APPENDIX F: LUNA BREEDING AREA SUMMARIES

Туре	N ¹	W	R	F	L	X	В	U	Total
Hiker	1	7			1		3		12 (31.6%)
Helicopter	2			1			2	1	6 (15.8%)
Jets		- 2				-	S - 1	4	6 (15.8%)
Agency Worker	2			2					4 (10.5%)
Nestwatcher		2			1	1			4 (10.5%)
Fisherman	-	2	1 -						3 (7.9%)
Birder		-1		-					1 (2.6%)
Driver					1			112/1	1 (2.6%)
Boater				-	-		- 1		1 (2.6%)
Total	5	14	1 5	3	3	1	6	5	38

¹ Bald eagle behavior, N=none, W=watched, R=restless, F=flushed, L=left area, X=other (no explanation offered), B=bird not in area, U=unknown.

Sex -	Fish		B	rds	Total	
Sex	E1	S²-U	E	S-U	E	S-U
Male	22	14-8	- 11	2-9	33	16-17
Female	14	10-4	4	1-3	18	11-7
Unknown	11	11-0	5	2-3	16	13-3
Total	47	35-12	20	5-15	67	40-27

E=A Single forage event, not the number of attempts during one attempt.
 S-U=Successful - Unsuccessful forage events.

Table 26. Obse	rved prey types delivered t	to the nest, Luna BA, Arizona	ı, 1999.	
Sex	Fish	Birds	Unknown	Total
Male	4	-	2	6 (40.0%)
Female	4	1		6 (40.0%)
Unknown	2			3 (20.0%)
Total	10 (66.7%)	2 (13.3%)	3 (20.0%)	15

Table 27. Observed hu	man activity and b	oald eagle behavior,	Luna BA, Arizona,	2000.	
Туре	N ¹	W	F	В	Total
Hiker	5	-	1	-	6 (46.2%)
Agency Worker	-		2		3 (23.1%)
Jets	3	-		-	3 (23.1%)
Construction	-		-	1	1 (7.7%)
Total	8	1	3	1	13

¹ Bald eagle behavior, N=none, W=watched, F=flushed, B=bird not in area.

	Fish Mammals		nmals	Unk	nown	Total		
Sex	E'	S²-U	A E	S-U	E	S-U	E	S-U
Male	4	1-3	X 1	0-1	-		5	1-4
Female	3	2-1					3	2-1
Unknown	6	6-0	el			1-0	7	7-0
Total	13	9-4	dl li	0-1	1	1-0	15	10-5

¹ E=A Single forage event, not the number of attempts during one attempt.

² S-U=Successful - Unsuccessful forage events.

Sex	Fish	Birds	Unknown	Total
Male	2		-	2 (14.3%)
Female			1 1 100	2 (14.3%)
Unknown	7		2	10 (71.4%)
Total	10 (71.4%)	1 (7.1%)	3 (21.4%)	14

 Table 31. Observed watercraft use, Ormo BA, Arizona, 1999.

 Type
 Watercraft
 People

 Tuber
 334
 14751
 6/4 - 5
 Total
 4/29 - 5/28
 5/29 - 31
 6/4 - 5
 Total

 Tuber
 334
 14751
 1037
 16122
 334
 14751
 1037
 16122

 Cance/Kayak
 337
 20
 18
 375
 547
 34
 25
 606

 Raft
 183
 7
 4
 194
 1429
 51
 34
 1514

 Bost
 2
 2
 3
 3

 Total
 856
 14778
 1059
 16693
 2313
 14836
 (096
 18245

Type N' W R F X B U Total
Civilian 36 47 1 1 1 12 13 6 105 (54.1%)
Military 25 39 -- - 3 1 68 (35.1%)
Shariff 4 5 1 2 -- 3 1 16 (8.2%)
News 1 3 -- - 1 5 (2.6%)
Total 66 94 2 3 1 19 9 194

APPENDIX G: ORME BREEDING AREA SUMMARIES

Type	N ₁	W	R	F	X	В	U	Total
Small Plane	248	42		2		53	14	359 (42.9%)
Helicopter	66	94	2	3	la	19	9	194 (23.2%)
Raft/Canoe/Kayak	122	28		6	1b	23	3	183 (21.9%)
Tuber	31	10				16		57 (6.8%)
Fisherman	12	Igma	e and enin	ib atelnana	to 15 num	ult u- the	n 90-03	14 (1.7%)
Swimmer	6	3		- 8	19V9 2010	2	U - i-fize	11 (1.3%)
Driver	2	1						3 (0.4%)
Boater		2	na Bet Ari	I I I THE RE	or het will	N	-	2 (0.2%)
Dog	2	-		-		-	-	2 (0.2%)
Hiker	1			1				2 (0.2%)
Horseback Rider	1	1						2 (0.2%)
Gunshots	C		-	-	-	-		1 (0.1%)
Jets	as rile			-		-	-	1 (0.1%)
OHV		1		-	-	0.00		1 (0.1%)
Rancher	1							1 (0.1%)
Researcher				1				1 (0.1%)
Total	493	183	2	14	2	115	28	837

