

 <p data-bbox="217 544 456 580">Agreement on the Conservation of Albatrosses and Petrels</p>	<p data-bbox="555 241 1406 327"><b>First Meeting of the Population and Conservation Status Working Group</b></p> <p data-bbox="788 344 1406 383"><i>La Rochelle, France, 29 – 30 April 2013</i></p> <p data-bbox="552 459 1342 555"><b>Global Procellariiform Tracking Database update</b></p> <p data-bbox="512 580 1382 618"><b><i>Ben Lascelles and Mark Miller, BirdLife International</i></b></p>
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### SUMMARY

Since AC6 in August 2011 295 new tracks, covering eight different species of seabirds, have been added to the tracking database. These include 5 new datasets for ACAP listed species covering; White-capped Albatross from the Auckland Islands; Northern Royal Albatross from Tairaroa Head, New Zealand; Westland Petrel from Punakaiki, New Zealand; Black-browed Albatross from New Island, Falklands Islands (Isla de Goicoechea, Islas Malvinas)<sup>1</sup> and Atlantic Yellow-nosed Albatross from Gough Island.

The tracking database currently holds tracking data offline for a further 13 species of Procellariiform (primarily Pterodroma and Shearwaters). This includes a single dataset provided by SEO/BirdLife for Balearic Shearwater. BirdLife hopes to upload these to seabirdtracking.org over the course of 2013.

The tracking database has received many data-use requests over the past 18 months, these range in scope from school projects to inputs to RFMO meetings. BirdLife itself has had a request approved to identify Important Bird Areas (IBAs) and input to the Convention on biological Diversity (CBD) process to identify Ecologically or Biologically Significant marine Areas (EBSAs) in need of protection. This has proved to be a valuable process that has showcased the benefit of the database to Marine Protected Area and marine spatial planning processes.

All data can be viewed at [www.seabirdtracking.org](http://www.seabirdtracking.org)

### RECOMMENDATIONS

Request and encourage further submission of Balearic Shearwater tracking data to [www.seabirdtracking.org](http://www.seabirdtracking.org)

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<sup>1</sup> A dispute exists between the Governments of Argentina and the United Kingdom of Great Britain and Northern Ireland concerning sovereignty over the Falkland Islands (Islas Malvinas), South Georgia and the South Sandwich Islands (Islas Georgias del Sur e Islas Sandwich del Sur) and the surrounding maritime areas.

### **Actualización de la Base de datos de seguimiento global de procellariiformes**

Desde la CA6 en agosto de 2011, se agregaron a la base de datos de seguimiento 295 rastros nuevos, que cubren ocho especies distintas de aves marinas. Estos incluyen 5 conjuntos de datos nuevos para las especies incluidas en la lista del ACAP, que cubren: albatros de frente blanca de las islas Auckland; albatros real del norte de Taiaroa Head, Nueva Zelanda; petrel de Westland de Punakaiki, Nueva Zelanda; albatros de ceja negra de New Island, Falklands Islands (Islas Malvinas)<sup>1</sup> y albatros de pico amarillo del Atlántico de Isla Gough.

Actualmente contamos con datos de seguimiento para otras 13 especies de procellariiformes (principalmente Pterodroma y pardelas) fuera de la base de datos. Esto incluye un solo conjunto de datos proporcionado por SEO/BirdLife para la pardela Balear. Esperamos cargarlos a seabirdtracking.org durante el año 2013.

La base de datos de seguimiento ha recibido muchas solicitudes de uso de datos durante los últimos 18 meses, que abarcan desde proyectos escolares a aportes a las reuniones de la OROP. La propia BirdLife obtuvo la aprobación de una solicitud para identificar Zonas de aves importantes (ZAI) y realizar aportes al proceso de la Convención sobre Diversidad biológica (CDB) para identificar Zonas marinas ecológica o biológicamente significativas (EBSA) que requieren protección. Este proceso resultó ser muy valioso que ha resaltado el beneficio de la base de datos para los procesos de planificación de Zonas Marinas Protegidas y de planificación espacial marina.

