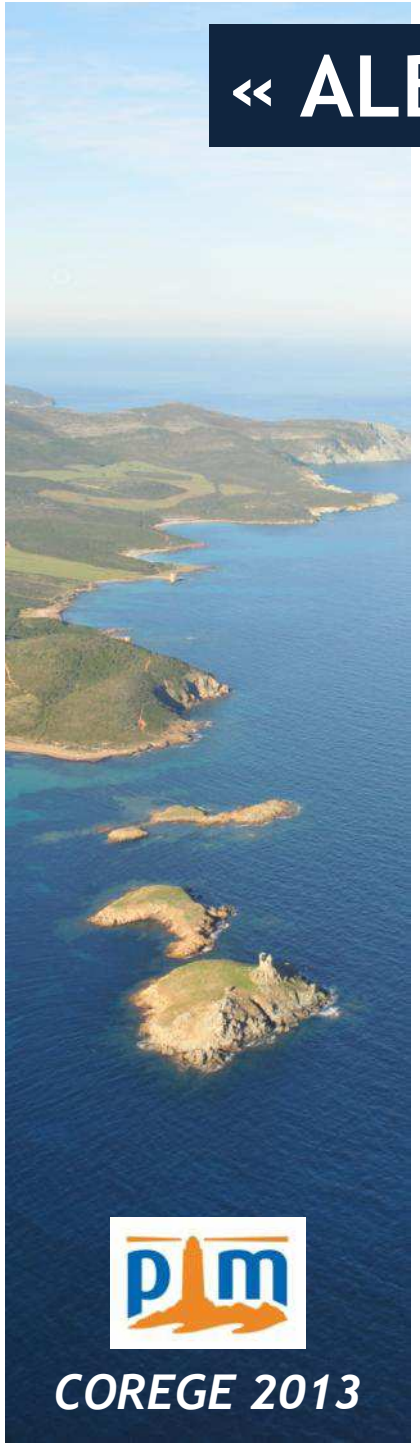
« ALBATROS » Project



TOWARD COORDINATED APPROACH OF SEABIRD AND RAPTORS CONSERVATION IN MEDITERRNEAN ISLANDS

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Mathieu THEVENET– Organisation

COREGE 2013

Conservatoire du littoral

Workshop agenda

- The Fact Sheets, what species in the future
- Harmonization of the monitoring protocols, toward what sites
- Ringing datta, toward a common Database
- Seabirds as bio-indicators of marine pollutions

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Mathieu THEVENET– Organisation / Name SURNAME - Organization

FACT SHEET SPECIES


FACT SHEET

MEDITERRANEAN STORM PETREL

HYDROBATES PELAGICUS MELITENSIS

NOVEMBER2013


FACT SHEET

OSPREY

PANDION HALIAETUS

NOVEMBER2013 - DRAFT

- Presentation of the species
- Geographical distribution of the colonies (Last census data)
- Monitoring data available, lack of information
- last important publications
- Stakes of conservation

What are the next « Fact Sheets » we should make?

➢Deadline?

➢ Editors ?

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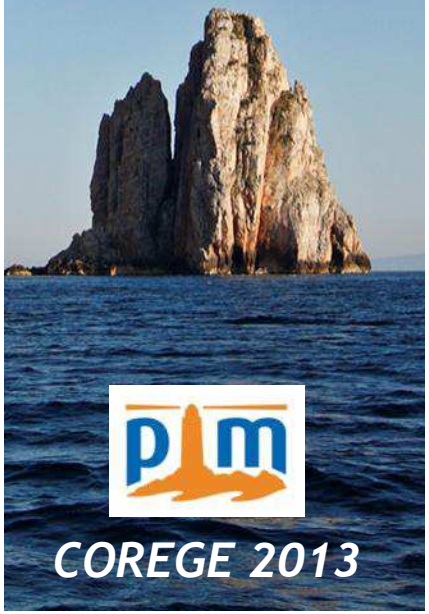
Harmonization of the monitoring protocols

French sites hosting shearwaters workshop to harmonize the breeding monitoring protocols and ringing campaigns

What was harmonized?

- Dates of monitoring
- Criteria for identifying breeding
- What information needs to be collected during ringing
- Calculation method for Breeding success



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RINGING DATA, a common Database

Currently we are adapting this database to include data of the 4 french sites => January 2014

What in the future?

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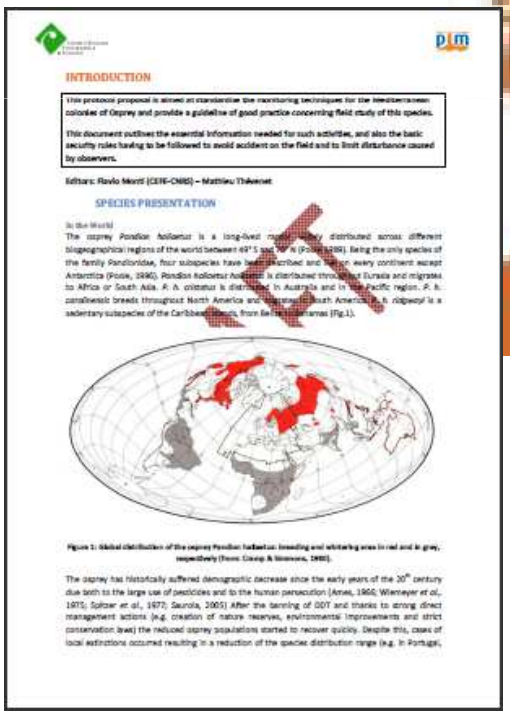
Harmonization of Osprey monitoring



INTRODUCTION

This protocol proposal is aimed at standardise the monitoring techniques for the Mediterranean colonies of Osprey and provide a guideline of good practice concerning field study of this species.

