

The eradication of feral cats from Ascension Island and its subsequent recolonization by seabirds

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Appendix Estimates of breeding success (expressed as chicks fledged per pair) of four species of tropical seabirds, ranked in ascending order.*

Colony	Year	Breeding success	Source	Rank
White-tailed tropicbird				
Cayo Luis Pena	1984	0.153	Schaffner (1991)	1
Aride Island	1991	0.210	Ramos et al. (2005)	2
Cayo Luis Pena	1983	0.227	Schaffner (1991)	3
Cayo Luis Pena	1985	0.250	Schaffner (1991)	4
Aride Island	1997	0.270	Ramos et al. (2005)	5
Aride Island	2002	0.270	Ramos et al. (2005)	6
Aride Island	1998	0.280	Ramos et al. (2005)	7
Aride Island	2001	0.290	Ramos et al. (2005)	8
Ascension Island	1958	0.303	Stonehouse (1962)	9
Aride Island	1989	0.320	Ramos et al. (2005)	10
Aride Island	1999	0.320	Ramos et al. (2005)	11
Aride Island	1996	0.340	Ramos et al. (2005)	12
Cousin Island	1982	0.360	Phillips (1987)	13
Aride Island	2000	0.370	Ramos et al. (2005)	14
Ascension Island	2002–2007	0.370	This study	15
Aldabra	1969	0.429	Diamond (1975)	16
Aldabra	1976	0.460	Prys-Jones & Peet (1980)	17
Aldabra	1968	0.500	Diamond (1975)	18
Bermuda	1970–1983	0.666	Lee & Walsh-McGhee (1998)	19
Brown booby				
Ascension Island	1958	0.10	Dorward (1962)	1
Ascension Island	1961–1964	0.16	Nelson (1978)	2
Little Tobago	1975	0.23	Morris (1984)	3
Ascension Island	2002–2007	0.28	This study	4
Kure Atoll	1968	0.59	Woodward (1972)	5
Kure Atoll	1965	0.73	Woodward (1972)	6
Kure Atoll	1964	0.73	Woodward (1972)	7
Johnston Atoll	1986	0.74	E.A. Schreiber (pers. comm.)	8
Johnston Atoll	1995	0.75	E.A. Schreiber (pers. comm.)	9
Kure Atoll	1966	0.77	Woodward (1972)	10
Johnston Atoll	1987	0.78	E.A. Schreiber (pers. comm.)	11
Christmas Island	1967	0.81	Nelson (1978)	12
Johnston Atoll	1996	0.82	E.A. Schreiber (pers. comm.)	13
Johnston Atoll	1985	0.83	E.A. Schreiber (pers. comm.)	14
Johnston Atoll	2000	0.84	E.A. Schreiber (pers. comm.)	15
Kure Atoll	1967	1.00	Woodward (1972)	16
Masked booby				
Ascension Island	1958	0.097	Dorward (1962)	1
Ascension Island	2002–2007	0.190	This study	2
Lord Howe Island	2001	0.510	Priddel et al. (2005)	3
Kure Atoll	1965	0.520	Kepler (1969)	4
Kure Atoll	1968	0.574	Woodward (1972)	5
Kure Atoll	1964	0.635	Kepler (1969)	6
Kure Atoll	1965	0.683	Woodward (1972)	7
Kure Atoll	1966	0.692	Woodward (1972)	8

Appendix (Continued)

Colony	Year	Breeding success	Source	Rank
Kure Atoll	1967	0.696	Woodward (1972)	9
Kure Atoll	1964	0.715	Woodward (1972)	10
Kure Atoll	1969	0.864	Woodward (1972)	11
Brown noddy				
Aride Island	2002	0.010	Ramos et al. (2006)	1
French Frigate Shoals	1990	0.012	Megyesi & Griffin (1996)	2
Martinique	1999	0.050	Pascal et al. (2004)	3
Little Tobago	1975	0.060	Morris (1984)	4
Aride Island	1999	0.100	Ramos et al. (2006)	5
Aride Island	1997	0.130	Ramos et al. (2006)	6
Manana Island	1971	0.160	Brown (1973)	7
Michaelmas Cay	1987	0.255	King et al. (1992)	8
Ascension Island	2002–2007	0.260	This study	9
French Frigate Shoals	1982	0.280	Megyesi & Griffin (1996)	10
Johnston Atoll	1969	0.380	Amerson & Shelton (1976)	11
French Frigate Shoals	1991	0.380	Megyesi & Griffin (1996)	13
Aride Island	2000	0.380	Ramos et al. (2006)	12
Kure Atoll	1967	0.430	Woodward (1972)	14
French Frigate Shoals	1992	0.450	Megyesi & Griffin (1996)	15
Michaelmas Cay	1986	0.490	King et al. (1992)	16
Kure Atoll	1968	0.570	Woodward (1972)	17
Michaelmas Cay	1988	0.580	King et al. (1992)	18
Aride Island	2001	0.580	Ramos et al. (2006)	19
Aride Island	1998	0.610	Ramos et al. (2006)	20
Aride Island	1995	0.620	Ramos et al. (2006)	21
Culebra	1986	0.680	Morris & Chardine (1992)	22
Michaelmas Cay	1985	0.710	King et al. (1992)	23
Aride Island	1996	0.710	Ramos et al. (2006)	24
Michaelmas Cay	1989	0.786	King et al. (1992)	25
Martinique	2001	0.850	Pascal et al. (2004)	26
Martinique	2000	0.900	Pascal et al. (2004)	27
Culebra	1985	0.910	Morris & Chardine (1992)	28

*Note that previous studies on Ascension Island were on cat-inaccessible sites