Se pueden consultar todos los datos en [www.seabirdtracking.org](http://www.seabirdtracking.org)

### **RECOMENDACIONES**

Solicitar y alentar para que se continúen presentando datos de seguimiento de la pardela Balear a [www.seabirdtracking.org](http://www.seabirdtracking.org)

### **Mise à jour de la base de données mondiale de suivi des Procellariiformes**

Depuis CC6 en août 2011, 295 nouvelles données de suivi portant sur huit espèces d'oiseaux marins ont été incorporées à la base de données mondiale de suivi des Procellariiformes. Ces données de suivi comportent 5 nouveaux ensembles de données portant sur les espèces inscrites à l'ACAP : l'albatros à cape blanche des îles Auckland ; l'albatros royal du Nord de Taiaroa Head, Nouvelle-Zélande ; le puffin du Westland de Punakaiki, Nouvelle-Zélande ; l'albatros à sourcils noirs de New Island, îles Malouines (Islas Malvinas) et l'albatros à nez jaune de l'île Gough.

Nous disposons actuellement de données de suivi portant sur 13 autres espèces de Procellariiformes (principalement Pterodroma et puffins) non reprises dans la base de données. Ces données de suivi comportent un ensemble de données portant sur le puffin

des Baléares, fourni par SEO/Birdlife. Nous espérons pouvoir télécharger ces données sur le site seabirdtracking.org dans le courant de l'année 2013.

Au cours des 18 derniers mois, BirdLife a reçu de nombreuses demandes d'utilisation des données reprises dans la base de données de suivi, que ce soit pour des projets pédagogiques ou des réunions d'ORGP. BirdLife a approuvé une demande d'identification de ZICO (zones importantes pour la conservation des oiseaux) et de contribution au processus de la Convention sur la diversité biologique (CDB) pour identifier des aires marines d'importance écologique ou biologique (AIEB) ayant besoin d'être protégées. Ce précieux processus a mis en exergue les bénéfices qu'apporte la base de données aux aires marines protégées et aux processus de planification de l'espace maritime.

Toutes les données sont disponibles à l'adresse suivante : [www.seabirdtracking.org](http://www.seabirdtracking.org)

### RECOMMANDATIONS

Il est recommandé d'encourager la soumission de nouvelles données de suivi portant sur le puffin des Baléares à l'adresse suivante : [www.seabirdtracking.org](http://www.seabirdtracking.org)

## 1. DATABASE ASSESSMENT

### 1.1. New Data Submissions

Since AC6 in August 2011 295 new tracks, covering 8 different species of seabirds, have been added to the tracking database. These include 5 new datasets for ACAP listed species.

Common name	Site	Tracks	Type	Data Owner(s)
White-capped Albatross	Auckland Islands	80	GLS	NIWA, David Thompson, Paul Sagar
Northern Royal Albatross	New Zealand	3	GPS	Bindi Thomas
Westland Petrel	New Zealand	8	GLS	Todd Landers
Black-browed Albatross	Falkland Islands (Islas Malvinas) <sup>1</sup>	33	GLS	David Gremillet
Atlantic Yellow-nosed Albatross	Gough Island	7	PTT	Richard Cuthbert

**Table 1:** Summary of tracking data for ACAP listed species added to [seabirdtracking.org](http://seabirdtracking.org) since AC6 in August 2011.

New datasets were made available for White-capped Albatross, Black-browed Albatross, Atlantic Yellow-nosed Albatross, Northern Royal Albatross and Westland Petrel. For several species such as Black-browed Albatross, Buller's Albatross and Southern Giant Petrel, it is thought that the tracking database now holds all available data for these species.

These additions have also meant that for many species the tracking database now has multiple years of tracking data, often from the same locations, which is extremely useful for understanding species' distribution and fidelity to certain ocean areas over time. Data have

also been submitted from five different species breeding on Marion Island in the Southern Indian Ocean which has significantly improved our data coverage in this region.

The database currently holds tracking data for a further 13 species of Procellariiform (primarily Pterodroma and Shearwaters) offline, which includes a single dataset provided by SEO/BirdLife for Balearic Shearwater. Additionally, following a collaborative analyses in May 2012 between BirdLife and Chize-CNRS, France a large amount of tracking data has been made available for the Southern Indian Ocean. These data include ACAP species; Wandering Albatross, Amsterdam Albatross, Sooty Albatross, Light-mantled Albatross, Indian Yellow-nosed Albatross, Black-browed Albatross, Grey Petrel and White-chinned Petrel. We hope to upload these to seabirdtracking.org over the course of 2013.

