

Appendix B

Table B1. Detailed information on the on-board observations of albatrosses and petrels deliberately killed or injured by handline fisheries off Brazil. Details include species (AYN: Atlantic yellow-nosed albatross; SPP: spectacled petrel; GSH: Great shearwater; COR: Cory's shearwater; SHW: unidentified shearwater); date; if the bird was dead or alive; Injury or kill type; other notes and the corresponding photo in Fig. 1. The asterisks indicate birds that were killed or injured in the vessel carrying the on-board observer.

#	Species	Date	Dead/Alive	Notes on injury/death	Other notes	Figure
1	AYN*	10 Feb 2006	Dead	Upper bill amputated and shoulder wound.	Hooked alive and killed by fishermen.	3A
2	GSH	10 Feb 2006	Dead	Shoulder/neck wound. Dying bird.	Hauled on board.	3B
3	GSH*	19 Feb 2006	Alive	Open wound close to the bill	Hooked alive and injured during handling. Released alive. No picture.	na
4	GSH*	19 Feb 2006	Dead	Killed by hitting the head.	Hooked alive and killed by fishermen.	3C
5	COR	19 Feb 2006	Dead	Broken neck.	Hauled on board.	3D
6	GSH	20 Feb 2006	Dead	Head trauma.	Hauled on board. No picture.	na
7	GSH	23 Feb 2006	Alive	Broken leg + dorsal scar, injured few days ago.	Hauled on board.	3E
8	SPP	25 Feb 2006	Dead	Killed by hitting the head.	Hauled on board. No picture.	na
9	SPP	26 Feb 2006	Dead	Killed by hitting the head.	Hauled on board. No picture.	na
10	SPP	27 Feb 2006	Dead	Killed by hitting the head.	Hauled on board.	3F
11	AYN	27 Feb 2006	Dead	Killed by hitting the head. Adult.	Hauled on board.	3F
12	GSH	06 Jun 2006	Alive	Wounded Wing.	Hauled on board.	3G
13	SHW	27 Feb 2006	Dead	Floating on the sea surface.	Not hauled on board. No picture.	na
14	SHW	27 Feb 2006	Dead	Floating on the sea surface	Not hauled on board. No picture.	na
15	SHW	27 Feb 2006	Dead	Floating on the sea surface	Not hauled on board. No picture.	na
16	SHW	27 Feb 2006	Dead	Floating on the sea surface	Not hauled on board. No picture.	na

Table B2. Detailed information on the records of albatrosses and petrels with bill mutilation. Details include species (AYN: Atlantic yellow-nosed albatross; BBA: black-browed albatross; MSH: Manx shearwater; NRA: northern royal albatross; SGP: southern giant petrel; SPP: spectacled petrel; SRA: southern royal albatross; COR: Cory's shearwater; MOL: Unidentified mollymawk; *Thalassarche* spp.); age class; date; country; location; if the bird was dead or alive; if upper, lower or both mandible were mutilated (Mandible); the degree of mutilation (% Bill missing); if the bird was photographed; the corresponding figure in Figure C1; photo credits and other notes.

#	Species	Age class	Date	Country	Location	Dead/alive	Mandible	% Bill missing	Photo (Y/N)	Figure	Other notes
1	SGP	Immature	03 July 1999	Brazil	Praia Grande Beach	Alive	Upper	71	Y	A	Rescued on the beach. Died on 30 Nov 2011.
2	NRA	Adult	23 July 2005	Uruguay	Offshore	Alive	Upper	na	N	na	Observed from vessel.
3	SGP	Immature	15 June 2008	Brazil	APA da Baleia Franca	Alive	Upper	na	N	na	Rescued on the beach. Died same day.
4	SRA	Adult	26 August 2008	Uruguay	Offshore	Alive	Upper	50	Y	B	Photographed from vessel.
5	BBA	Adult	26 August 2009	Uruguay	Offshore	Alive	Upper	na	Y	C	Photographed from vessel.
6	BBA	Adult	01 October 2009	Brazil	Cassino Beach	Dead	Upper	na	N	na	Dead on the beach.
7	BBA	Adult	22 April 2010	Brazil	Offshore	Alive	Upper	71	Y	D	Photographed from vessel.
8	BBA	Adult	10 July 2010	Argentina	Offshore	Alive	Both	na	N	na	Observed from vessel.
9	BBA	Adult	02 November 2010	Argentina	Offshore	Alive	Upper	na	N	na	Observed from vessel.
10	NRA	na	20 March 2011	Brazil	Cassino Beach	Dead	Upper	79	Y	E	Dead on the beach.
11	BBA	Adult	22 May 2011	Uruguay	Offshore	Alive	Upper	39	Y	F	Photographed from vessel.
12	BBA	Adult	17 July 2012	Brazil	Offshore	Alive	Upper	61	Y	G	Photographed from vessel.
13	BBA	Adult	07 August 2012	Brazil	Offshore	Alive	Upper	63	Y	H	Photographed from vessel.
14	BBA	Immature	01 June 2013	Uruguay	Offshore	Alive	Upper	75	Y	I	Photographed from vessel.
15	BBA	Adult	06 June 2013	Brazil	Imbé Beach	Dead	Both	59	Y	J	Dead on the beach. Housed in Bird Collection of MUCIN (MUCIN 0356).

