

Table 1. Location and characteristics of 19 study segments in and near the NCA.

Study Segment	Location (County)	Length (Km)	No. of Poles	Habitat Types ¹
<u>Border Sites</u>				
B-3	Elmore	2	13	SH, GR, AG
B-5	Elmore	2	22	AG, GR, SH
B-6	Elmore	2	21	AG, GR
B-13	Elmore	2	20	AG, GR
B-15	Elmore	2	21	AG
B-19	Elmore	2	20	AG, GR
B-25	Elmore	2	22	AG, SH, MSG, WT
B-28	Elmore	2	32	AG, SH, MSG
B-34	Elmore	2	19	AG, MSG
B-35	Elmore	2	23	AG, MSG
B-36	Elmore	2	21	AG, MSG
B-39	Elmore	2	19	AG, SH, GR
B-41	Elmore	2	20	AG, MSG
B-48	Ada	2	21	AG, GR
B-52	Elmore	2	23	MSG
<u>Interior Sites</u>				
Victory	Ada	10	63	SH
Swan Falls	Ada	3	30	SH
Bruneau	Elmore	2.3	23	MSG
C.J. Strike	Elmore	15.9	179	GR, SH, MSG

¹SH = Shrub; GR = Grass; MSG = Mixed Shrub/Grass; AG = Agriculture; WT = Water. The order habitat codes are presented reflects the relative dominance of each habitat type.

Table 2. Species and species categories of birds found under distribution lines in the NCA.

Species /Species Category	No. Found		Totals
	Sept.-Nov.	Dec.	
<u>Border Sites</u>			
Common Raven	2	1	3
American Kestrel	1	1	2
Red-Tail Hawk	1	1	2
Golden Eagle	-	1	1
Northern Harrier	-	1	1
Unidentified Eagle	1	-	1
Unidentified Raptor	1	-	1
Unidentified Bird	3	-	3
Totals	9	5	14
<u>Interior Sites</u>			
Common Raven	3	-	3
Barn Owl	1	-	1
Unidentified Hawk	1	-	1
Unidentified Eagle	3	-	3
Unidentified Bird	2	-	2
Totals	10	-	10

Table 3. Pole design and configuration for 21 3-phase distribution poles where dead birds were found in and near the NCA.

Pole Type and Configuration	No. of Poles
<u>Pole Position</u>	
Tangent	18
Corner	1
Corner/Deadend	2
Total	21
<u>Pole-Top Configuration</u>	
Simple Crossarm	8
Underbuilt	9
Compact Design	2
H-Frame	2
Total	21
<u>Static Line</u>	
Not Present	2
Present	19
Total	21
<u>Additional Hardware¹</u>	
No Additional Hardware	8
Exposed Jumper Wires	7
Pole-Top Switches	2
Fuse Disconnect Switches	3
Transformers	4
Capacitors	1

¹Does not total to 21 because some pole-top configurations included several types of additional hardware.

APPENDIX I
POWER LINE MORTALITIES IN THE NCA--1999

<u>Date</u> ¹	<u>Study Segment</u> ²	<u>Pole #</u>	<u>Species</u> ³	<u>Cause of Death</u> ⁴	<u>Description of Remains</u>
28 Sept.	Victory (I)	141	UH	unk	Partial skeleton with skull (no lower mandible), feathers.
28 Sept.	Victory (I)	141	UB	unk	Partial skeleton mixed with above bird.
28 Sept.	Victory (I)	162	CR	unk	Skull only (no lower mandible).
29 Sept.	Swan Falls (I)	38	UB	unk	Partial skeleton. Possible prey remains.
29 Sept.	Victory (I)	135	CR	unk	Partial skeleton and feathers.
2 Nov.	B-64	13	UR	unk	Broken skull (no lower mandible), partial skeleton.
3 Nov.	B-3	521	UE	unk	Nearly complete skeleton (no beak or lower mandible), feathers.
3 Nov.	B-3	521	UB	unk	Few bones.
3 Nov.	B-3	518	UB	unk	Few bones. Possible prey remains.
5 Nov.	C.J. Strike (I)	452	UE	unk	Upper portion of skull (no beak or lower mandible).
6 Nov.	C.J. Strike (I)	326	UE	unk	Partial skeleton, feathers.
6 Nov.	C.J. Strike (I)	319	BO	unk	Feathers.
10 Nov.	C.J. Strike (I)	380	UE	unk	Single bone and single talon.
10 Nov.	C.J. Strike (I)	388B	CR	unk	Few feathers.
17 Nov.	B-5	13	RT	unk	Feathers and partial skeleton.
17 Nov.	B-6	4B	CR	unk	Skull and partial skeleton (no lower mandible).

APPENDIX I
POWER LINE MORTALITIES IN THE NCA--1999
(continued)

<u>Date</u> ¹	<u>Study Segment</u> ²	<u>Pole #</u>	<u>Species</u> ³	<u>Cause of Death</u> ⁴	<u>Description of Remains</u>
17 Nov.	B-6	4B	CR	unk	Skull, feathers, partial skeleton.
21 Nov.	B-52	2	UB	unk	Few bones.
27 Nov.	B-25	3	AK	unk	Few feathers. Male.
3 Dec.	B-52	4	AK	unk	Part of a wing. Female.
14 Dec.	B-48	8	GE	E	Fresh carcass of adult turned into FWS.
14 Dec.	B-665	5B	RT	unk	Feathers and few bones.
14 Dec.	B-645	12	NH	unk	Feathers, skull, partial skeleton (no lower mandible).
27 Dec.	B-39	2	CR	unk	Feathers only.

¹Date found.

²I = Interior site; B = Border site

³CR = common raven; BO = barn owl; RT = red-tailed hawk; AK = American kestrel;
GE = golden eagle; NH = northern harrier; UB = unidentified bird; UH = unidentified hawk;
UE = unidentified eagle

⁴unk = unknown; E = electrocution

⁵Segment rejected after Idaho Power retrofitted poles in segment.