## **1.2. Data Gaps**

Having stated in our report to AC6 that the tracking database now holds tracking data for all ACAP listed species, the addition of Balearic Shearwater to the ACAP list now means further work is needed to reaffirm this statement. SEO/BirdLife (BirdLife in Spain) have recently submitted some data for this species, but a data request circular is needed to secure a more complete submission for this species.

The majority of data gaps highlighted in the report to AC6 remain. This included some breeding stages from some breeding sites, and three species for which data during the non-breeding is absent.

## **2. DATA REQUESTS**

### **2.1. RFMO papers**

An analysis of the overlap between albatross and giant-petrel distribution and global tuna and swordfish fisheries was prepared for the July 2011 Joint Tuna RFMO meeting (Aldermann et al. 2011. Albatross and giant-petrel distribution across the world's tuna and swordfish fleets). This analysis had the support of all GPTD data holders, and made use of the large number of new data added over the last couple of years. The paper showed that 91% of albatross breeding distribution overlaps with the global tuna commissions. It highlighted that all five commissions are important for albatross conservation, and that albatross distributions frequently overlap more than one tuna commission, highlighting the vital need for coordination of conservation measures between them.

The paper was well received, and particularly enhanced discussions with Japan, making a major contribution to plans for the Japanese National Institute of Far Seas Fisheries to undertake further collaborative analysis with the tracking database. Part of this was put to immediate effect in terms of working to provide Japan with analyses of albatross tracking data to input into the ecosystem and bycatch working groups of the Atlantic and Indian Ocean tuna commissions (the International Commission for the Conservation of Atlantic Tunas, ICCAT, and the Indian Ocean Tuna Commission, IOTC) in 2011 (e.g. Inoue et al. 2011. Preliminary view of bycatch hotspot: distribution of seabirds from tracking data,

interaction map between seabird distribution and longline effort and bycatch distribution in the ICCAT conventional area of the southern hemisphere).

In 2012 BirdLife increased engagement with the new South Pacific Regional Fishery Management Organisation (SPRFMO). With permission of the GPTD data owners, BirdLife presented a paper to SPRFMO in 2012 which described the overlap between SPRFMO fisheries and albatrosses and petrels. This played an effective role in establishing dialogue on bycatch issues in SPRFMO, and in engaging with delegations such as New Zealand, Australia, the EU, Chile and China. This paper has been a springboard for planned further engagement in 2013-2014.

## **2.2 BirdLife marine Important Bird Areas (IBA) inventory**

Since 2009 BirdLife has had permission from data owners to analyse tracking data held in the GPTD to identify marine IBAs. This has been done on a “data-group” basis, defined as all data relevant to each unique combination of species, breeding site and life-history stage. This kind of analysis is needed to ensure variations in the location of critical at-sea areas are adequately captured during different times of year. Critical at-sea areas were identified for each unique data-group, and combined into single sites where overlaps occurred. Areas that resulted were discussed with data owners and national BirdLife Partners to enable refinements to be made.

In October 2012 this assessment of all the data held within the GPTD was completed, and resulting sites included within BirdLife *1<sup>st</sup> Global Inventory of marine IBAs*, which was officially launched as an *e-Atlas* (<http://maps.birdlife.org/marineIBAs/default.html>) at a side event held at the 11<sup>th</sup> Conference of the Parties to the Convention on Biological Diversity (CBD), held in Hyderabad, India in Oct 2011.

The *e-Atlas* includes 3,103 sites, 120 of which are on the high seas, and cover 22 million km<sup>2</sup> or 6.2% of the oceans. Around 700 sites have been identified via the analysis of tracking data, as well as 1600 seabird breeding colonies that qualify as IBAs and a further 800 coastal IBAs identified via the work of BirdLife Partners. The *e-atlas* includes data and sites for over 150 coastal countries, with in depth marine country profiles, highlighting seabird priorities and protected area progress, for 70 of these. This work has been made possible via the contributions of over 100 tracking data providers and the inputs of over 1000 seabird, marine and other scientists to the IBA process.

