim final meeting	La Palma, Ilhas Canárias, Spain, 9-15 June 2015	Invited oral Communication	Bryophyte community structure: studying epiphytes at different spatial scales along five elevation gradients in islands	<u>Gabriel, R.</u> , Bardat, J., Flores, O., Gonzalez-Mancebo, J., Hedderson, T., Strasberg, D., Aranda, S. C., <u>Coelho, M.</u> , <u>Henriques, D.</u> , Hernandez-Hernandez, R., Lovanomanjanahary, M., Wilding, N. & Ah-Peng, C.
	La Palma, Ilhas Canárias, Spain, 9-15 June 2015	Oral Communication	Bryophyte diversity along an elevational gradient in an oceanic island: the influence of climate and space	<u>Henriques, D.</u> , <u>Gabriel, R.</u> & <u>Borges, P. A. V.</u>
	La Palma, Ilhas Canárias, Espanha, 9-15 Junho.	Oral Communication	Ideas to analyze altitudinal transects	<u>Borges, P. A. V.</u> , <u>Gabriel, R.</u> , González-Mancebo, J. & Ah-Peng, C.
	La Palma, Ilhas Canárias, Espanha, 9-15 June 2015	Oral Communication	Water retention in Azorean native vegetation: the role of bryophytes	<u>Coelho, M. C. M.</u> , <u>Gabriel, R.</u> & Ah-Peng, C.
Seminário no âmbito do Curso de Doutoramento em Ciencias Silvoagropecuarias y Veterinarias.	Facultad de Ciencias Agronómicas da Universidad de Chile. Santiago, 13 November 2015	Invited Communication	Cuando la investigación básica y aplicada se reúnen en el vuelo de coccinélidos	<u>Soares, A.O.</u>
Seventh Biennial Meeting of the International	Bayreuth, Germany, 8-12 January 2015	Poster Communication	Drivers of Extinction: The case of Azorean beetles	<u>Terzopoulou, S.</u> , <u>Rigal, F.</u> , <u>Whittaker, R.J.</u> , <u>Borges, P.A.V.</u> & <u>Triantis, K.A</u>

Meeting	Local & Date	Presentation	Title	Authors (cE3c Members underlined)
Biogeography Society	Bayreuth, Germany, 8-12 January 2015	Poster Communication	Global patterns of diversification on oceanic islands	Rigal, F., Amorim, I.R., Santos, A.M.C., <u>Triantis, K.A.</u> , Whittaker, R.J., Borda-de-Água, L., Hortal, J., Emerson, B.C., <u>Borges, P.A.V.</u> & Parmakelis, A.
	Bayreuth, Germany, 8-12 January 2015	Poster Communication	Species abundance distributions (SADs) in different trophic groups across archipelagos	<u>Borges, P.A.V.</u> , Matthews, T., Borda-de-Água, L., <u>Cardoso, P.</u> , Casquet, J., Thébaud, C., <u>Elias, R.B.</u> , Fattorini, S., Rigal, F., Otto, R., Fernández-Palacios, J.M., Borregard, M., Strasberg, D., López, H., Oromí, P., Emerson, B.
Seventh Biennial Meeting of the International Biogeography Society	University of Bayreuth, Germany, 8-12 January 2015	Poster Communication	Topography-driven ecological isolation, speciation and global plant biodiversity	Steinbauer, M.J., Field, R., Grytnes, J.-A., Trigas, P., Ah-Peng, C., Attorre, F., Birks, H.J.B., <u>Borges, P.A.V.</u> , <u>Cardoso, P.</u> , Chou, C-H., Sanctis, M. De, Duarte, M.C., <u>Elias, R.B.</u> , Fernández-Palacios, J.M., <u>Gabriel, R.</u> , Gereau, R., Gillespie, R.G., Greimler, J., Harter, D.E.V., Huang, T-J., Irl, S.D.H., Jeanmonod, D., Jentsch, A., Jump, A.S., Kueffer, C., Nogué, S., Otto, R., Price, J., Romeiras, M.M., Strasberg, D., Stuessy, T., Vetaas, O.R., Beierkuhnlein, C
Society for Marine Mammalogy Conference	San Francisco, USA, 13-18 December 2015	Oral communication	The importance of day-to-day environmental fluctuations for prediction of cetacean distributions.	<u>Fernandez, M.</u> , Yesson, C., <u>Gannier, A.</u> , <u>Miller, P.</u> & <u>Azevedo, J.M.N.</u>
The International Geoscience and Remote Sensing Symposium 2015 (IGARSS 2015)	Milan, Italy, 26-31 July 2015	Poster Communication	Using Very High Resolution Satellite Imagery for Land Cover Mapping in Pico da Vara Nature Reserve (S. Miguel Island, Archipelago of the Azores, Portugal)	<u>Gil, A.</u> & Abadi, M.
V Rede Algas	Arraial do Cabo, Brasil, 08-13 Nov, 2015	Invited oral Communication	Impact of anthropogenic activities on coastal habitats biodiversity and resources availability	<u>Neto, A.I.</u>