Bald eagle behavior, N=none, W=watched, R=restless, F=flushed, X=other (a=altered flight path, b=interacted with great blue heron), B=bird not in area, U=unknown.

Time		Watercra	aft			People			
Type	4/29 - 5/28	5/29 - 31	6/4 - 5	Total	4/29 - 5/28	5/29 - 31	6/4 - 5	Total	
Tuber	334	14751	1037	16122	334	14751	1037	16122	
Canoe/Kayak	337	20	18	375	547	34	25	606	
Raft	183	7	4	194	1429	51	34	1514	
Boat	2			2	3 .			3	
Total	856	14778	1059	16693	2313	14836	1096	18245	

Table 32. Observed	d helicopter a	ctivity and	bald eagle l	behavior, O	rme BA, Aı	izona, 1999).	
Туре	N ¹	W	R	F	X	В	U	Total
Civilian	36	47	1	1	la	13	6	105 (54.1%)
Military	25	39				3	1	68 (35.1%)
Sheriff	4	5	1	2	-	3	1	16 (8.2%)
News	1	3					1	5 (2.6%)
Total	66	94	2	3	1	19	9	194

¹ Bald eagle behavior, N=none, W=watched, R=restless, F=flushed, X=other (a=interacted with great blue heron), B=bird not in area, U=unknown.

	UULF	ish	Unk	nown	Total	
Sex	E ¹	S²-U	E	S-U	E	S-U
Male	2	2-0	1	1-0	3	3-0
Female	4 .	4-0		12 - 7	4	4-0
Total	6	6-0	1	1-0	7	7-0

E=A Single forage event, not the number of attempts during one attempt.
 S-U=Successful - Unsuccessful forage events.

			nest, Orme BA, A		Unknown	Total
Sex	Fish	Birds	Mammals	Reptile	Unknown	Total
Male	15	2	2	THE RESERVE TO SERVE THE RESERVE TO SERVE THE RESERVE	5	24 (39.3%)
Female	35	- Contract	1	HO.	116171	37 (60.7%)
Total	50 (82.0%)	2 (3.3%)	2 (3.3%)	1 (1.6%)	6 (9.8%)	61

Туре	N,	gle behavior, Orme BA, Ar	F	Total
Small Plane	189	56	1	246 (53.9%)
Helicopter	51	47	1	99 (21.7%)
Driver	30	5	5	40 (8.8%)
Hiker	20	1	1	22 (4.8%)
Shooter	13	1		14 (3.1%)
OHV	10	2		12 (2.6%)
Horseback Rider	3	2	-	5 (1.1%)
Construction	4		1	5 (1.1%)
Fisherman	4			4 (0.9%)
Picnicker	2		-	2 (0.4%)
Swimmer	2			2 (0.4%)
Researcher				1 (0.2%)
Mining	1			1 (0.2%)
Cycler	1			1 (0.2%)
Jets				1 (0.2%)
Photographer				1 (0.2%)
Total	331	115	10	456

¹ Bald eagle behavior, N=none, W=watched, F=flushed.

Type	N ¹	W	R	F	В	U	Total
Unknown plane	177	49	1	2-0	5	2	234 (63.4%)
WW II plane	12	7		1 0-1		-	20 (5.4%)
Unknown helicopter	31	23	1	- 0.0		1	56 (15.2%)
Apache helicopter	14	14	-		-	1	29 (7.9%)
Sheriff's helicopter	6	10	-	- ,			16 (4.3%)
Total	240	103	2	201	5	4	355

Bald eagle behavior, N=none, W=watched, R=restless, F=flushed, B=bird not in area, U=unknown.

