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Publications (peer-reviewed journals)

Teixeira S., Serrão E., Arnaud-Haond S. (submitted). “Panmixia in a fragmented and unstable environment: the hydrothermal shrimp *Rimicaris exoculata* disperses extensively along the Mid-Atlantic Ridge”. PlosOne

Teixeira S., Serrão E., Arnaud-Haond S. (2011). “Characterization of 15 polymorphic microsatellite loci in *Rimicaris exoculata*, and cross-amplification in other hydrothermal-vent shrimp” Conservation Genetics Resources, doi: 10.1007/s12686-011-9479-3. IF:1.255

Austerlitz F., Gleiser G., **Teixeira S.**, Bernasconi G. (2012). “The effects of inbreeding, genetic dissimilarity and phenotype on male reproductive success in a dioecious plant” Proceedings of the Royal Society B. 279: 91-100. IF: 5.064

Barluenga M., Austerlitz F., Elzinga J., **Teixeira S.**, Goudet G., Bernasconi G. (2011). “Fine-scale spatial genetic structure and gene dispersal in *Silene latifolia*” *Heredity* 106:13-24. IF: 4.569

Teixeira S., Cambon-Bonavita M-A., Serrão E.A., Desbruyères D., Arnaud-Haond S. (2011). “Recent population expansion and connectivity in the hydrothermal shrimp *Rimicaris exoculata* along the Mid Atlantic Ridge”. *Journal of Biogeography* 38: 564-574. IF: 4.273

Arnaud-Haond S., Duarte C.M., **Teixeira S.**, Massa S.I., Terrados J., Hong Tri N., Hong P. N., Serrão E.A. (2009). “Genetic recolonization of mangrove: genetic diversity still increasing in the Mekong Delta 30 years after agent Orange”. *Marine Ecology Progress Series* 390:129-135. IF: 2.483

Teixeira S., Foerster K., Bernasconi G.(2008). “Evidence for inbreeding depression and post-pollination selection against inbreeding in the dioecious plant *Silene latifolia*”. *Heredity* 102:101-112. IF: 4.569

Teixeira S., Burkhardt A., Bernasconi G.(2008). “Genetic variation among females affects paternity in a dioecious plant”. *Oikos* 117(10):1594-1600. IF: 3.393

Teixeira S., Bernasconi G.(2008). “Effects of inbred/outbred crosses on progeny sex ratio in *Silene latifolia* (Caryophyllaceae)”. *New Phytologist* 178: 448-456. IF: 6.516

Arnaud-Haond S., Miggiaccio M., Diaz Almela E., van de Vliet M.S., **Teixeira S.**, Alberto F., Procaccini G., Duarte C.M., Serrao E.A. (2007). “Vicariance patterns in the Mediterranean sea:

East-West cleavage and low dispersal in the endemic seagrass *Posidonia oceanica*". *Journal of Biogeography* 34: 963–976. IF: 4.273

Teixeira S., Bernasconi G. (2007). "High prevalence of multiple paternity within fruits in natural populations of *Silene latifolia*, as revealed by microsatellite DNA analysis". *Molecular Ecology* 16: 4370-4379. IF: 6.457

Arnaud-Haond S., **Teixeira S.**, Massa S., Billot C., Saenger P., Duarte C. M., Serrao E.A. (2006). "Genetic structure at range-edge: low diversity and high inbreeding in Southeast Asian mangrove (*Avicennia marina*) populations". *Molecular Ecology* 15: 3515-3525. IF: 6.457

Arnaud-Haond S., Alberto F., **Teixeira S.**, Procaccini G., Serrao E.A., Duarte C. M. (2005). "Assessing genetic diversity in clonal organisms: low diversity or low resolution? Combining power and cost-efficiency in selecting markers". *Journal of Heredity* 96(4):434-440. IF: 2.396

Teixeira S., Arnaud-Haond S., Duarte C.M., Serrão E.A. (2003). "Polymorphic microsatellite DNA markers in the mangrove tree *Avicennia alba*". *Molecular Ecology Notes* 3: 544-546. IF: 1.631

Oral communications and posters

Teixeira S., Serrão, E., Arnaud-Haond, S.(2011) Demography and connectivity of the hydrothermal shrimp *Rimicaris exoculata* along the Mid-Atlantic Ridge. Oral presentation at HERMIONE annual meeting 2011, Malaga, 11-15th of April 2011.

