

Curriculum Vitae

Personal information

Surname(s) / First name(s) **Ferreira Marques Ferreira Cardoso, Joana**
Work Address P.O. Box 59, 1790AB Den Burg, The Netherlands
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Nationality Portuguese

Work experience

Dates	From October 2007 until present
Occupation or position held	Post-doc researcher
Main activities	Validation of the seasonality of growth bands in shells of bivalves by means of isotope analysis and microscopy
Supervisors	Dr. Henk van der Veer, Royal Netherlands Institute for Sea Research (NIOZ) Prof. Dr. Jorge Machado, Centre of Marine and Environmental Research (CIIMAR)
Dates	From September 2000 to September 2007
Occupation or position held	Ph.D. student
Main activities	Study of growth and reproduction in several common bivalve species in Dutch waters and application of a dynamic energy budget to simulate growth in these species
Supervisor	Dr. Henk van der Veer, NIOZ
Dates	From February to July 2007
Occupation or position held	Technician in marine ecology
Main activities	Identification of benthos in sediment samples from the Dutch Wadden Sea estuary
Name and address of employer	Department of Marine Ecology, NIOZ
Dates	From October 2006 to February 2007
Occupation or position held	Technician in molecular biology
Main activities	Identification of bacteria and archaea in sponges
Name and address of employer	Dr. Judith van Bleijswijk and Dr. Fleur van Duyl, NIOZ
Dates	From February to June 2006
Occupation or position held	Technician in molecular biology
Main activities	Identification of bivalve larvae in water samples
Name and address of employer	Dr. Judith van Bleijswijk and Dr. Katja Phillipart, NIOZ

Education and training

Dates	2007
Title of qualification awarded	Ph.D. (Dr.) in Biology
Name and type of organisation providing education and training	Faculty of Mathematics and Natural Sciences, Groningen University, The Netherlands
Dates	1998
Title of qualification awarded	Licentiate degree in Biology (specialisation in Applied Animal Biology)
Name and type of organisation providing education and training	Faculty of Sciences, University of Porto, Portugal

Personal skills and competences

Mother tongue(s)	Portuguese
Other language(s)	
Dutch	2003 - Staatsexamen, level 2 (Certificate of Dutch language for foreigners) (Good knowledge in reading and listening, medium knowledge in speaking, basic knowledge in writing)
English	1998 - Certificate of Proficiency in English, University of Cambridge (Very good knowledge in speaking, reading, listening and writing)
French	1992 - Certificate French language, level 5 (Institut Français de Porto, Portugal) (Good knowledge in speaking, reading, listening and writing)
Spanish	Good knowledge in speaking, reading, listening and basic knowledge in writing

Technical skills and competences	Anatomy and physiology of bivalves Taxonomy of benthic invertebrates Preparation of shell sections Anatomy of fish and stomach content analysis Preparation of samples for stable isotope analysis Nucleic acid extraction, PCR, sequencing, Denaturing Gradient Gel Electrophoresis (DGGE) Phylogeny analysis (Blast analysis, ARB) Participation in research cruises Experience with fieldwork and sampling techniques
Computer skills and competences	Good command of Microsoft Office tools (Word, Excel, PowerPoint and Access) Good knowledge of graphic design applications (Adobe Illustrator, PhotoShop, CorelDraw, SigmaPlot) Good knowledge of modelling software (STELLA) Basic knowledge of R software (language and environment for statistical computing and graphics) Good knowledge of statistical software (SYSTAT)
Other skills and competences	Scuba Diving Certificate (CMAS)
Driving licence	Category B
List of publications	

Peer-reviewed Publications

- Van der Veer, H.W., Cardoso, J.F.M.F., Peck, M.A., Kooijman, S.A.L.M. Physiological performance of plaice *Pleuronectes platessa* (L.): a comparison of Static and Dynamic Energy Budgets. (in press in Journal of Sea Research)
- Cardoso, J.F.M.F., Witte, J.I.J., Van der Veer, H.W., 2007. Habitat related growth and reproductive investment in estuarine waters, illustrated for the tellinid bivalve *Macoma balthica* (L.) in the western Dutch Wadden Sea. Mar. Biol. 152, 1271-1282.
- Cardoso, J.F.M.F., Dekker, R., Witte, J.I.J., Van der Veer, H.W., 2007. Is reproductive failure responsible for reduced recruitment of intertidal *Mytilus edulis* L. in the western Dutch Wadden Sea? Senckenberg. Mar. 37, 83-92.
- Cardoso, J.F.M.F., Langlet, D., Loff, J.F., Martins, A.R., Witte, J.I.J., Santos, P.T., Van der Veer, H.W., 2007. Spatial variability in growth and reproduction of the Pacific oyster *Crassostrea gigas* (Thunberg, 1793) along the west European coast. J. Sea Res. 57, 303–315.
- Cardoso, J.F.M.F., Witte, J.I.J., Van der Veer, H.W., 2007. Growth and reproduction of the bivalve *Spisula subtruncata* (da Costa) in Dutch coastal waters. J. Sea Res. 57, 316-324.
- Van der Veer, H.W., Cardoso, J.F.M.F., Van der Meer, J., 2006. The estimation of DEB parameters for various Northeast Atlantic bivalve species. J. Sea Res. 56, 107-124.
- Cardoso, J.F.M.F., Van der Veer, H.W., Kooijman, S.A.L.M., 2006. Body size scaling relationships in bivalves: a comparison of field data with predictions by Dynamic Energy Budgets (DEB theory). J. Sea Res. 56, 125-139.
- Cardoso, J.F.M.F., Witte, J.I.J., Van der Veer, H.W., 2006. Intra- and interspecies comparison of energy flow in bivalve species in Dutch coastal waters by means of the Dynamic Energy Budget (DEB) theory. J. Sea Res. 56:182–197.

Non-refereed publications

- Cardoso J.F.M.F., 2007. Food conditions and growth of bivalve species in the western Wadden Sea. NIOZ Annual Report 2007, 75-77.
- Cardoso J.F.M.F., Langlet, D., Loff, J.F., Martins, A.R., Witte, J.I.J., Van der Veer, H.W., 2004. Spatial and temporal variability in growth and reproduction of the Japanese cupped oyster *Crassostrea gigas* (Thunberg, 1793): are they adapting to northern European waters? ICES, Copenhagen Denmark, CM 2004/K:22.
- Cardoso J.F.M.F., Van der Meer, J., Van der Veer, H.W., 2001. Interspecies comparison of the energy flow in some North Atlantic bivalve species by means of dynamic energy budgets. ICES, Copenhagen Denmark, CM 2001/J :43.

Books

- Cardoso J.F.M.F., 2007. Growth and Reproduction in Bivalves: an energy budget approach. Ph.D. Thesis, University of Groningen, Groningen, The Netherlands.

Submitted

- Cardoso, J.F.M.F., Witte, J.I.J., Van der Veer, H.W. Differential reproductive strategies of two bivalves in the Dutch Wadden Sea. (under review in Estuarine, Coastal and Shelf Science)
- Cardoso, J.F.M.F., Witte, J.I.J., Van der Veer, H.W. Reproductive investment of the American razor clam *Ensis americanus* in the Dutch Wadden Sea (submitted to Journal of Sea Research)