The *e-Atlas* represents a breakthrough in the format of BirdLife’s IBA inventories, being available exclusively online. The *e-atlas* will be dynamically updated as new sites are identified and new data about them become available. The sites included have been linked to a number of other BirdLife data resources, including BirdLife’s species accounts, IBA fact sheets, country profiles and State of the World’s Birds case studies. The case studies have been developed on a species by species basis, and follow a pressure-state-response framework (in line with that adopted by CBD) highlighting the key threats to each species and providing examples of existing actions to manage and minimise them.

The *e-Atlas* provides essential information for conservation practitioners and policy makers; for energy sector planners (windfarms, gas and oil exploration and drilling); for fisheries managers; for marine pollution management planners; and for the insurance industry. The hope is that this will be a key resource for management of the oceans for years to come, and shows the wider marine community the benefits that can be achieved when data are shared for conservation purposes.

The success of this project in encouraging participation in the tracking database leaves a lasting legacy. It has allowed the tracking database to be identified as the primary compiler of seabird tracking data for the wider community, with many researchers promising further new data submissions and requests for the remit of the tracking database to be expanded beyond Procellariiformes.

### **2.3 Ecologically or Biologically Significant Areas (EBSAs)**

Since 2011 BirdLife has had permission from data owners to analyse tracking data held in the GPTD to input to the CBD process to identify Ecologically or Biologically Significant marine Areas (EBSAs) in need of protection. This process has been taken forward by a series of regional workshops, where relevant marine data layers have been compiled, and then reviewed, by government nominated and invited marine experts to describe areas that meet one or more of the set of 7 EBSA criteria.

BirdLife have submitted seabird data in the form of IBAs (many resulting from the analysis of tracking data mentioned under 2.2) and been in attendance at all EBSA expert regional workshops to date. Our inputs to these workshops have been greatly valued and BirdLife has received kind thanks from the CBD Secretariat, government representatives and the official data compilers for the marine IBA contributions. It would be fair to say that the marine IBA inputs have been the most comprehensive and complete of any input to the EBSA identification, resulting in widespread buy-in to the marine IBA methodologies and the resulting sites. Following these approaches the tracking database has proved to be a vital resource for the identification of EBSAs.

There have been 5 CBD led EBSA workshops to date, a brief summary of BirdLife's input to them and the results of each are given below.

#### *2.3.1. North East Atlantic*

A joint OSPAR/NEAFC/CBD Scientific Workshop to describe EBSAs in the North-East Atlantic (France, Sept 2011). The remit of the workshop was restricted to Areas Beyond National Jurisdiction (ABNJ) and BirdLife were the only group representing mobile taxa present at the workshop. 10 EBSAs were agreed: 4 of these as stand-alone seabird EBSAs based on IBA data and the remaining 6 with seabirds as a qualifying feature along with other taxa and habitats. The workshop report was considered by SBSTTA 15 and went forward to CBD COP11 for approval. However further work on the sites was deemed necessary and the report wasn't adopted by the COP. It will be developed further and submitted again at the subsequent SBSTTA and COP for review.

#### *2.3.2. South Pacific*

The joint Secretariat of the Pacific Regional Environment Programme (SPREP)/CBD workshop to facilitate the description of EBSAs in the Western South Pacific (Fiji, Nov 2011). The workshop included both EEZ and ABNJ. BirdLife once again contributed an extensive dataset of prioritised seabird information in the form of IBA maps to the workshop, and were invited to attend the meeting. The workshop described and agreed 26 EBSAs, 10 of which include IBAs, and 3 were based solely on IBA. The workshop report was considered by SBSTTA 15 and went forward to CBD COP11 where all sites were approved.

#### *2.3.3. Wider Caribbean and Western Mid-Atlantic*

The joint United Nations Environment Programme – Caribbean Environment Programme (UNEP-CEP)/Government of Brazil/CBD workshop to facilitate the description of EBSAs in the Wider Caribbean and Western Mid-Atlantic (Brazil, Feb 012). The workshop included both EEZ and ABNJ. BirdLife once again contributed an extensive dataset of prioritised seabird information in the form of IBA maps to the workshop, and were invited to attend the meeting and given the opportunity to present during the opening and closing plenaries. The workshop described and approved 22 EBSAs, containing all or part of around 80 IBAs in both coastal and pelagic waters. The workshop report was considered by SBSTTA 15 and went forward to CBD COP11 where all sites were approved.

