

## **CURRICULUM VITAE**

**2008**

**Vera dos Santos Domingues**

### **Address**

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### **Education**

2008-present- Postdoctoral researcher at Hopi Hoekstra's lab, Department of Organismic and Evolutionary Biology, Museum of Comparative Zoology, Harvard University.

2008- Ph.D in Animal Ecology by the University of Azores, Portugal

1996-2001- Graduate in Biology at the Faculty of Sciences of the University of Lisbon, Portugal. Final grade 17 (out of 20).

### **Research experience**

Oct 2003- Jan 2008: Ph.D student (University of the Azores) at Vitor Almada's Lab, ISPA; Ricardo S. Santos, DOP-UAç and Giacomo Bernardi's Lab, UCSC. PhD project: "Phylogeography and historical demography of the warm water coastal fish of the Azores in the context of the recent evolution of the Atlantic and Mediterranean". FCT grant.

Jan 2002-Aug 2003: Lab technician at Vitor Almada's Lab, ISPA. Research project "Biogeography, Gene Flow and Biodiversity of Portuguese Rocky Shore Fishes". FCT grant.

Sep 2000-Sep 2001: Final graduation thesis at Nuno Ferrand's Lab, CIBIO. Project: " Phylogeography of the Schreiber's Green Lizard, *Lacerta schreiberi*, using SSCP of the c-mos nuclear gene and microsatellites". PRODEP grant.

### **Teaching experience**

Nov 2006- Feb 2007: Genetics- Biology Bsc. at Universidade Lusófona, Lisbon, Portugal

Jul 2006- Lecture Population genetics and phylogeography: the colonization of the Macaronesian islands. Master of Ethology (track of Evolution of Behaviour) at ISPA, Lisbon, Portugal

### **Fellowships**

2008: Postdoctoral grant from the Portuguese Foundation for Science and Technology (SFRH/BPD/37032/2007, 2 years stipend).

2006: Travel grant from the Calouste Gulbenkian Foundation to attend the *Genetics of Speciation congress* at the University of British Columbia, Vancouver, Canada.

2006: Travel grant from Luso-American Foundation to attend the *Evolution meeting* at Stony Brook University, New York, USA.

2005: Travel grant from the Marine Biological Laboratory to attend the *Workshop on Molecular Evolution*, Woods Hole, USA.

2005: Travel grant from i[Lab] to attend the *Workshop on Molecular Evolution* at the Marine Biological Laboratory Wood Hole, MA, USA.

2003: Ph.D. grant from the Portuguese Foundation for Science and Technology (SFRH/BD/13069/2003, 4 years stipend).

2001: Research grant from the Portuguese Foundation for Science and Technology (20 months support) to work on the project "Biogeography, Gene Flow and Biodiversity of Portuguese Rocky Shore Fishes".

### **Awards**

2006: IMAR-Luiz Saldanha prize for best Portuguese young researcher publication in the field of Marine Sciences and Technologies.

1997: Honourable mention from the Faculty of Sciences Foundation, University of Lisbon regarding good marks in the first grade of the Biology graduation.

### **Publications**

2008: Domingues VS, Stefanni, Brito A, Santos RS, Almada VC. Phylogeography and demography of the Blenniid *Parablennius parvicornis* and its sister species *P. sanguinolentus* from the northeastern Atlantic Ocean and the western Mediterranean Sea. *Molecular Phylogenetics and Evolution*. 46:397-402.

2007: Domingues VS , Faria C, Stefanni S, Santos RS, Brito A, Almada VC. Genetic divergence in the Atlantic-Mediterranean Montagu's blenny *Coryphoblennius galerita* (Linnaeus 1758) revealed by molecular and morphological characters. *Molecular Ecology*. 16: 3592-3605.

2007: Domingues VS , Santos RS, Brito A, Alexandrou M, Almada VC. Mitochondrial and nuclear markers reveal isolation by distance and effects of Pleistocene glaciations in the northeastern Atlantic and Mediterranean populations of the white seabream (*Diplodus sargus*, L.). *Journal of Experimental Marine Biology and Ecology*. 346: 102-113.

2007: Almada VC, Domingues VS, Monteiro NM, Almada F, Santos RS. Molecular data confirm the validity of the Portuguese blenny (*Parablennius ruber*, Valenciennes, 1836) and its presence in Western Europe. *Journal of Fish Biology* 70B: 248-254.

2007: Domingues VS, Almada VC, Santos RS, Brito A, Bernardi G. Phylogeography and evolution of the triplefin *Tripterygion delaisi* (Pisces, Blennioidei). *Marine Biology* 150: 509-519.

2006: Domingues VS, Santos RS, Brito A, Almada VC. Historical population dynamics and demography of the eastern Atlantic pomacentrid *Chromis limbata* (Valenciennes, 1833). *Molecular Phylogenetics and Evolution* 40:139-147.

