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To: Owners/ Managers of properties having Wood Stork nesting colonies

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Wood storks were first observed nesting in South Carolina in 1981. That year 11 nesting pairs fledged 14 young. Surveys of wood stork nest numbers and chick production have continued for 25 years.

Last year, an all-time high number of 2,069 nesting pairs were estimated to have fledged 5,016 young. This year, however, only 2,798 young were estimated to have fledged from the 1,419 nests that were counted.

In south Florida, large scale nest abandonment results when excess rain floods feeding areas. The low flat topography results in all or nothing seasons. This is not the case in South Carolina. Storks nesting here forage on a variety of habitats including: river flood plain, tidal wetlands, isolated wetlands and waterfowl impoundments. As a result, storks can shift their foraging areas in response to different water levels over our greater topographic relief.

Most of the annual variation in nesting is related to early season weather conditions. A combination of cold temperatures, wind and rain can cause extensive early season losses. That appeared to be the case this year.

Thank you for your continued cooperation that make these surveys possible and for assisting in the recovery of the endangered wood stork in South Carolina. Please call or write for any further information or guidance.

SOUTH CAROLINA WOOD STORK SURVEYS 2005

ACTIVITY SURVEYS

<u>SITENAME</u>	<u>ESTIMATED NESTS*</u>	<u>TOTAL NESTS</u>
WHITE HALL II	410	349
SNIDERS CROSSROADS	220	189
WASHO	210	189
YEMASSEE I	380	148
TEA FARM	240	120
BLACK RIVER	180	111
BEAR GRASS	220	101
BAPTIST COLLEGE	100	91
PON PON LAKES	70	56
DWMA, UPPER BACKWATER	30	27
JACKSON BLUFF	NS	20
HERONWYCK	12	17
HUNTING ISLAND	1	1
TOTAL	2073	1419

PRODUCTIVITY SURVEYS

<u>SITENAME</u>	<u>TOTAL NESTS</u>	<u>SAMPLED NESTS</u>	<u>SAMPLED YOUNG</u>	<u>YOUNG/ ACTIVE</u>	<u>ESTIMATED YOUNG</u>
WHITE HALL II	349	114	221	1.94	677
SNIDERS CROSSROADS	189	139	287	2.06	389
WASHO	189	58	109	1.88	355
YEMASSEE I	148	104	221	2.13	315
TEA FARM	120	68	127	1.87	224
BLACK RIVER	111	36	83	2.31	256
BEAR GRASS	101	24	30	1.25	126
BAPTIST COLLEGE	91	48	102	2.13	194
PON PON LAKES	56	44	94	2.14	120
DWMA, UPPER BACKWATER	27	20	41	2.05	55
JACKSON BLUFF	20	10	26	2.6	52
HERONWYCK	17	17	33	1.94	33
HUNTING ISLAND	1	NS	NS	NS	NS
TOTAL	1419	682	1374	2.01**	2798

Nest counts obtained by ground surveys except as noted by *, * = aerial survey. NS = no survey.

** = for sites surveyed for productivity.

SOUTH CAROLINA WOOD STORK SURVEYS, 1981-2005

YEAR	SITENAME	NUMBER NESTS	ESTIMATED FLEDGED	YOUNG/ NEST
1981	LITTLE HOPE	11	14	
	1981 Total	11	14	1.27
1982	BIG HOPE	20	0	
	1982 Total	20	0	NS
1983	BIG HOPE	20	0	
	1983 Total	20	0	NS
1984	BIG HOPE	22	0	
	1984 Total	22	0	NS
1985	YEMASSEE I	74	142	
	1985 Total	74	142	1.92
1986	YEMASSEE I	72	166	
1986	BIG HOPE	42	101	
1986	WHITE HALL I	6	3	
	1986 Total	120	270	2.25
1987	YEMASSEE I	125	230	
1987	JACKSONBORO	55	103	
1987	BIG HOPE	14	0	
	1987 Total	194	333	1.72
1988	YEMASSEE I	106	232	
1988	JACKSONBORO	50	118	
1988	WHITE HALL II	23	48	
	1988 Total	179	398	2.22
1989	WHITE HALL II	280	454	
1989	JACKSONBORO	75	31	
1989	YEMASSEE I	21	0	
	1989 Total	376	485	1.29
1990	WHITE HALL II	264	626	
1990	JACKSONBORO	142	298	
1990	YEMASSEE I	130	365	
1990	TEA FARM	0	0	
1990	GREAT SWAMP	0	0	
1990	NEW RIVER II	0	0	
	1990 Total	536	1289	2.4
1991	WHITE HALL II	259	593	
1991	JACKSONBORO	242	537	
1991	YEMASSEE I	163	357	
	1991 Total	664	1487	2.24

SOUTH CAROLINA WOOD STORK SURVEYS, 1981-2005

YEAR	SITENAME	NUMBER NESTS	ESTIMATED FLEDGED	YOUNG/ NEST
1992	WHITE HALL II	307	712	
1992	YEMASSEE I	131	321	
1992	JACKSONBORO	37	60	
1992 Total		475	1093	2.03
1993	WHITE HALL II	294	853	
1993	YEMASSEE I	283	722	
1993	JACKSONBORO	229	627	
1993 Total		806	2202	2.73
1994	WHITE HALL II	372	792	
1994	TEA FARM	136	227	
1994	WASHO RESERVE	78	193	
1994	JACKSONBORO	64	10	
1994	YEMASSEE I	57	121	
1994	BUCKFIELD	3	0	
1994	LEMON CREEK	2	4	
1994 Total		712	1347	1.89
1995	WHITE HALL II	415	1108	
1995	JACKSONBORO	120	360	
1995	YEMASSEE I	116	322	
1995	WASHO RESERVE	101	273	
1995	BUCKFIELD	69	195	
1995	TEA FARM	8	19	
1995 Total		829	2277	2.75
1996	WHITE HALL II	398	975	
1996	JACKSONBORO	156	295	
1996	YEMASSEE I	147	347	
1996	BUCKFIELD	116	249	
1996	WASHO RESERVE	104	187	
1996	WHIG SWAMP	29	47	
1996	JAMESTOWN	3	0	
1996 Total		953	2100	2.2
1997	WHITEHALL II	289	531	
1997	WASHO RESERVE	203	386	
1997	BUCKFIELD	174	278	
1997	JACKSONBORO	131	220	
1997	BEAR GRASS	50	107	
1997	YEMASSEE I	49	78	
1997	PLEASANT HILL	11	22	
1997	TEA FARM	10	20	
1997 Total		917	1642	1.79