Teixeira S., Serrão, E., Arnaud-Haond, S.(2011) Biogeography of a hydrothermal vent shrimp from the Mid Atlantic Ridge. Poster presentation at the 5th Biennial conference of the International Biogeography Society, Iraklion-Crete, 7-11 January 2011.

Arnaud-Haond S., **Teixeira S.**, Moalic Y., Desbruyères D. (2010) Networks of marine Biodiversity. Oral presentation In "The world we live in", Biodiversity in the 21st century. Ramat-Hanadiv, Israel, 10-13 October 2010.

Arnaud-Haond S., **Teixeira S.** (2010) Overview of connectivity at vents and seeps- temporal and spatial scales. Oral presentation In "Design of marine protected areas for hydrothermal-vent and cold-seep ecosystems potentially threatened by human activities in the deep sea". Dinard-France, 31 May – 4 June 2010.

Teixeira S., Bernasconi G. Multiple paternity within fruits of natural populations of *Silene latifolia*, as revealed by microsatellite DNA analysis.

- Oral presentation at "Evolution 2006" meeting, New York, EUA, 23-27 de June 2006.
- Poster presentation at "Biology 06" meeting, Geneva, Switzerland, 16-17th February 2006.
- Poster presentation at the 10th annual meeting of the European Society for Evolutionary Biology. Krakow, Poland, 15-20 August 2005.
- Poster presentation in the meeting "Sexual conflict: a new paradigm?". Royal Society of London, England, May 9,10th 2005.

Teixeira S., Alberto, F., Billot, C., Lacap, D., Cayabyab, N., Serrão, E.. Study of the genetic diversity in disturbed SE Asian coastal communities. Poster presentation. 1st Meeting of the Marine and Environmental Investigation Centre (CIMAR), Santarém, Portugal. September 2002.

Education

PhD, Université de Lausanne (2007)

Diploma on Biotechnology Engineering, Universidade do Algarve (2002).

Professional experience

May 2008 to present date: **Post-Doctorate** fellowship: The importance of dispersal, selective and co-evolutionary processes in driving the evolution of deep-sea species. IFREMER and CCMAR, University of Algarve. Supervisors: Dr Sophie Arnaud-Haond, Dr Daniel Desbruyères, Prof Ester Serrão.

September 2003 to February 2007: **PhD student**. Thesis title: “Evolution of male/female interactions in *Silene latifolia*” (9.2003-9.2004: University of Zürich; 10.2004 to 02.2007: University of Lausanne, Switzerland). Supervisor: Prof. G. Bernasconi and Prof. J. Goudet.

October 2000 to August 2003. **Research technician** in conservation and population genetics projects (Bonelli’s eagles, Otters, Mangrove trees *Avicennia marina*, sea grasses *Posidonia oceanica*, *Enhalus acoroides* and *Cymodocea nodosa*), Laboratory of Ecology and Evolution of Marine Organisms, University of Algarve, Faro, Portugal.

March 2000 to September 2000. **Masters**. Title: “Study of the genetic diversity of disturbed populations of *Avicennia marina* in South-East Asia (Vietnam and Philippines)”, Laboratory of Ecology and Evolution of Marine Organisms, University of Algarve, Faro, Portugal. Supervisor: Dr. C. Billot and Prof. E. Serrão.

Continuing education

2010 Barcelona University, Determination of nuclear content (C-value)

2009 Station Biologique de Roscoff, Marine evolutionary and ecological genomics

2006 Lausanne University, PhD program, Co-evolution

2005 Neuchâtel University, PhD program, Microarray technology

2004 European institute in statistical genetics, Principles of quantitative genetics

2004 European institute in statistical genetics, Introduction to genomic science

2004 Zürich University, PhD program, Biostatistics