#### *2.3.4. Southern Indian Ocean*

The joint FAO/Nairobi Convention/CBD workshop to facilitate the description of EBSAs in the Southern Indian Ocean (Mauritius, Aug 2012). BirdLife was heavily involved in the preparatory discussions for this workshop and facilitated discussions with both the Nairobi Convention and the West Indian Ocean Marine Science Association. Our inputs were fundamental in ensuring the buy-in and collaboration of the Nairobi Convention Secretariat. The workshop covered both EEZ and ABNJ and included a training day (which BirdLife helped to facilitate) prior to the main EBSA workshop. BirdLife again submitted a prioritised seabird layer consisting of marine IBAs, and again enjoyed considerable successes with the vast majority of our IBAs being incorporated into the 55 EBSAs described at the workshop. As the workshop was held after SBSTTA 15, the workshop report was not able to be considered by CBD COP11. It will be submitted to SBSTTA 16 or 17 and then put forward to COP12.

#### *2.3.5. Eastern Tropical and Temperate Pacific*

The joint Comisión Permanente del Pacífico Sur (CPPS)/CBD workshop to facilitate the description of EBSAs in the Eastern Tropical and Temperate Pacific (Galapagos, Sept 2012). The workshop covered both EEZ and ABNJ and included a training day (which BirdLife helped to facilitate) prior to the main EBSA workshop. BirdLife submitted a prioritised seabird layer consisting of marine IBAs, and again enjoyed considerable successes with the vast majority of our IBAs being incorporated into the 21 EBSAs described at the workshop. As the workshop was held after SBSTTA 15, the workshop report was not able to be considered by CBD COP11. It will be submitted to SBSTTA 16 or 17 and then put forward to COP12.

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## ANNEX 1

Summary of tracking data held at [seabirdtracking.org](http://seabirdtracking.org) for ACAP listed species, including; the number of different sites with tracking data, and the number of sites with tracking data for each life-history stage.

Species	No Sites	Incubation	Brood-Guard	Post-guard	Non-breeding	Unknown
Amsterdam Albatross	1	1			1	
Antipodean Albatross	3	2	2	2	3	1
Atlantic Yellow-nosed Albatross	1	1	1	1	1	
Balearic Shearwater	0	0	0	0	0	0
Black-browed Albatross	12	10	5	6	8	4
Black-footed Albatross	3	1	1	1	3	1
Buller's Albatross	5	3	3	2	4	1
Campbell Albatross	1					1
Chatham Albatross	1				1	1
Grey Petrel	1				1	1
Grey-headed Albatross	6	5	3	3	3	2
Indian Yellow-nosed Albatross	2	1	1		1	2
Laysan Albatross	3	2	2	2	2	
Light-mantled Albatross	4	1	1	1		2
Northern Giant-petrel	3	1	1	1	2	2
Northern Royal Albatross	3	2			3	2
Parkinson's Petrel	2	2			2	2
Salvin's Albatross	1				1	1
Short-tailed Albatross	2			1	2	
Shy Albatross	3	3	1	1	3	
Sooty Albatross	4	1	1	1	2	3
Southern Giant-petrel	6	2	4	3	4	1
Southern Royal Albatross	1	1				
Spectacled Petrel	1				1	
Tristan Albatross	1	1	1	1	1	
Wandering Albatross	7	4	4	4	5	
Waved Albatross	2	1	1			1
Westland Petrel	1			1		1
White-capped Albatross	3	1	2	2	3	1
White-chinned Petrel	3	2			2	3

## ANNEX 2

Summary of all data held within seabirdtracking.org for ACAP listed species including; the sites where tracking data was collected, the device type used, the years covered within the database (NB not all years within the range will have tracking data), the number of tracks, the life-history stage covered, and the contributors.