Sex	Fish	Birds	Mammals	Unknown	Total
Male	6	33 13 / 1 / Cap -		3	10 (76.9%)
Female	1				1 (7.7%)
Unknown		1		-	2 (15.4%)
Total	7 (53.8%)	2 (15.4%)	1 (7.7%)	3 (23.1%)	13

APPENDIX H: PLEASANT BREEDING AREA SUMMARIES

Туре	N ¹	W	R	F	L	X	U	D-D ² Total	Total
Boats	108	62	10	1		7	31	151	219 (45.7%)
Small Plane	72	15	12	1	1	4	27	87	132 (27.6%)
Agency Boats	25	20	2	1		2	5	36	55 (11.5%)
Jet-Ski	9	5	5	2		3	2	17	26 (5.4%)
Helicopter	7	3	6			2	4	arianti il Istocor	22 (4.6%)
Jets	2		14			1	1	5	18 (3.8%)
Fisherman	VC		-		VI		001	1	1 (0.2%)
Ultralight	A	2	1		GI		2	4	6 (1.3%)
Total	225	107	50	5	551	19	72	313	479

¹ Bald eagle behavior, N=none, W=watched, R=restless, F=flushed, L=left area. X=other (no explanation offered), U=unknown.

² D-D Total=Observations on dawn-to-dusk days.

Date	Boats at Closure	Boats in Closure	Agency Boats in Closure	Jet Skis at Closure	Jet Skies in Closure	Total
2/7 - 14	262	22	9	24	2	319
2/19 - 28	863	34	6	98	3	1004
3/5 - 14	847	38	9	61	waterer it comp	956
3/19 - 28	1241	37	5	127	9	1419
4/2 - 11	729	15	musol-11	39	smisol(2.	794
4/16 - 25	1371	34	9	204	6	1624
4/31 - 5/9	1842	27	10	438	6	2323
5/11 - 5/12	95	04 3	E 3	34	1 564	133
Total	7250 (84.5%)	210 (2.4%)	59 (0.7%)	1025 (11.9%)	28 (0.3%)	8572

Sex -	Fish		Birds		Unknown		Total	
	E'	S²-U	E	S-U	Е	S-U	E	S-U
Male	19	13-6	5	4-1	7	1-6	31	18-13
Female			2	1-1	4	1-3	6	2-4
Unknown		1-0	vonz Truczi	V VO HINK	111 / 22 (20)	pue Tone	fator phytosical	1-0
Total	20	14-6	7	5-2	11	2-9	38	21-17

¹ E=A Single forage event, not the number of attempts during one attempt.

² S-U=Successful - Unsuccessful forage events.

Sex	Fish	Birds	Mammals	Reptile	Unknown	Total
Male	40	9		7	11	62 (86.1%)
Female	3		1		4	8 (11.1%)
Unknown			1		1 3	2 (2.8%)
Total	43 (59.7%)	9 (12.5%)	3 (4.2%)	1 (1.4%)	16 (22.2%)	72
		tivity and bald ea	gle behavior, Plea	sant BA, Arizona	, 2000.	1457495
Type		N ¹	W	R	U	Total
Boats		156	70	13	50	289 (40.1%
Small Plane	A 1	140	15	4	90	249 (34.6%
Agency Boa		41	33	3	14	91 (12.6%)
Jet-Ski		20	18		15	53 (7.4%)
Helicopter	10. 35	7		2	7	16 (2.2%)
Jets	den and and ar	3	4	from American And American	5	13 (1.8%)
Ultralight		3		1.	3	7 (1.0%)
Waterskier			-	1	TO SHOULD LOUD	1 (0.1%)
Sailboat	A001	1	-	-	-	1 (0.1%)
Total		371	140	25	184	720

Bald eagle behavior, N=none, W=watched, R=restless, U=unknown.

Date	Boats at Closure	Boats in Closure	Agency Boats in Closure	Jet Skis at Closure	Jet Skies in Closure	Total
2/5 - 13	489	23	5	33	4	554
2/18 - 27	578	24	019	60	5181 1842	671
3/3 - 12	564	40	- 3	46	5	658
3/17 - 26	1302	41	14	120	6	1483
3/31 - 4/9	987	51	11	158	7	1214
4/14 - 23	750	48	8	119	- 11	936
4/28 - 5/9	675	39	13	166	21	914
5/12 - 5/27	1080	42	20	205	17	1364
Total	6425 (82.4%)	308 (4.0%)	83 (1.1%)	907 (11.6%)	71 (0.9%)	7794

Sex —	Fish		Birds		Unknown		Total	
	E'	S²-U	E	S-U	Е	S-U	E	S-U
Male	5	5-0		-			5	5-0
Female	3	2-1	1	0-1	1	0-1	5	2-3
Unknown	2	2-0		-			2	2-0
Total	10	9-1	1	0-1	1	0-1	12	9-3

E=A Single forage event, not the number of attempts during one attempt.
 S-U=Successful - Unsuccessful forage events.