Species priorities

Which species are being protected across the Mediterranean MPA network?

Maria Dias & Marguerite Tarzia
Present the information held by BirdLife for:

- Balearic shearwater
- Yelkouan shearwater
- Scopoli’s shearwater
- Audouin’s gull
- European shag

Quantify coverage by MPA network

Identify data gaps
Data compiled by BirdLife partners – mIBAS
Colonies, seaward extensions, foraging and passage sites
For each species:

- IBAs where the species is present

- **Overlap with MPA** network (UNEP/WCMC World Database on Protected Areas; including **SPA**)
  
  - Breeding colonies
  - At-sea sites / outside colonies
Tracking data available at the Seabird Tracking Database

http://seabirdtracking.org/

>120 contributors | >100 species | > 5 million locations
Balearic shearwater

*Puffinus mauretanicus*
Balearic shearwater

<table>
<thead>
<tr>
<th>Country</th>
<th>mIBAs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spain</td>
<td>34</td>
</tr>
<tr>
<td>Portugal</td>
<td>3</td>
</tr>
<tr>
<td>France</td>
<td>2</td>
</tr>
<tr>
<td>Gibraltar</td>
<td>1</td>
</tr>
</tbody>
</table>
Balearic shearwater: colony locations and sizes
SPA covering colony IBAs: 10/10
MPA covering colony IBAs: 10/10
SPA covering IBAs outside colonies: 30/30
MPA covering IBAs outside colonies: 30/30
Tracking data – data available in the Seabird Tracking Database [http://seabirdtracking.org/](http://seabirdtracking.org/)
Colonies with tracking data: 4 - Formentera, Ibiza, Mallorca, Menorca
7 different datasets (1999 – 2012)
30 tracks (17 during breeding)

Data contributors: Asuncion Ruiz, Pep Arcos, Maite Louzao
Yelkouan shearwater

*Puffinus yelkouan*
Yelkouan shearwater

Country | mIBA
---|---
Greece | 50
Italy | 12
Malta | 10
Bulgaria | 6
Turkey | 5
France | 5
Spain | 5
Romania | 2
Russia | 1
Georgia | 1
Slovenia | 1

Map showing the distribution and IBA locations of Yelkouan shearwater across various countries in Europe.
Yelkouan shearwater: colony locations and sizes
SPA covering colony IBAs: 33/33
MPA covering colony IBAs: 33/33
How important are these unprotected sites?
Abundance data

Turkey (Bosphorus)
Tracking data – data available in the Seabird Tracking Database [http://seabirdtracking.org/](http://seabirdtracking.org/)
Tracking data – data available in the Seabird Tracking Database [http://seabirdtracking.org/](http://seabirdtracking.org/)
Colonies with tracking data: 4 - Iles Hyeres, Majjistral, Malta, Rdum Tal Madonna
6 different datasets (2006 – 2014)
109 tracks (75 breeding)

Data contributors: Andre Raine, Benjamin Metzger, Jacob Gonzalez-Solis
Scopoli’s shearwater
*Calonectris diomedea*
Scopoli’s shearwater

Country mIBA
Greece 45
Spain 23
Italy 16
Malta 11
France 6
Croatia 1
Tunisia 2
Gibraltar 1
Scopoli’s shearwater: colony locations and sizes
SPA covering colony IBAs: 50/51
MPA covering colony IBAs: 51/51
Scopoli's Shearwater; at-sea

SPA covering IBAs outside colonies: 50/53
MPA covering IBAs outside colonies: 53/53
Tracking data – data available in the Seabird Tracking Database [http://seabirdtracking.org/](http://seabirdtracking.org/)
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Colonies with tracking data: 17 (sites: Balearic Archipelago, Chafarinas, Columbretes, Filfla, Gozo, La Maddalena Archipelago, Linosa, Malta, Tremiti Archipelago, Tuscany Archipelago)

30 different datasets (2000 – 2014)
918 tracks (899 during breeding)

Data contributors: Andre Raine, Benjamin Metzger, Daniel Oro, Giorgia Gaibani, Jacob Gonzalez-Solis, Jacopo G. Cecere, Pep Arcos
Audouin’s gull
Larus audouinii
Audouin’s gull

Country | mIBA
---|---
Spain | 50
Greece | 40
Italy | 17
France | 11
Morocco | 8
Turkey | 6
Algeria | 2
Cyprus | 2
Tunisia | 2
Georgia | 1
Gibraltar | 1
Audouin’s gull: colony locations and sizes
SPA covering colony IBAs: 57/65
MPA covering colony IBAs: 58/65
SPA covering IBAs outside colonies: 60/75
MPA covering IBAs outside colonies: 66/75
Tracking data – data available in the Seabird Tracking Database [http://seabirdtracking.org/](http://seabirdtracking.org/)
Colonies with tracking data: 3 - Ebro Delta, Ibiza/Sa Conillera, Menorca/Illa de l'Aire
5 different datasets (2010 – 2012)
1263 tracks! (all during breeding)

Data contributors: Pep Arcos
European shag

*Phalacrocorax aristotelis*
European shag: colony locations and sizes
SPA covering colony IBAs: 67/83
MPA covering colony IBAs: 73/83
SPA covering IBAs outside colonies: 46/53
MPA covering IBAs outside colonies: 47/53
Colonies with tracking data: 1 - Illot de Formen/Mallorcator
1 dataset (2010)
1 track

Data contributors: Pep Arcos
Unprotected mIBAs with important numbers:

**Yelkouan Shearwater:**
- **Turkey** - outside colony: Bosphorus

**European Shag:**
- **Turkey** - colonies:
  - Ayvalık
  - Marmara Islands
  - Amasra Coast
- outside colonies: Bosphorus
- Good coverage of MPA in Europe for existing mIBA

- Main gaps:
  - Baseline data for north African coast (colonies?)
  - Non-breeding / at sea sites
Thank you!   Questions?

We are the Power of Many!