Species	Site	Device	Year	Tracks	Pre-egg	Incubation	Brood-Guard	Post-guard	Unknown	Non-breeding	Contributor
Amsterdam Albatross	Ile Amsterdam	PTT	1996-2005	18		1				1	Henri Weimerskirch
Antipodean Albatross	Antipodes Islands	PTT	1996 - 2004	97	1	1	1	1		1	David Nicholls; Kath Walker
Antipodean Albatross	Auckland Islands	PTT	1994 - 2003	65	1	1	1	1	1	1	David Nicholls; Kath Walker
Antipodean Albatross	Non-breeding, site unknown	PTT	1994	1						1	David Nicholls
Atlantic Yellow-nosed Albatross	Gough Island	GLS, PTT	2001 - 2006	120	1	1	1	1		1	Richard Cuthbert
Black-browed Albatross	Islas Diego Ramirez	GLS, PTT	1997-2002	141		1	1	1	1	1	British Antarctic Survey, Javier Arata, Graham Robertson
Black-browed Albatross	Isla Diego de Almagro	PTT	2001	13		1					Graham Robertson
Black-browed Albatross	Islas Ildefonso	PTT	2001	26		1					Graham Robertson
Black-browed Albatross	Beauchene Island	PTT	2000	60		1		1		1	Nic Huin
Black-browed Albatross	Saunders Island (Islas Trinidad)	PTT, GLS	1998 - 2000	253	1	1	1	1	1	1	Nic Huin, British Antarctic Survey,
Black-browed Albatross	Steeple Jason Island (Los Salvajes)	PTT, GPS	2006 - 2014	47		1		1		1	Nic Huin, José Pedro Granadeiro, Paulo Catry, Flavio Quintana
Black-browed Albatross	New Island (Isla de Goicoechea)	GPS	1996 - 2010	366		1	1			1	José Pedro Granadeiro, Paulo Catry, David Grémillet
Black-browed Albatross	Heard & McDonald Islands	PTT	2003 - 2004	10					1		Dave Watts
Black-browed Albatross	Iles Kerguelen	PTT	1994 - 1999	26		1		1			Henri Weimerskirch
Black-browed Albatross	Macquarie Island	PTT	1999 - 2006	9		1	1			1	Rachael Alderman, Rosemary Gales
Black-browed Albatross	Non-breeding, site unknown	PTT	2005 - 2006	8						1	Samantha Petersen
Black-browed Albatross	Bird Island, South Georgia (Isla Pajaro, Georgias del Sur) <sup>1</sup>	GLS, PTT	1992 - 2003	563	1	1	1	1	1	1	British Antarctic Survey

Species	Site	Device	Year	Tracks	Pre-egg	Incubation	Brood-Guard	Post-guard	Unknown	Non-breeding	Contributor
Black-footed Albatross	Non-breeding, site unknown	PTT	1997 - 2005	33						1	Michelle Hester, David Hyrenbach,
Black-footed Albatross	Midway Atoll, Hawaii	PTT	2006	10						1	Scott Shaffer
Black-footed Albatross	Tern Island, French Frigate Shoals, Hawaii	GLS, PTT	1998 - 2008	154		1	1	1	1	1	Scott Shaffer
Buller's Albatross	Chatham Islands	GPS	2008	2		1					Lorna Deppe, NIWA, Paul Scofield
Buller's Albatross	Snares Islands	PTT	1995 - 2002	266	1	1	1	1		1	Jean-Claude Stahl, Paul Sagar, Henri Weimerskirch
Buller's Albatross	South East Island, Snares Islands	GPS	2005	19						1	Susan Waugh, Akira Suzuki
Buller's Albatross	Mollymawk and Punui Bay, Snares Islands	GPS, GLS	2008 - 2011	178			1		1	1	NIWA, David Thompson, Paul Sagar
Buller's Albatross	Solander Islands	PTT	1997 - 2002	186		1	1	1		1	Jean-Claude Stahl, Paul Sagar
Campbell Albatross	Campbell Island	PTT	1997	10					1		Henri Weimerskirch
Chatham Albatross	Chatham Islands	GPS, PTT, GLS	1997-2008	71					1	1	Lorna Deppe, NIWA, Paul Scofield, Christopher Robertson, David Nicholls, Susan Waugh
Grey Petrel	Antipodes Islands	GLS	2009 - 2010	49					1	1	NIWA, David Thompson
Grey-headed Albatross	Campbell Island	PTT	1997	5				1			Henri Weimerskirch
Grey-headed Albatross	Islas Diego Ramirez	PTT	1997 - 2002	67		1	1	1		1	Javier Arata, Graham Robertson
Grey-headed Albatross	Islas Ildefonso	PTT	2001	1		1					Graham Robertson
Grey-headed Albatross	Macquarie Island	PTT	1999 - 2006	10		1	1			1	Rachael Alderman, Rosemary Gales
Grey-headed Albatross	Marion Island, Prince Edward Islands	PTT	1997 - 1998	6		1			1		Deon Nel
Grey-headed Albatross	Bird Island, South Georgia (Isla Pajaro, Georgias del Sur)	PTT, GLS	1991 - 20003	359		1	1	1	1	1	British Antarctic Survey
Indian Yellow-nosed Albatross	Ile Amsterdam	PTT	1995-2006	63		1	1		1	1	Henri Weimerskirch
Indian Yellow-nosed Albatross	Prince Edward Islands	PTT	2011	8					1		Robert Crawford, Azwianewi Makhado