#	Species	Age class	Date	Country	Location	Dead/alive	Mandible	% Bill missing	Photo (Y/N)	Figure	Other notes
16	NRA	Adult	09 June 2013	Uruguay	Offshore	Alive	Upper	3	Y	K	Photographed from vessel.
17	BBA	Adult	27 August 2013	Uruguay	Offshore	Alive	Upper	na	Y	L	Photographed from vessel.
18	BBA	Adult	30 September 2013	Brazil	Offshore	Alive	Upper	100	Y	M	Photographed from vessel.
19	BBA	Adult	10 October 2013	Brazil	Xangri-lá Beach	Dead	Upper	50	Y	N	Dead on the beach. Housed in Bird Collection of MUCIN (MUCIN 0741).
20	BBA	Immature	16 October 2013	Brazil	Imbé Beach	Dead	Upper	59	Y	O	Dead on the beach.
21	BBA	Immature	16 October 2013	Brazil	Imbé Beach	Dead	Upper	72	Y	P	Dead on the beach.
22	BBA	Adult	07 August 2015	Brazil	Mar Grosso Beach	Dead	Upper	19	Y	Q	Dead on the beach.
23	BBA	Adult	12 August 2015	Argentina	Offshore	Alive	Upper	62	Y	R	Photographed from vessel.
24	BBA	Adult	16 August 2015	Uruguay	Offshore	Alive	Upper	57	Y	S	Photographed from vessel.
25	BBA	Adult	21 August 2015	Brazil	Imbé Beach	Dead	Upper	44	Y	T	Dead on the beach.
26	BBA	Adult	09 September 2015	Brazil	Offshore	Alive	Upper	na	N	na	Observed from vessel.
27	BBA	Immature	17 March 2016	Brazil	Cassino Beach	Dead	Upper	75	Y	U	Dead on the beach.
28	BBA	Adult	20 March 2016	Brazil	Offshore	Alive	Both	70	Y	V	Photographed from vessel.
29	BBA	Immature	28 April 2016	Brazil	Maresias Beach	Alive	Upper	82	Y	W	Rescued on the beach, weight= 2.570 kg. Died two days later.
30	BBA	na	12 May 2016	Brazil	Imbé Beach	Dead	Both	100	Y	X	Dead on the beach.
31	BBA	Immature	12 May 2016	Brazil	Imbé Beach	Dead	Upper	82	Y	Y	Dead on the beach Housed in Bird Collection of MUCIN (MUCIN 1039).
32	BBA	Adult	13 May 2016	Brazil	Offshore	Alive	Upper	42	Y	Z	Photographed from vessel.

#	Species	Age class	Date	Country	Location	Dead/alive	Mandible	% Bill missing	Photo (Y/N)	Figure	Other notes
33	BBA	Immature	26 May 2016	Brazil	Mongaguá Beach	Alive	Upper	49	Y	AA	Rescued on the beach. Died few days later.
34	BBA	Immature	02 July 2016	Uruguay	Offshore	Alive	Upper	45	Y	AB	Photographed from vessel.
35	SRA	Adult	09 September 2016	Brazil	Torres Beach	Dead	Upper	48	Y	AC	Dead on the beach. Housed in Bird Collection of MUCIN (MUCIN 0810).
36	MSH	na	17 September 2016	Brazil	Juréia	Alive	Upper	67	Y	AD	Rescued on the beach. Died few days later.
37	SPP	na	07 April 2017	Uruguay	Offshore	Alive	Both	13	Y	AE	Photographed from vessel.
38	BBA	Immature	06 May 2017	Brazil	Offshore	Alive	Upper	na	N	na	Observed from vessel.
39	BBA	Immature	14 June 2017	Uruguay	Offshore	Alive	Upper	45	Y	AF	Photographed from vessel.
40	MOL	na	22 June 2017	Brazil	Imbé Beach	Dead	Upper	na	Y	AG	Dead on the beach.
41	YNA	Adult	25 June 2017	Brazil	Pontal do Sul	Dead	Lower	39	Y	AH	Dead on the beach.
42	BBA	na	20 July 2017	Brazil	Pinhal Beach	Dead	Upper	62	Y	AI	Dead on the beach.
43	BBA	Immature	07 August 2017	Brazil	Imbé Beach	Dead	Upper	20	Y	AJ	Dead on the beach.
44	BBA	Adult	23 October 2018	Uruguay	Offshore	Alive	Upper	55	Y	AK	Photographed from vessel.
45	SGP	Immature	27 February 2019	Uruguay	Offshore	Alive	Upper	71	Y	AL	Photographed from vessel.
46	COR	na	07 June 2019	Brazil	Imbé Beach	Dead	Both	74	Y	AM	Dead on the beach.



Figure C1. Documented records of albatrosses and petrels with bill mutilation. Corresponding photo credits in Table B2.