APPENDIX A. List of all bird species observed in the Black Hills from 2001-2003, with management designation and species totals.

	Special Management Designation[2]					Total #individuals observed per habitat[4], 2003					Total #individuals observed per year (in all habitats surveyed[5])		
Common Name[1]	USFS	PIF	USFWS	SDGFP	status[3]	BU	MR	PN	PS	WS	2001	2002	2003
Canada Goose					B	1	--	--	1	--	OT	35	2
Wood Duck		BCR17			B	--	--	--	--	--	4	13	--
Gadwall					PB	--	--	--	--	--	--	1	--
Mallard					B	--	4	--	--	1	36	84	5
Blue-winged Teal					PB	--	--	--	--	--	OT	--	--
Northern Shoveler					PB	--	--	--	--	--	OT	OT	--
Ring-necked Duck					PB	--	--	--	--	--	2	--	--
Hooded Merganser					TM	--	--	--	--	--	--	1	--
Common Merganser					B	--	--	--	--	--	8	9	--
Gray Partridge					B	--	--	--	--	--	1	4	--
Ring-necked Pheasant					B	--	--	--	--	--	15	2	--
Ruffed Grouse					B	--	1	8	--	6	44	62	15
Sharp-tailed Grouse		BCR17			B	--	--	--	--	--	--	2	--
Wild Turkey	MIS				B	7	10	7	19	2	112	69	45
Northern Bobwhite					B	--	--	--	--	--	--	1	--
Pied-billed Grebe					PB	--	--	--	--	--	1	--	--
Western Grebe					PB	--	--	--	--	--	OT	1	--
Double-crested Cormorant					PB	--	--	--	--	--	OT	--	--
American Bittern	R2SS				B	--	--	--	--	--	1	1	--
Great Blue Heron					B	--	18	--	--	--	9	23	18
Turkey Vulture					B	3	4	8	1	1	76	100	17
Osprey	MIS				B	--	--	--	--	--	2	OT	--
Northern Harrier	R2SS	BCR17			B	--	--	--	--	--	1	OT	--
Sharp-shinned Hawk					B	1	2	--	--	--	2	4	3
Cooper's Hawk					B	1	--	1	--	1	8	4	3
Northern Goshawk	MIS, R2SS	WY-I			B	--	3	--	2	3	14	5	8
Unidentified Accipiter						--	--	--	1	1	4	2	2
Broad-winged Hawk					B	--	--	--	--	--	3	6	--
Red-tailed Hawk					B	--	12	3	10	7	41	42	32
Golden Eagle			BCC-BCR17		B	--	--	--	1	--	1	2	1
American Kestrel					B	7	--	--	4	--	8	14	11
Merlin	R2SS	WY-II			B	--	--	--	--	--	--	1	--

	Special Management Designation[2]					Total #individuals observed per habitat[4], 2003					Total #individuals observed per year (in all habitats surveyed[5])		
Common Name[1]	USFS	PIF	USFWS	SDGFP	status[3]	BU	MR	PN	PS	WS	2001	2002	2003
Prairie Falcon		BCR17	BCC-BCR17		B	--	1	--	1	--	2	6	2
Unidentified Falcon						--	--	--	--	--	1	1	--
Unidentified Raptor						--	1	--	--	--	6	4	1
Sora					B	--	--	--	--	--	OT	OT	--
American Coot					B	--	--	--	--	--	OT	OT	--
Killdeer		BCR17			B	--	--	--	--	1	9	19	1
Solitary Sandpiper					TM	--	--	--	--	--	--	OT	--
Spotted Sandpiper					B	--	2	--	2	--	OT	6	4
Upland Sandpiper		BCR17	BCC-BCR17		B	--	--	--	--	--	4	20	--
Pectoral Sandpiper					TM	--	--	--	--	--	25	--	--
Common Snipe					B	--	6	--	--	--	13	8	6
Franklin's Gull					TM	--	--	--	--	--	--	1	--
California Gull					PB	--	--	--	--	--	OT	--	--
Rock Pigeon					B	--	2	3	2	--	9	15	7
Mourning Dove					B	48	14	15	39	4	212	372	120
Black-billed Cuckoo		BCR17, WY-II	BCC-BCR17		B	--	--	--	--	--	2	OT	--
Yellow-billed Cuckoo	R2SS	WY-II			B	--	--	--	--	--	--	OT	--
Flammulated Owl	R2SS	CWL			B	--	--	--	--	--	--	OT	--
Eastern Screech-Owl					B	--	--	--	--	--	--	--	--
Great Horned Owl					B	--	2	--	--	--	3	2	2
Burrowing Owl	R2SS	BCR17	BCC-BCR17		B	--	--	--	--	--	--	OT	--
Long-eared Owl					B	--	--	--	--	--	1	--	OT
Northern Saw-whet Owl					B	--	--	--	--	--	1	OT	OT
Unidentified Owl						--	--	--	--	--	1	--	--
Common Nighthawk					B	1	1	1	5	--	27	20	8
Common Poorwill					B	--	--	--	--	--	OT	OT	OT
Chimney Swift					B	--	--	--	--	--	OT	--	--
White-throated Swift		BCR17, CWL, WY-II			B	9	51	73	25	8	124	302	166
Broad-tailed Hummingbird		WY-II			B	1	1	--	--	--	--	3	2
Belted Kingfisher					B	--	9	--	1	--	29	17	10
Lewis's Woodpecker	R2SS	BCR17, CWL, WY-II	BCC-BCR17		B	9	--	--	--	--	3	4	9
Red-headed Woodpecker		BCR17, CWL			B	50	--	1	--	--	25	39	51