Species	Site	Device	Year	Tracks	Pre-egg	Incubation	Brood-Guard	Post-guard	Unknown	Non-breeding	Contributor
Laysan Albatross	Tern Island, French Frigate Shoals	PTT, GLS	1998 - 2008	174		1	1	1		1	Scott Shaffer, Michelle Kappes, Dave Anderson
Laysan Albatross	Isla Guadalupe	PTT	2003 - 2006	101		1	1	1			Scott Shaffer, Michelle Kappes
Laysan Albatross	Non-breeding, site unknown	PTT	2005 - 2006	18						1	Rob Suryan, Gregory R Balogh
Light-mantled Albatross	Heard Island	PTT	2003 - 2004	6					1		Dave Watts
Light-mantled Albatross	Macquarie Island	PTT	1992 - 2003	14		1	1				Rosemary Gales, Henri Weimerskirch, Graham Robertson
Light-mantled Albatross	Marion Island, Prince Edward Islands	PTT	2002-2009	8					1		Robert Crawford, Azwianewi Makhado
Light-mantled Albatross	Bird Island, South Georgia (Isla Pajaro, Georgias del Sur) <sup>1</sup>	PTT	2003	42				1			British Antarctic Survey
Northern Giant-petrel	Bird Island, South Georgia (Isla Pajaro, Georgias del Sur) <sup>1</sup>	GLS, PTT	1998 - 2001	112		1	1	1		1	Jacob Gonzalez-Solis, British Antarctic Survey
Northern Giant-petrel	Macquarie Island	PTT	2005 - 2007	9					1	1	Rachael Alderman, Rosemary Gales
Northern Giant-petrel	Marion Island, Prince Edward Islands	PTT	2008 - 2010	5					1		Robert Crawford, Azwianewi Makhado
Northern Royal Albatross	Taiaroa Head, New Zealand	GPS, PTT	1993 - 2008	62		1			1	1	Susan Waugh, Akira Suzuki, Christopher Robertson, David Nicholls, Bindi Thomas
Northern Royal Albatross	Chatham Islands	PTT	1994 - 1998	20		1			1	1	Christopher Robertson, David Nicholls
Northern Royal Albatross	The Fourty-Fours, Chatham Islands	GLS	2008	5						1	Lorna Deppe, NIWA, Paul Scofield
Parkinson's Petrel	Great Barrier Island, New Zealand	GLS	2005 - 2009	67		1			1	1	Elizabeth Bell
Parkinson's Petrel	Little Barrier Island, New Zealand	GLS	2007 - 2008	13		1			1	1	Elizabeth Bell
Salvin's Albatross	Toru, Western Chain, Snares Islands	GLS	2008 - 2010	68					1	1	NIWA, David Thompson
Short-tailed Albatross	Torishima, Izu Shoto	PTT	2002 - 2007	52				1		1	Rob Suryan
Short-tailed Albatross	Non-breeding, site unknown	PTT	2003 - 2006	9						1	Rob Suryan

