

## APPENDIX 1

Individual Leach's Storm Petrels ( $n = 48$ ) captured in mist-nets in the California Channel Islands in 1976–77, 1991–95, 2004–2007,  
and 2015.<sup>a</sup>

Date	Island	Site	Investigator	Capture Time	VB	Band Number	Re-capture?	IP Score	Rump Score	Mass (g)	Culmen (mm)	Skull (mm)	Tarsus (mm)	Wing (mm)	Tail (mm)	
5/20/ 1976	PI	1	Hunt			72- 198105	N									
6/23/ 1976	PI	1	Hunt			72- 198105	Y	1.0			14.5		22.1	140		75
6/23/ 1976	PI	2	Hunt		LESP	107- 009307 <sup>b</sup>	N	6.0			13.0		20.1	140		
6/23/ 1976	PI	2	Hunt		LESP	Specimen <sup>cd</sup>	N		4							
7/10/ 1977	PI		Hunt		LESP	Collected; no specimen <sup>b</sup>	N		see footnote <sup>b</sup>							
8/12/ 1977	PI		Hunt		LESP	banded	N									
8/12/ 1977	PI		Hunt		LESP	banded	N									
6/8/ 1991	PI	1	Carter	02:38	LESP	1401- 51975	N	3.0	6.0	41.5	15.5		23.9	153		77
6/9/ 1991	PI	1	Carter	00:16	LESP	1401- 51864	N	3.0	4.0	37.0	14.8		23.3	146		79
7/10/ 1991	PI	1	Carter	00:16	LESP	1401- 60287	N	4.0	4.0	37.0	15.0		22.3	151		75

7/13/ 1991	PI	1	Carter	23:19	ASSP	1401-60454	N	3.0	3.0	30.0	15.1	19.7	139	70
7/11/ 1991	PI	2	Carter	00:54	LESP	1401-60418	N	4.0	8.5	46.0	15.7	25.7	151	82
7/11/ 1991	PI	2	Carter	02:01	ASSP	1401-60424	N	3.0	4.5	32.5	15.2	24.3	146	79
7/13/ 1991	PI	2	Carter	01:29	ASSP	1401-60446	N	4.5	3.5	26.5	14.4	20.2	140	77
5/20/ 1991	SBI	2	Carter	02:10	LESP	1401-60128	N	0.0	10.0	38.0	16.1	21.8	150	83
5/20/ 1991	SBI	2	Carter	02:16	LESP	1401-60129	N	1.5	6.0	38.0	14.8	21.7	147	83
5/20/ 1991	SBI	2	Carter	03:07	LESP	1401-60131	N	3.0	6.0	45.0	14.9	23.3	148	83
5/20/ 1991	SBI	2	Carter	03:12	LESP	1401-60132	N	3.0	10.0	40.0	15.1	23.0	142	80
5/20/ 1991	SBI	5	Carter	00:33	ASSP	1401-60155	N	4.5		40.0	15.9	23.5	156	82
7/17/ 1991	SBI	11	Carter	01:26	LESP	1401-60473	N	3.0	2.0	29.0	14.7	21.1	137	69
7/17/ 1991	SBI	11	Carter	01:48	LESP	1401-60475	N	2.0	5.0	31.0	14.7	21.3	138	68
7/19/ 1991	SBI	12	Carter	01:26	ASSP	1401-60493	N	1.5	4.0	31.5	15.6	20.8	142	73
7/21/ 1991	SBI	13	Carter	01:20	ASSP	1401-60654	N	4.0	4.0	34.0	14.3	19.9	143	69
4/14/ 1991	SBI	15	Carter	01:19	LESP	1401-50769	N	0.0	9.5	41.0	16.7	24.4	158	84