This document outlines the essential information needed for such activities, and also the basic security rules having to be followed to avoid accident on the field and to limit disturbance caused by observers.

Editors: Flavio Monti (CEFE-CNRS) – Matthieu Théwenet

SPECIES PRESENTATION

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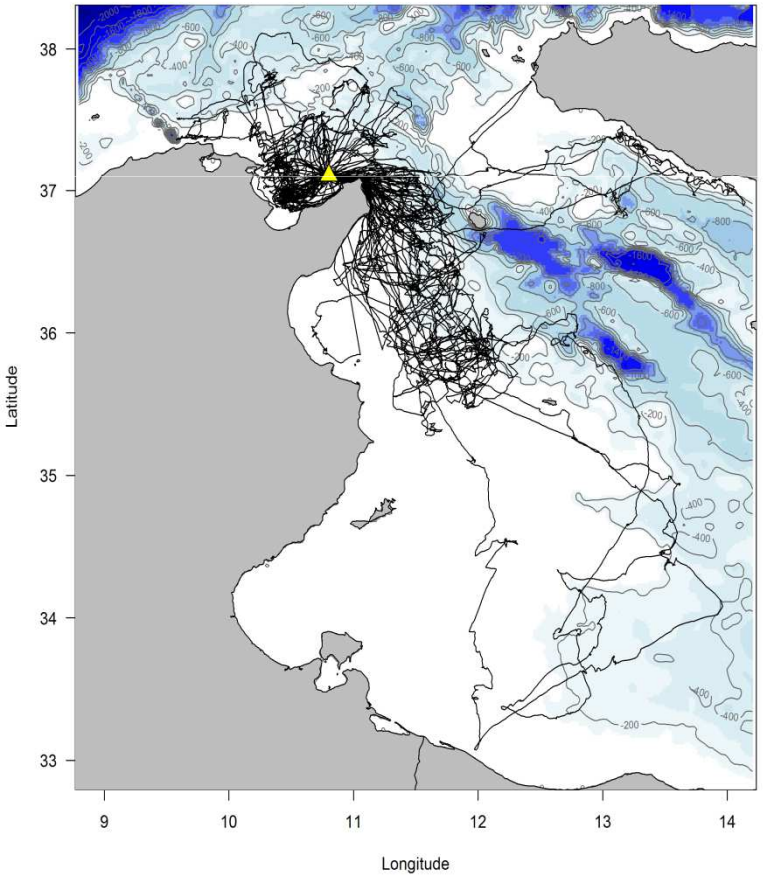
Seabirds as bio-indicators of marine pollutions



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Seabirds as bio-indicators of marine pollutions



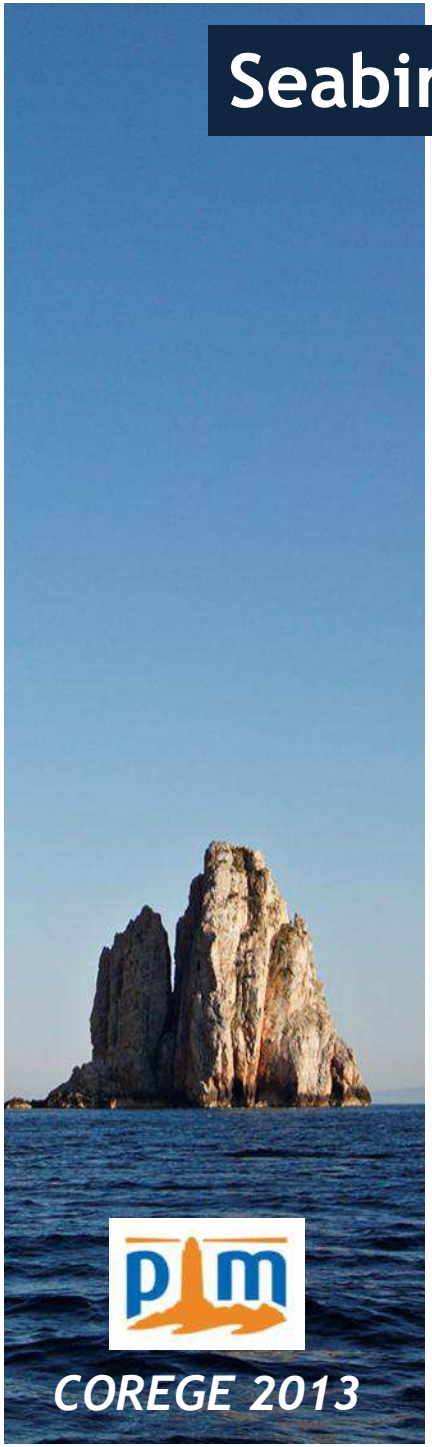
• Results obtained from only a minimally invasive sampling of specific tissues – eg a small amount of keratin, fat, or blood tissue, from just a few animals – can help answer typical management questions related to population dynamics, **contamination, or anthropogenic impacts** **Ramos & Gonzales 2012**

• Seabirds can be used as indicators of regional contaminant patterns across large temporal and spatial scales. We analysed **Hg, Se and Pb**. **Ramos et al. 2008**

Mercury on **Yellow legged Gull** and **Audouin's Gull** **Arcos et al. 2002.**
When feeding on discard => High level of Hg

Polycyclic Aromatic Hydrocarbons PAH, adapted to species feeding on mesopelagic prey **Roscales et al. 2011**

• Seabirds as bio indicators of **plastic pollutions**
=> Mediterranean Shag



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