SOUTH CAROLINA WOOD STORK SURVEYS, 1981-2005

YEAR	SITENAME	NUMBER NESTS	ESTIMATED FLEDGED	YOUNG/ NEST
1998	JACKSONBORO	145	348	
1998	WHITE HALL II	415	1042	
1998	BUCKFIELD	111	257	
1998	WASHO	141	296	
1998	TEA FARM	97	200	
1998	YEMASSEE I	120	264	
1998	BEAR GRASS	9	20	
1998	BAPTIST COLLEGE	16	40	
1998	WHIG SWAMP	37	NS	
1998	ASHEPOO PLTN.	2	5	
1998 Total		1093	2472	2.34*
1999	WHITE HALL II	225	250	
1999	JACKSONBORO	46	56	
1999	WASHO	96	34	
1999	YEMASSEE I	36	40	
1999	TEA FARM	59	113	
1999	WHIG SWAMP	43	NS	
1999	BAPTIST COLLEGE	12	NS	
1999	JONES BIG SWAMP	3	NS	
1999 Total		520	493	1.87*
2000	WHITE HALL II	456	1062	
2000	JACKSONBORO	170	349	
2000	WASHO	131	288	
2000	YEMASSEE I	9	16	
2000	BUCKFIELD	165	371	
2000	TEA FARM	102	228	
2000	WHIG SWAMP	68	NS	
2000	BAPTIST COLLEGE	13	18	
2000	BEAR GRASS	35	84	
2000	INGLESIDE	15	20	
2000	JONES BIG SWAMP	72	168	
2000 TOTAL		1236	2604	2.23*
2001	WHITE HALL II	329	661	
2001	BEAR GRASS	235	564	
2001	WASHO	171	378	
2001	BUCKFIELD	111	191	
2001	TEA FARM	110	209	
2001	JACKSONBORO	86	4	
2001	WHIG SWAMP	85	NS	
2001	BAPTIST COLLEGE	34	70	
2001	POLE CASTLE	13	NS	
2001 TOTAL		1174	2077	1.93*

SOUTH CAROLINA WOOD STORK SURVEYS, 1981-2005

YEAR	SITENAME	NUMBER NESTS	ESTIMATED FLEDGED	YOUNG/ NEST
2002	WHITE HALL II	332	707	
2002	TEA FARM	158	281	
2002	WASHO	136	326	
2002	BUCKFIELD	66	0	
2002	SNIDERS CROSSROADS	58	NS	
2002	BEAR GRASS	44	0	
2002	BLACK RIVER	37	89	
2002	BAPTIST COLLEGE	35	65	
2002	LITTLE BULL ISLAND	9	0	
2002	POLE CASTLE	4	NS	
2002	TOTAL	879	1468	1.80*
2003	WHITE HALL II	385	831	
2003	WASHO	244	NS	
2003	TEA FARM	191	374	
2003	SNIDERS CROSSROADS	155	341	
2003	BAPTIST COLLEGE	77	202	
2003	WHIG SWAMP	73	NS	
2003	YEMASSEE I	55	133	
2003	BEAR GRASS	55	NS	
2003	BUCKFIELD	54	128	
2003	BLACK RIVER	44	NS	
2003	PON PON LAKES	23	49	
2003	TOTAL	1356	2058	2.20*
2004	WHITE HALL II	537	1332	
2004	SNIDERS CROSSROADS	228	540	
2004	WASHO	226	576	
2004	YEMASSEE I	181	447	
2004	BEAR GRASS	174	444	
2004	TEA FARM	156	370	
2004	PON PON LAKES	150	324	
2004	WHIG SWAMP	110	269	
2004	BUCKFIELD	105	242	
2004	BAPTIST COLLEGE	84	187	
2004	BLACK RIVER	78	218	
2004	HERONWYCK	24	56	
2004	SALUDA RIVER	12	NS	
2004	DWMA, BACKWATER	4	11	
2004	TOTAL	2069	5016	2.45*

SOUTH CAROLINA WOOD STORK SURVEYS, 1981-2005

YEAR	SITENAME	NUMBER NESTS	ESTIMATED FLEDGED	YOUNG/ NEST
2005	WHITE HALL II	349	677	
2005	SNIDERS CROSSROADS	189	389	
2005	WASHO	189	355	
2005	YEMASSEE I	148	315	
2005	TEA FARM	120	224	
2005	BLACK RIVER	111	256	
2005	BEAR GRASS	101	126	
2005	BAPTIST COLLEGE	91	194	
2005	PON PON LAKES	56	120	
2005	DWMA, BACKWATER	27	55	
2005	JACKSON BLUFF	20	52	
2005	HERONWYCK	17	33	
2005	HUNTING ISLAND	1	NS	
2005 TOTAL		1419	2798	1.97*
Grand Total		16654	34065	

NS = successful, no productivity survey

* total for sites surveyed for productivity

1999 = young/ occ nest