



Full Name: Manuel António Pinto Sapage

Nationality: **Portuguese**

Sex: **Male**

Birth Date: **July 15th, 1985**

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**Investigation Centre:** Centre for Ecology, Evolution and Environmental Changes (cE3c)

- Research Group: Evolutionary Ecology

**Current Condition:** Accepted to the Doctoral Programme in Biodiversity, Genetics & Evolution (BIODIV)

- Faculty: Faculty of Sciences, University of Lisbon (FCUL)

### PhD status

I have started my PhD in Biology - Ethology (FCUL) in 2013 with the title “Bringing mate-choice copying to the population level: Mechanisms and consequences of mate-choice copying generalization”.

I have ended my curricular year of the PhD programme with a grade of 19 (out of 20) taking courses mostly in mathematical and statistical modelling such as “Statistical Models” and “Stochastic Modelling and Optimization”.

For the research of my PhD and I have already been to the University of Oklahoma, OK, USA, and Zurich, Switzerland, to do part of my PhD research.

In 2016/2017 I have switched from this PhD to the BIODIV Doctoral Programme because I was interested in the BIODIV curricular structure and I have won a Scholarship for this Programme.

### CURRENT AREAS OF SCIENTIFIC ACTIVITY AND RESEARCH INTERESTS:

**Domain of specializations:** My specialization is in Conservation Biology and Animal Behaviour. In my master thesis I studied the breeding behaviour of captive birds. I also have some expertise in the study of animal social information use, mainly mate-choice copying, and computer simulation.

**Present research interests:** My current research interests are: Behavioural Ecology; Social Information; Cultural Evolution; Gene-Culture Evolution; Sexual Selection; Mate Choice; Habitat Choice; Animal Cognition; Conservation Biology; Ex-Situ Conservation; Mathematical Modelling and Statistical Modelling.

**Other skills/activities:** Apart from my scientific research interests, I am also interested in: Photography; Image and Video Manipulation and Philosophy.

### ACADEMIC DEGREES:

**2011:** M.Sc. in Conservation Biology (Faculty of Sciences, University of Lisbon) – Thesis Title: “Comportamento Reprodutor de Rapinas Diurnas em Cativeiro na Coudelaria de Alter Real e em Vaiamonte” (Reproductive Behaviour of Captive Diurnal Raptors in Alter Stud Farm and Vaiamonte)

**2007:** College Graduation in Biology - Environmental Biology (Faculty of Sciences, University of Lisbon)

## ORAL COMMUNICATIONS:

**Sapage M.**, Varela S.A.M., Vicente L. & Schlupp I. 9-10 October 2015. An Evaluation to the Standard Mate-Choice Copying Experimental Protocol. XII Nacional Congress of Ethology, SPE 2015. Lisbon, Portugal

**Sapage M.**, Varela S.A.M., Vicente L. & Schlupp I. 19-20 June 2015. An Evaluation to the Standard Mate-Choice Copying Experimental Protocol. cE3c Annual Meeting, 2015. Lisbon, Portugal

**Sapage M.\***, Varela S.A.M., Vicente L., Wagner R.H., Danchin É. 24-25 October 2013. Habitat Copying predicts highly aggregated colonies in birds. 10th Nacional Congress of Ethology, SPE 2013. Champalimaud Centre for the Unknown. Lisbon, Portugal.

Varela S.A.M.\*, **Sapage M.**, Vicente L. & Danchin É. 24-25 October 2013. Does mate-choice copying modulate reproductive investment? 10th Nacional Congress of Ethology, SPE 2013. Champalimaud Centre for the Unknown. Lisbon, Portugal.

Varela S.A.M.\*, **Sapage M.**, Vicente L. & Danchin É. 27-29 May 2013. Does mate-choice copying modulate reproductive investment? 3-Day International Conference on Evolutionary Patterns. Gulbenkain Foundation, Lisbon, Portugal. **Invitation.**

\* Author Presenting the Work

## POSTER COMMUNICATIONS:

**Sapage M.**, Hanna Kokko & Varela S.A.M., 13-14 October 2016. Modeling mate-choice copying generalization with genotype-by-environment interactions. 13<sup>th</sup> Nacional Congress of Ethology, SPE 2016. Lisbon, Portugal

**Sapage M.**, Hanna Kokko & Varela S.A.M., 27-28 June 2016. Modeling mate-choice copying generalization with genotype-by-environment interactions. cE3c Annual Meeting, 2016. Lisbon, Portugal

Charrua, A.P., **Sapage M.**, Varela S.A.M. & Vicente L. 9-10 October 2015. Play and Welfare in a Family of Captive White-Handed Gibbons, *Hylobates lar*. XII Nacional Congress of Ethology, SPE 2015. Lisbon, Portugal

**Sapage M.**, Varela S.A.M., Vicente L., Wagner R.H. and Danchin É. 21 December 2012. Testing the "Commodity Selection Hypothesis": can conspecific cues be the key to the evolution of coloniality in birds? VIII National Meeting of Evolutionary Biology. Gulbenkain Foundation, Oeiras, Portugal.

