



I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type B fellowship at **Dipartimento di Scienze e Politiche Ambientali**

Scientist- in - charge: **Prof Diego Rubolini**

Marie Claire Gatt

CURRICULUM VITAE

PERSONAL INFORMATION

Surname	Gatt
Name	Marie Claire
Date of birth	05.07.1991

PRESENT OCCUPATION

Appointment	Structure
Ph. D. student	<p>Candidate for the title of Ph. D. at the University of Lisbon, Portugal. Thesis, titled "Causes and consequences of individual variation in migratory behaviour of Cory's Shearwaters" submitted on the 25th of September 2020.</p> <p>Acquired theoretical and practical expertise in seabird breeding and migration ecology, behavioural studies, physiology, immunology, parasitology, mercury biomagnification, and the application of stable isotopes.</p>

EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Degree	B. Sc. Biology & Chemistry	University of Malta	2013
Specialization	B. Sc. Thesis: Use of the maritime island of Comino by migrating passerines	University of Malta	2013
PhD	Marine Biology and Ecology Thesis: Causes and consequences of individual variation in migratory behaviour of Cory's	University of Lisbon, Portugal	2020 (Prospectively - thesis submitted, awaiting viva)



	Shearwaters (submitted)		
Master	M. Sc. Bird Conservation Thesis: The influence of moon phase on foraging success in Bulwer's Petrel	Manchester Metropolitan University, UK	2014

FOREIGN LANGUAGES

Languages	level of knowledge
Maltese	Mother tongue
English	Mother tongue
Portuguese	Fluent
Italian	Basic

AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award
2018	Travel grant awarded for the attendance of the 14th Seabird Group Conference, Liverpool, UK
2016	Ph. D. grant (PD/BD/127807/2016) awarded by Fundação para a Ciência e Tecnologia (FCT), Portugal (Portuguese agency for research funding)
2013	Scholarship (627/2012/170) for Master's level studies, awarded by the Maltese Ministry of Education and Employment

TRAINING OR RESEARCH ACTIVITY

Teaching Assistant (2014 - 2016), running practical laboratory and field sessions for undergraduate students in biology, Department of Biology, University of Malta, Malta
Research Intern (June - September 2015), investigating flight ontogeny in Greylag Geese (<i>Anser anser</i>) analysing tri-axial acceleration logger data for the estimation of overall dynamic body acceleration (ODBA), Max Planck Institute of Animal Behaviour, Radolfzell, Germany
Field Worker (voluntary, 2012 - 2015) for seabird ringing and telemetry device deployment/retrieval expeditions, and land- and sea-based seabird counts for the EU LIFE+ Malta Seabird Project, Birdlife Malta, Malta
Licensed bird ringer, EURING recognised, with mist-netting and bird ringing experience in passerines.
Extensive experience in the handling, ringing, measuring, and GPS- and GLS-deployment and retrieval of procellariiforme seabirds in remote colonies on the Maltese Islands (BirdLife Malta), Madeiran archipelago (University of Lisbon), and Croatia (BIOM).



PROJECT ACTIVITY

Year	Project
2016 2019	<p>- Seamigrant (PTDC/BIA-ANM/3743/2014), funded by Fundação para a Ciência e Tecnologia (FCT), Portugal, granted to ISPA, Lisbon, and Faculdade de Ciências da Universidade de Lisboa, Portugal.</p> <p>PhD student within the project, investigating causes and consequences of differential migration in Cory's Shearwaters. Carried out extensive (8 months) field work in remote settings (Selvagem Grande, Madeira, PT) collecting demographic, biometric, behavioural, and physiological data on Cory's Shearwater. Gained experience in the field and also in the lab with physiological indices, including blood cell counts. Responsible for the publishing of project outputs (one paper published, one accepted, and one under review). Responsible for managing project finances, purchases, and logistics, and for the organisation and upkeep of the long-term Cory's Shearwater monitoring databases of the research group.</p>