Meeting	Local & Date	Presentation	Title	Authors (cE3c Members underlined)
	Arraial do Cabo, Brasil, 08-13 November 2015	Invited oral Communication	Patterns of recovery in macroalgal assemblages: a regional-scale comparison	<u>Martins, G.M.</u>
Workshop "Conservação da Natureza nos Açores: Informar a estratégia para o horizonte 2015-2020 a partir de resultados de investigação"	Angra do Heroísmo, Portugal, 3 June 2015	Oral Communication	Estudar briófitos nos Açores: sentinelas para alterações globais	<u>Gabriel, R.</u>
Workshop "1º Fim-de-Semana de Guias da Natureza: Ambiente e Conservação"	Angra do Heroísmo, Portugal 16-17 May 2015	Invited oral Communication	Briófitos nos Açores: Distribuição, abundância e principais funções.	<u>Gabriel, R.</u>
	Angra do Heroísmo, Portugal, 16 May 2015	Invited oral Communication	A Importância da Biodiversidade	<u>Borges, P.A.V.</u>
XII Conference of the Ethological Portuguese Society	Lisbon, Portugal 9-10 October 2015	Oral Communication	Effects of tour boats on the behaviour of short-beaked common dolphins in the Azores	<u>Arianna Cecchetti, Karen Stockin, Jonathan Gordon & Azevedo, J.M.N.</u>
XII International Symposium of Neuropteroiology	Mexico City, Mexico, 12-15 May 2015	Poster Communication	Residual effects of the ingestion of Imidacloprid by Chrysoperla agilis (Neuroptera: Chrysopidae)	Martins M; Morgado L; <u>Garcia P</u> ; Estrela S; Ventura MA
XIII Semana da Ciência, Departamento de Ciências da Escola	Angra do Heroísmo, Portugal, 16-20 March 2015	Invited Communication	Animais Marinhos dos Açores, Perigosos e Venenosos	<u>Barreiros J.P.</u>

Meeting	Local & Date	Presentation	Title	Authors (cE3c Members underlined)
Básica e Integrada de Angra do Heroísmo	Angra do Heroísmo, Portugal, 16-20 March 2015	Invited Communication	Cetáceos dos Açores – O Local do Atlântico com Maior Riqueza de Espécies	<u>Barreiros J.P.</u>
XVII Encontro da Rede de Estudos Ambientais dos Países de Língua Portuguesa	Cabo Verde, 9-12 September 2015	Oral Communication	Biodiversidade, conservação e saúde ambiental em ilhas de origem vulcânica: os Açores como caso de estudo	<u>Garcia, P.V.</u> & <u>Borges, P.A.V.</u>
XX Simpósio de Botânica Criptogâmica	Porto, Portugal, 22-25 July 2015	Oral Communication	Bryophyte beta diversity along an elevational gradient in Terceira Island, Azores	<u>Henriques, D.</u> , <u>Gabriel, R.</u> , <u>Borges, P. A. V.</u> & <u>Ah-Peng , C.</u>
	Porto, Portugal, 22-25 July 2015	Oral Communication	Project MOVECLIM: Studying bryophyte macroecological patterns along elevation transects across archipelagos.	<u>Gabriel, R.</u> , Bardat, J., Flores, O., Gonzalez-Mancebo, J., Hedderson, T., Strasberg, D., Aranda, S. C., <u>Coelho, M.</u> , <u>Henriques, D.</u> , Hernandez-Hernandez, R., Lovanomanjanahary, M., Wilding, N. & Ah-Peng , C.
	Porto, Portugal, 22-25 July 2015	Poster Communication	The Azorean Biodiversity Portal –PORBIOTA: e-infrastructure for small islands bryophyte conservation	<u>Borges, P.A.V.</u> , <u>Gabriel, R.</u> , Costa, A.C., <u>Arroz, A.M.</u> , Amorim, I.R., Gonçalves, J., Silva, L., Cunha, R., Elias, R.B., Soares, A.O., Mendonça, E., Ferreira, M.T., Cardoso, P.
	Porto, Portugal, 22-25 July 2015	Poster Communication	Water retention in Azorean native vegetation: the role of bryophytes	<u>Coelho, M. C. M.</u> , <u>Pereira, F.</u> , Ah-Peng, C. & <u>Gabriel, R.</u>
XXII Reunión Anual de la Sociedad de Ecología de Chile	Olmué, Chile, 3-6 November 2015	Oral Communication	Can invasibility of Azorean habitats overcome the invasiveness of <i>Harmonia axyridis</i> Pallas (Coleoptera: Coccinellidae)?	<u>Borges, I.</u> , Magro, A., <u>Gil, A.</u> & <u>Soares, A.O.</u>