7/21/ 1991	SBI	15	Carter	02:24	ASSP	1401-60387	N	4.0	11.0	37.0	15.3		23.4	147	77
7/21/ 1991	SBI	16	Carter	03:32	ASSP	1401-60560	N	3.0	4.0	43.0	16.0		23.7	152	91
4/11/ 1994	PI	1	Carter	23:00	ASSP	1401-60541	N	0.0	9.0	38.0	14.6		23.1	147	84
5/5/ 1994	PI	1	Carter	02:45	ASSP	1401-60879	N	1.0	5.0	36.0	15.3		24.7	156	77
7/12/ 1994	PI	1	Carter	00:41	LESP	1401-61300	N	4.0	4.0	32.0	14.0		24.3	146	82
7/12/ 1994	PI	1	Carter	00:55	LESP	1401-61303	N	3.0	2.0	31.0	14.7		21.2	140	69
8/7/ 1994	PI	1	Carter	23:32	ASSP	1401-61139	N	2.0	11.0	43.0	16.2		23.6	139	81
8/8/ 1994	PI	1	Carter	03:00	ASSP	1401-61150	N	3.0	9.0	26.0	14.2		20.3	143	71
8/8/ 1994	PI	1	Carter	00:51	ASSP	1401-61423	N	4.0	2.0	29.0	14.9		20.7	144	73
8/16/ 2004	SBI	2	Adams	22:55	ASSP	7901-02998	N	2.0	8.5	39.0	16.3	40.1	23.6	161	74
8/18/ 2004	SR	1	Adams	23:39	ASSP	1901-38522	N	4.0	9.0	30.0	15.3	38.2	20.5	146	74
5/28/ 2005	PI	1	Adams	22:36	ASSP	4501-95403	N	4.0	5.0	37.0				147	
5/29/ 2005	PI	1	Adams	00:00	ASSP	4501-95469	N	3.0	3.0	33.0				147	
5/29/ 2005	PI	1	Adams	00:57	ASSP	4501-95476	N		2.0	30.0				150	

7/2/ 2005	PI	1	Adams	01:01	ASSP	1971-01625	N	3.0	1.0	40.0					155
7/2/ 2005	PI	1	Adams	01:37	ASSP	1971-01626	N	3.0	2.0	42.0					155
7/3/ 2005	PI	1	Adams	22:03	ASSP	1971-01631	N	3.0		35.0					142
7/9/ 2005	SBI	2	Adams	02:24	ASSP	4501-95564	Y	3.0		41.5					159
8/2/ 2005	SBI	2	Adams	00:02	ASSP	1971-01780	N	4.0	1.0	30.0	14.2	37.4	22.4		153
8/1/ 2005	SBI	5	Adams	01:07	ASSP	1971-01757	N	5.0	1.0	29.0	14.8		21.3		141
6/1/ 2005	SR	1	Adams	01:15	ASSP	4501-95564	N	1.0	11.0	37.0					156
6/18/ 2007	PI	1	Adams	00:11	ASSP	1971-02306	N	3.0	2.0	35.0					147
6/18/ 2007	PI	1	Adams	00:58	ASSP	Not banded	N	4.0	2.0	44.0					157
6/17/ 2015	PI	1	Adams	23:13	ASSP	1971-02329	N	2.0	2.0	34.0	14.1	36.7	21.5		151
07/14/ 2015	PI	1	Adams	1:51	ASSP	1971-02420	N	4.0	1.0	34	14.8	36.4	23.5		147

<sup>a</sup> Codes: Island (PI = Prince Island, SR = Scorpion Rock, SBI = Santa Barbara-Sutil islands), Site (mist-netting site; see text), VB (species vocalization broadcast during netting) Recapture? (recaptured, Y; original capture, N).

<sup>b</sup> S.M. Speich (unpubl. field notes) assigned this IP a score of 1. Hunt *et al.* (1980: 445) described this IP as “well-developed” which appears to be an error.

<sup>c</sup> Bill depth (minimum) 4.6 mm; bill depth (maximum) 5.6 mm.

<sup>d</sup> These two individuals appear to have been referred to by Hunt *et al.* (1979: III-26): “All specimens had all-white rumps. No intermediately-colored or all-dark rumped birds were noted, although the latter may have been overlooked.” However, Ainley (1980) determined that SDNHM 39942 had an intermediate rump score of 4.



	10	5.6								5.6
	11	19.0								19.0
	12	14.0								14.0
	13	14.7								14.7
	14	8.0								8.0
SI	15	32.5								32.5
SI	16	15.8								15.8
	Sub-total	233.6	3.0	42.4	35.1					314.1
SR	1	15.9	8.2	28.6	28.6	35.3				116.6
	2	7.8		2.0						9.8
	3			5.5						5.5
	Sub-total	23.7	8.2	36.1	28.6	35.3				131.9
<b>Total</b>		<b>320.3</b>	<b>141.5</b>	<b>78.5</b>	<b>93.9</b>	<b>35.3</b>	<b>4.0</b>	<b>12.4</b>	<b>63.7</b>	<b>749.6</b>

<sup>a</sup> Net sites are described in Methods and in Carter *et al.* 1992. Mist-netting in 1991–1995 used variety of storm-petrel vocalization broadcasts (Ashy, Black, and Leach’s) and silent periods. Mist-netting in 2004–2015 used standardized approach (see Adams 2016) and only Ashy Storm-Petrel vocalization broadcast.