	Special Management Designation[2]					Total #individuals observed per habitat[4], 2003					Total #individuals observed per year (in all habitats surveyed[5])		
Common Name[1]	USFS	PIF	USFWS	SDGFP	status[3]	BU	MR	PN	PS	WS	2001	2002	2003
Red-naped Sapsucker		BCR17, WY-II	BCC-BCR17		B	9	91	97	6	42	389	222	245
Downy Woodpecker					B	3	18	3	--	1	31	29	25
Hairy Woodpecker					B	228	28	55	77	58	349	469	446
American Three-toed Woodpecker	MIS, R2SS	WY-II			B	--	--	1	--	43	12	26	44
Black-backed Woodpecker	MIS, R2SS	BCR17, WY-II			B	62	--	3	10	--	24	134	75
Black-backed or Three-toed Woodpecker						--	--	1	--	--	--	7	1
Northern Flicker					B	98	27	28	28	49	239	238	230
Unidentified Woodpecker						39	4	15	11	8	164	96	77
Western Wood-Pewee					B	150	50	105	73	1	182	367	379
Alder Flycatcher					TM	--	1	--	--	--	--	2	1
Least Flycatcher					B	1	4	1	--	--	5	11	6
Dusky Flycatcher		WY-II			B	159	245	147	156	16	1154	1421	723
Cordilleran Flycatcher		WY-II			B	1	136	41	42	105	292	364	325
Eastern Phoebe					B	--	--	--	--	--	3	1	--
Say's Phoebe		BCR17			B	--	--	--	--	--	1	--	--
Cassin's Kingbird					B	--	--	--	--	--	OT	OT	--
Western Kingbird					B	1	--	--	4	--	6	7	5
Eastern Kingbird					B	5	1	--	2	--	37	79	8
Unidentified Flycatcher						--	--	--	--	--	5	1	--
Loggerhead Shrike	R2SS	WY-II			B	--	--	--	--	--	2	--	--
Plumbeous Vireo		WY-II			B	77	7	21	127	4	346	400	236
Warbling Vireo					B	57	294	385	134	93	1844	1965	963
Red-eyed Vireo					B	--	80	19	3	--	210	228	102
Unidentified Vireo						--	--	--	--	--	1	--	--
Gray Jay					B	34	6	25	65	74	270	197	204
Blue Jay					B	1	18	11	4	--	96	65	34
Pinyon Jay		CWL			B	3	--	--	4	--	13	47	7
Clark's Nutcracker					B	1	--	1	7	1	32	65	10
Black-billed Magpie					B	--	--	--	--	--	2	1	--
American Crow					B	57	45	30	40	22	310	260	194
Horned Lark					B	--	--	--	--	--	7	5	--
Tree Swallow					B	--	8	--	--	--	14	30	8
Violet-green Swallow					B	30	92	17	35	2	240	582	176

