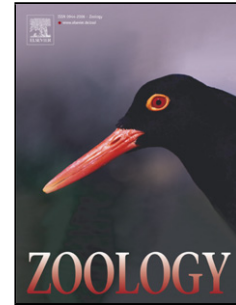


Accepted Manuscript

Title: Inter-sexual habitat and isotopic niche segregation of the endangered Monteiro's storm-petrel during breeding

Authors: V.H. Paiva, J.A. Ramos, C. Nava, V. Neves, J. Bried, M. Magalhães



PII: S0944-2006(17)30097-1
DOI: <https://doi.org/10.1016/j.zool.2017.12.006>
Reference: ZOOL 25623

To appear in:

Received date: 5-4-2017
Revised date: 29-11-2017
Accepted date: 29-12-2017

Please cite this article as: Paiva, V.H., Ramos, J.A., Nava, C., Neves, V., Bried, J., Magalhães, M., Inter-sexual habitat and isotopic niche segregation of the endangered Monteiro's storm-petrel during breeding. *Zoology* <https://doi.org/10.1016/j.zool.2017.12.006>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Inter-sexual habitat and isotopic niche segregation of the endangered Monteiro's storm-petrel during breeding

Paiva, V.H. ^{1*}, Ramos, J.A. ¹, Nava, C ², Neves, V. ², Bried, J. ², Magalhães, M. ²

¹ MARE – Marine and Environmental Sciences Centre, Department of Life Sciences, University of Coimbra, 3004-517 Coimbra, Portugal

² MARE (Marine and Environmental Science Centre), IMAR (Institute of Marine Research) and LARSyS Associated Lab, Departamento de Oceanografia e Pescas, Universidade dos Açores, Açores, 9901-862 Horta, Portugal

* contact author: vitorpaiva@ci.uc.pt

Highlights

- The spatial and trophic ecology of small seabird species is far less known when compared to their larger relatives.
- There is a sexual foraging and trophic segregation in Monteiro's storm petrels.
- Longer wings of females when compared to males might be a first driver of spatial and trophic segregation on the species.
- Sexual isotopic segregation occurred both during the breeding and the non-breeding periods
- Females exhibited a narrower isotopic niche when compared to males.

Abstract

At-sea distribution and trophic ecology of small seabird species (i.e. < 100 gr) is far less known when compared to their larger relatives. We studied the habitat use (spatial ecology) and isotopic

Download English Version:

<https://daneshyari.com/en/article/8627052>

Download Persian Version:

<https://daneshyari.com/article/8627052>

[Daneshyari.com](https://daneshyari.com)