**Sapage M.**, Varela S.A.M., Vicente L., Wagner R.H. and Danchin É. 12-13 April 2012. Testing the "Commodity Selection Hypothesis": can conspecific cues be the key to the

evolution of coloniality in birds? (Ongoing Project) 9th National Congress of Ethology from the Portuguese Society of Ethology. CBA, Faculty of Sciences of the University of Lisbon, Portugal.

**LECTURES:**

Guest speaker for the lecture entitled "**Computational mate choice**" for the discipline of "**Animal Behaviour**" belonging to the 3rd year of the degree in Biology, on November 30, 2012, in the Faculty of Sciences of the University of Lisbon.

**PAST ACTIVITIES:**

Period (Day/Month/Year)	Position, Rank or Activity	Institution
04-3-2016 to 01-4-2016	Visiting Scholar	University of Zurich
20-5-2014 to 15-11-2014	Visiting Scholar	University of Oklahoma
14-4-2014	Certification in the "Laboratory Animal Science Theoretical Course"	Sociedade Portuguesa de Ciências em Animais de Laboratório (SPCAL)
19-8-2013 to 24-8-2013	Participation in the "XIV Congress of the European Society for Evolutionary Biology"	European Society for Evolutionary Biology (ESEB)
25-6-2012 to 29-6-2012	Participation in the advance course "Practical course on Phylogenetics" with a workload of 30 hours.	Centre for Environmental Biology (CBA)
20-2-2012 to 24-2-2012	Participation in the advance course "Practical Course on Phylogeography" with a workload of 30 hours.	Centre for Environmental Biology (CBA)
24-5-2010 to 26-5-2010	Participation in the "Laboratory Animal Science Practical Course" with a workload of 20 hours	Sociedade Portuguesa de Ciências em Animais de Laboratório (SPCAL)
15-9-2009 to 18-9-2009	Participation in the technological training "Sightseeing Tours and Itineraries" (Itinerários e Circuitos Turísticos - Cód. 4327)	Turismo de Portugal
21-9-2009 to 13-10-2009	Participation in the technological training "English Language - Personal Service" (Língua Inglesa - Atendimento Personalizado - Cód.3454)	Turismo de Portugal

19-1-2008 to 20-1-2008	Participation in the course "Knowing the birds by the bones"	Sociedade Portuguesa para o Estudo das Aves (SPEA)
05-6-2008 to 08-6-2008	Participation in the 3rd Course of Identification, Biology and Conservation of Birds of Prey	Associação Transumância e Natureza
27-7-2007 to 31-7-2007	Participation in the Workshop "iSig - Initiation to Geographic information systems"	Faculdade de Ciências da Universidade de Lisboa - Departamento de Biologia
27-8-2007 to 08-9-2007	Field work for the "Conservation of Birds of Prey in Vale do Côa"	Associação Transumância e Natureza (ATN)
Since 22-3-2004	Volunteer, mainly at the animal demonstrations section. Assistance in handling and training animals and cleaning the animals' facilities.	Jardim Zoológico e de Aclimação em Portugal, SA (Lisbon Zoo)
01-9-2009 to 31-8-2011	Responsible for the environmental education hired under the Project "Conservar & Educar" - FALCOARIA DA COUDELARIA DE ALTER (Project In-Alentejo-04-0331-FEDER-000214)	Fundação Alter Real - Coudelaria de Alter

#### Scientific Projects:

**2013:** Integration in the project "Biodiversidade em ilhas oceânicas: um modelo unificado" (FCT Project PTDC/BIA-BIC/119255/2010) in the task for Mathematical Modelling.

#### Languages:

	Reading:	Writing:	Conversation:
Portuguese	Excellent	Excellent	Excellent
English	Excellent	Good	Good
Cantonese (Chinese)	Elementary	Elementary	Good

**Updated December 23<sup>rd</sup>, 2016 by**

  
**Manuel Sapage**