2006: Stefanni S, Domingues VS, Bouton N, Santos RS, Almada F, Almada V. Phylogeny of the shanny, *Lipophrys pholis*, from the NE Atlantic using mitochondrial DNA markers. *Molecular Phylogenetics and Evolution* 39:282-287.

2006: Godinho R, Domingues VS, Crespo EG, Ferrand N. Extensive intraspecific polymorphism detected by SSCP at the nuclear C-mos gene in the endemic Iberian lizard, *Lacerta schreiberi*. *Molecular Ecology* 15:731-738.

2005: Almada F, Almada VC, Domingues VS, Brito A, Santos RS. Molecular validation of the specific status of *Parablennius sanguinolentus* and *Parablennius parvicornis* (Pisces: Blenniidae). *Scientia Marina* 69(4):519-523.

2005: Domingues VS, Bucciarelli G, Almada VC, Bernardi G. Historical colonization and demography of the mediterranean damselfish, *Chromis chromis*. *Molecular Ecology* 14:4051-4063.

### **Reviewing work**

Frequent reviewer for *Molecular Phylogenetics and Evolution*;  
Occasional reviewer for *Journal of Experimental Marine Biology and Ecology*,  
*Marine Biology*, *Zootaxa*.

### **Course participant**

Oct 2007: Introductory course on microarray data analysis, The Gulbenkian Training Program in Bioinformatics, Lisbon, Portugal.

Jul-Aug 2005: Workshop on Molecular Evolution, Marine Biological Laboratory, Woods Hole, USA.

Sep 2004: Use of molecular markers for the study of marine biodiversity, IMAR-DOP, University of Azores, Horta, Portugal.

Jul 2004: Population genetics data analysis, European Institute in Statistical Genetics, University of Algarve, Faro, Portugal.

Jul 2004: Coalescent Theory, European Institute in Statistical Genetics, University of Algarve, Faro, Portugal.

May 2004: Applied Phylogenetics Workshop, Center for Bioinformatics and Bodega Marine Laboratory, University of Davis, California, USA.

Dec 2003: Bioinformatics: an Introductory Course, The Gulbenkian Training Program in Bioinformatics, Lisbon, Portugal.

### **Scientific meetings**

#### Invited talks

2006: Historical colonization and demography of the Mediterranean damselfish, *Chromis chromis*. Luiz Saldanha's Prize Lecture. IMAR's annual meeting, Vila das Lajes, Portugal.

### Oral communications

2006: Domingues VS , Almada VC, Santos RS, Brito A, Bernardi G. Phylogeography and evolution of the triplefin *Tripterygion delaisi* (Pisces, Blennioidei). Evolution Meeting, Stony Brook, USA.

2006: Domingues VS , Almada VC, Santos RS, Brito A, Bernardi G. Phylogeography and evolution of the triplefin *Tripterygion delaisi* (Pisces, Blennioidei). Atlantic Islands Neogene International Congress, Ponta Delgada, Portugal.

2002: Almada V, Almada F, Santos R, Henriques M, Robalo J, Santos C, Domingues VS. The sources of colonization of south-western European shores, Azores and Madeira by warm water inshore fishes after de Pleistocene glaciations. International Symposium in Southern European Refugia, Vairão, Portugal.

### Posters

2007: Domingues VS , Faria C, Stefanni S, Santos RS, Brito A, Almada VC. Genetic divergence in the Atlantic-Mediterranean Montagu's blenny *Coryphoblennius galerita* (Linnaeus 1758) revealed by molecular and morphological characters. 11 th Congress of the European Society for Evolutionary Biology, Uppsala, Sweden.

2006: Domingues VS , Santos RS, Brito A, Almada VC. Yellow triplefin (*Tripterygion delaisi*): Evolution and ongoing speciation in the sea? Genetics of Speciation , Vancouver, Canada.

2005: Domingues VS, Bucciarelli G, Almada VC, Bernardi G. Historical colonization and demography of the Mediterranean damselfish, *Chromis chromis*. 10 th Congress of the European Society for Evolutionary Biology, Krakow, Poland.

2002: Almada V, Almada F, Santos C, Robalo J, Domingues VS. Phylogeographical patterns of cyprinid fishes from western Portugal inferred from mitochondrial DNA data. International Symposium in Southern European Refugia, Vairão, Portugal.

2002: Domingues VS, Godinho R, Crespo EG, Ferrand N. Analysis of microsatellite loci in populations of *Lacerta schreiberi* offers additional information about the species' phylogeography. International Symposium in Southern European Refugia, Vairão, Portugal.

2001: Domingues VS, Godinho R, Ferrand N, Crespo EG. SSCP of a partial fragment of the c-mos gene offers a useful nuclear marker in the phylogeographic study of the endemic Iberian Schreiber's Green Lizard *Lacerta schreiberi*. IV international Symposium on the Lacertids of the Mediterranean Basin, Maó, Spain.

### **Languages**

Portuguese- mother tongue.

English- advanced (reading, writing and conversation).

French and Spanish- good understanding and basic conversation skills.