	Special Management Designation[2]					Total #individuals observed per habitat[4], 2003					Total #individuals observed per year (in all habitats surveyed[5])		
Common Name[1]	USFS	PIF	USFWS	SDGFP	status[3]	BU	MR	PN	PS	WS	2001	2002	2003
Northern Rough-winged Swallow		BCR17			B	--	--	--	--	--	1	17	--
Bank Swallow					B	--	--	--	--	--	1	1	--
Cliff Swallow					B	--	--	--	--	--	21	7	--
Barn Swallow					B	1	2	2	--	--	8	26	5
Black-capped Chickadee					B	93	114	143	165	161	943	1126	676
Red-breasted Nuthatch					B	63	78	210	222	258	1400	1537	831
White-breasted Nuthatch					B	90	46	68	116	17	215	271	337
Pygmy Nuthatch	MIS	WY-II			B	--	--	--	--	--	3	2	--
Brown Creeper	MIS	WY-II			B	4	7	33	29	63	153	145	136
Rock Wren					B	18	10	3	16	--	31	105	47
Canyon Wren					B	1	13	--	6	1	17	59	21
House Wren					B	26	35	14	3	1	64	148	79
Winter Wren					B	--	--	--	--	1	--	2	1
American Dipper		WY-II		T	B	--	1	--	--	3	OT	3	4
Golden-crowned Kinglet		WY-II			B	--	14	10	--	200	131	99	224
Ruby-crowned Kinglet					B	--	174	95	26	421	581	912	716
Blue-gray Gnatcatcher					B	--	--	--	1	--	2	2	1
Eastern Bluebird					B	46	1	--	10	--	49	57	57
Mountain Bluebird		BCR17			B	77	15	4	21	--	148	171	117
Unidentified Bluebird						49	--	2	3	--	5	--	54
Townsend's Solitaire		WY-II			B	208	65	221	206	88	727	854	788
Veery					B	--	95	8	--	1	64	94	104
Swainson's Thrush					B	--	127	69	11	300	510	448	507
Hermit Thrush					VB	--	1	--	--	--	2	1	1
American Robin					B	461	341	302	304	284	2011	2139	1692
Gray Catbird					B	--	27	--	--	--	27	20	27
Brown Thrasher					B	--	3	--	--	--	8	3	3
European Starling					B	--	--	--	--	--	2	22	--
Cedar Waxwing					B	7	31	11	10	2	64	131	61
Golden-winged Warbler					VB	--	--	--	--	--	--	OT	--
Tennessee Warbler					TM	--	--	--	--	--	--	32	--
Orange-crowned Warbler					VB	--	--	--	--	--	--	1	--
Virginia's Warbler		CWL			B	--	--	--	2	--	44	80	2
Northern Parula					VB	--	1	--	--	--	2	--	1