Species	Site	Device	Year	Tracks	Pre-egg	Incubation	Brood-Guard	Post-guard	Unknown	Non-breeding	Contributor
Shy Albatross	Mewstone, Tasmania	PTT	1997 - 2002	16		1				1	Rachael Alderman, Rosemary Gales
Shy Albatross	Pedra Branca, Tasmania	PTT	1997 - 2005	11		1				1	Rachael Alderman, Rosemary Gales
Shy Albatross	Albatross Island, Tasmania	PTT	1993 - 1997	71		1	1	1		1	Rachael Alderman, Rosemary Gales
Sooty Albatross	Iles Crozet	PTT	1992 - 1995	26					1		Henri Weimerskirch
Sooty Albatross	Gough Island	GLS, PTT	2003 - 2007	62		1	1	1	1	1	Ross Wanless
Sooty Albatross	Ile Amsterdam	PTT	2009 - 2011	5						1	Henri Weimerskirch
Sooty Albatross	Marion Island, Prince Edward Islands	PTT	2008 - 2009	10					1		Robert Crawford, Azwianewi Makhado
Southern Giant-petrel	Isla Gran Robredo, Argentina	PTT	1999 - 2007	17		1	1			1	Flavio Quintana
Southern Giant-petrel	Isla Observatorio, Argentina	PTT	2004	7				1			Flavio Quintana
Southern Giant-petrel	Isla Arce, Argentina	PTT	2001-2008	9			1			1	Flavio Quintana
Southern Giant-petrel	Macquarie Island	PTT	2005 - 2007	13			1	1		1	Rachael Alderman, Rosemary Gales
Southern Giant-petrel	Marion Island, Prince Edward Islands	PTT	2008 - 2010	5					1		Robert Crawford
Southern Giant-petrel	Bird Island, South Georgia (Isla Pajaro, Georgias del Sur) <sup>1</sup>	GLS, PTT	1998 - 2003	126		1	1	1		1	Jacob Gonzalez-Solis, British Antarctic Survey
Southern Royal Albatross	Campbell Island	PTT	1999	17		1					Henri Weimerskirch, Susan Waugh
Spectacled Petrel	At-Sea	PTT	2006 - 2007	5						1	Leandro Bugoni
Tristan Albatross	Gough Island	PTT, GLS	2001	162		1	1	1		1	Richard Cuthbert, Ross Wanless
Wandering Albatross	Iles Crozet	PTT	1989 - 2001	204		1	1	1			Henri Weimerskirch
Wandering Albatross	Ile de la Possession, Iles Crozet	PTT	2001 - 2003	13						1	Henri Weimerskirch
Wandering Albatross	Iles Kerguelen	PTT	1998 - 1999	11			1	1			Henri Weimerskirch
Wandering Albatross	Macquarie Island	PTT	2003 - 2006	8		1				1	Rachael Alderman, Rosemary Gales

Species	Site	Device	Year	Tracks	Pre-egg	Incubation	Brood-Guard	Post-guard	Unknown	Non-breeding	Contributor
Wandering Albatross	Non-breeding, site unknown	PTT	1992 - 1995	7						1	David Nicholls
Wandering Albatross	Prince Edward Islands	PTT	1997 - 2007	25		1	1	1		1	Deon Nel, David Nicholls, Christopher Robertson
Wandering Albatross	Bird Island, South Georgia (Isla Pajaro, Georgias del Sur)	PTT, GLS, PTT	1990 - 2007	465		1	1	1		1	British Antarctic Survey
Waved Albatross	Isla Espanola, Galapagos	PTT, GPS	1995 - 2003	65		1	1		1		Dave Anderson, Jill Awkerman
Westland Petrel	Punakaiki, New Zealand	PTT, GLS	1995 - 2008	28				1	1		David Nicholls, Amanda Freeman, Todd Landers
White-capped Albatross	Non-breeding, site unknown	PTT	2005 - 2006	5						1	Samantha Petersen
White-capped Albatross	Auckland Island, Auckland Islands	PTT	2006 - 2007	66			1	1		1	NIWA, David Thompson
White-capped Albatross	Disappointment Island, Auckland Islands	PTT, GLS	2005 - 2010	171		1	1	1	1	1	NIWA, David Thompson, Paul Sagar
White-chinned Petrel	Bird Island, South Georgia (Isla Pajaro, Georgias del Sur)	PTT, GLS	1996 - 2003	33		1			1	1	British Antarctic Survey
White-chinned Petrel	Iles Crozet	PTT	1996 - 1997	16		1			1		Henri Weimerskirch
White-chinned Petrel	Antipodes Islands	GLS	2008-2009	63					1	1	NIWA, David Thompson, Paul Sagar