CONGRESSES AND SEMINARS

Date	Title	Place
July 2020	LIFE Arcipelagu Garnija Project Closing Webinar	Malta (online)
May 2020	6th World Seabird Twitter Conference (#WSTC6)	Twitter (online)
February 2020	VI Encontro Técnico Anilhadores (Ringer's Meeting, Portugal)	Lousã, Portugal
March 2019	BOU2019 Tracking migration: drivers, challenges and consequences of seasonal movements	University of Warwick, UK
September 2018	14th Seabird Group Conference	University of Liverpool, UK
September 2016	6th International Albatross and Petrel Conference	University of Barcelona, Spain
November 2015	Seabirds in the Mediterranean - Advancing the Marine Protected Network	Gozo, Malta
August 2014	1st International Bird Observatory Conference	Falsterbo, Sweden
August 2013	9th Conference of the European Ornithologists' Union	University of East Anglia, Norwich, UK
January 2012	BirdLife Malta Ringers' Meeting	Naxxar, Malta
December 2011	Mediterranean Conservation Sciences Conference	Tour Du Valat, Camargue, France



PUBLICATIONS

Articles in reviews
Gatt, M. C. , Versteegh, M., Bauch, C., Tielemann, B. I., Granadeiro, J. P., Catry, P., Costs of reproduction and migration are paid in later return to the colony, not in physical condition, in a long-lived seabird. <i>Oecologia</i> , Springer, CH, (accepted)
Gatt, M. C. , Reis, B., Granadeiro, J. P., Pereira, E., Catry, P., Generalist seabirds as biomonitors of ocean mercury: the importance of accurate trophic position assignment. <i>Science of the Total Environment</i> , 740, 140159, Elsevier, NL, (2020)
Bauch, C., Gatt, M. C. , Granadeiro, J. P., Verhulst, S., Catry, P., Sex-specific telomere length and dynamics in relation to age and reproductive success in Cory's Shearwaters. <i>Molecular Ecology</i> , 29(7), Wiley, USA, (2020)
Gatt, M. C. , Quetting, M., Cheng, Y., & Wikelski, M., Dynamic body acceleration increases by 20% during flight ontogeny of Greylag Geese (<i>Anser anser</i>). <i>Journal of Avian Biology</i> , 51(2), jav.02235, Wiley, USA, (2020)
Gatt, M. C. , Lago, P., Austad, M., Bonnet-Lebrun, A.-S., & Metzger, B. J., Pre-laying movements of Yelkouan Shearwaters (<i>Puffinus yelkouan</i>) in the Central Mediterranean. <i>Journal of Ornithology</i> , 160(3), 625-632, Springer, CH, (2019)
Boeiro, M., Catry, P., Jardim, C. S., Menezes, D., Silva, I., Coelho, N., Oliveira, P., Gatt, M. C. , Pedro, P., Granadeiro, J. P., Invasive Argentine ants prey on Bulwer's petrels nestlings on the Desertas Islands (Madeira) but do not depress seabird breeding success. <i>Journal for Nature Conservation</i> , 43, 35-38, Elsevier, NL, (2018)
Pinto, M., Catry, T., Pedro, P. I., Gatt, M. C. , Dias, M. P., Brood-guarding behaviour in Bulwer's Petrel (<i>Bulweria bulwerii</i>) at two East Atlantic colonies. <i>Bird Study</i> , 63(1), 148-151, Taylor & Francis, UK, (2016)

OTHER INFORMATION

Good command of R Statistical Software
Programming and analysis of telemetry logger data, including GLS data analysis (Migrate Tech software), the estimation of utilisation distribution from GPS data, and mapping techniques on R.

Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR n. 445/2000.

The present curriculum does not contain confidential and legal information according to art. 4, paragraph 1, points d) and e) of D.Lgs. 30.06.2003 n. 196.

Place and date: Lisbon, 2nd October 2020