	Special Management Designation[2]					Total #individuals observed per habitat[4], 2003					Total #individuals observed per year (in all habitats surveyed[5])		
Common Name[1]	USFS	PIF	USFWS	SDGFP	status[3]	BU	MR	PN	PS	WS	2001	2002	2003
Yellow Warbler					B	--	34	1	--	--	90	218	35
Chestnut-sided Warbler					B	--	--	2	--	--	7	2	2
Magnolia Warbler					VB	--	--	--	--	--	1	--	--
Black-throated Blue Warbler					VB	--	--	--	--	--	--	1	--
Yellow-rumped Warbler					B	309	169	435	521	411	2134	2493	1845
Black-and-white Warbler					B	--	2	--	--	--	7	8	2
American Redstart					B	1	203	37	1	--	432	407	242
Ovenbird					B	16	280	335	187	23	1631	1723	841
Mourning Warbler					VB	--	--	--	--	--	OT	--	--
MacGillivray's Warbler		WY-II			B	4	150	38	3	11	353	267	206
Common Yellowthroat					B	--	191	7	3	18	187	278	219
Hooded Warbler					VB	--	--	--	--	--	OT	OT	--
Yellow-breasted Chat					B	--	2	--	2	--	24	73	4
Western Tanager					B	329	73	182	267	18	819	936	869
Spotted Towhee					B	--	102	18	31	1	366	633	152
Chipping Sparrow					B	503	186	281	293	273	1247	1652	1536
Clay-colored Sparrow					TM	--	--	--	--	--	OT	2	--
Field Sparrow					B	1	--	--	--	--	2	1	1
Vesper Sparrow		WY-II			B	93	2	1	31	4	197	371	131
Lark Sparrow					B	2	--	--	19	--	25	87	21
Lark Bunting		BCR17, WY-II			B	--	--	--	--	--	2	OT	--
Grasshopper Sparrow	R2SS	BCR17, WY-II	BCC-BCR17		B	--	--	--	--	--	6	75	--
Song Sparrow					B	4	204	4	--	46	205	268	258
White-crowned Sparrow					TM	1	--	--	--	--	--	--	1
Dark-eyed Junco					B	386	90	326	241	278	1631	1522	1321
Unidentified Sparrow						--	--	--	--	--	1	1	--
Northern Cardinal					VB	--	--	1	--	--	--	OT	1
Rose-breasted Grosbeak					B	--	1	--	--	--	2	1	1
Black-headed Grosbeak					B	--	96	18	3	1	231	326	118
Blue Grosbeak					B	--	--	--	--	--	1	--	--
Lazuli Bunting					B	--	13	--	--	--	13	50	13
Indigo Bunting					B	--	--	--	--	--	4	1	--
Dickcissel		BCR17, WY-II	BCC-BCR17		B	--	--	--	--	--	3	11	--
Bobolink		WY-II			B	--	10	--	--	--	--	17	10

	Special Management Designation[2]					Total #individuals observed per habitat[4], 2003					Total #individuals observed per year (in all habitats surveyed[5])		
Common Name[1]	USFS	PIF	USFWS	SDGFP	status[3]	BU	MR	PN	PS	WS	2001	2002	2003
Red-winged Blackbird					B	10	52	7	10	5	204	299	84
Western Meadowlark					B	27	--	--	17	--	104	475	44
Yellow-headed Blackbird					B	--	--	--	--	--	--	5	--
Brewer's Blackbird					B	--	11	--	1	1	23	33	13
Common Grackle					B	--	6	--	--	--	59	64	6
Brown-headed Cowbird					B	239	99	128	122	19	719	848	607
Orchard Oriole					B	--	1	--	--	--	27	18	1
Bullock's Oriole					B	--	--	--	--	--	19	21	--
Cassin's Finch					B	2	--	1	1	--	21	7	4
House Finch					B	--	--	--	--	--	1	12	--
Red Crossbill					B	36	129	274	206	495	2861	5358	1140
White-winged Crossbill					B	--	--	1	--	13	13	12	14
Pine Siskin					B	36	43	32	18	44	780	655	173
Lesser Goldfinch					B	--	--	--	--	--	--	--	OT
American Goldfinch					B	48	14	3	11	--	134	216	76
Evening Grosbeak					B	--	--	--	--	--	9	--	--
Unidentified Finch						--	--	--	--	--	2	--	--
House Sparrow					B	--	--	--	--	--	2	1	--
Unidentified bird species						--	--	--	--	--	5	6	--

[1] Common names are from the A.O.U. Check-list of North American Birds, Seventh Edition (2003).

[2] Special management designations: USFS=United States Forest Service, MIS=Black Hills National Forest Management Indicator Species, R2 SS=US Forest Service Region 2 Sensitive Species; PIF=Partners In Flight, CWL=Continental Watch List, BCR17=Regional or Overall Priority for Bird Conservation Region 17, WY-I= Wyoming Partners In Flight Level I Priority (Conservation Action), WY-II= Wyoming Partners In Flight Level II Priority (Monitoring); USFWS=U.S. Fish and Wildlife Service, BCC-BCR17= Bird of Conservation Concern for Bird Conservation Region 17; SDGFP=South Dakota Dept. of Game, Fish, and Parks, T=State Threatened Species.

[3] Residency status: B=(probably) breeds; VB=vagrant, possibly breeding; TM=transient migrant

[4] Habitats: BU=burn areas; MR=montane riparian; PN=ponderosa pine, northern hills; PS=ponderosa pine, southern hills; WS=white spruce

[5] The number and types of habitats surveyed each year may vary. OT=species detected off transect only, through casual observation.