

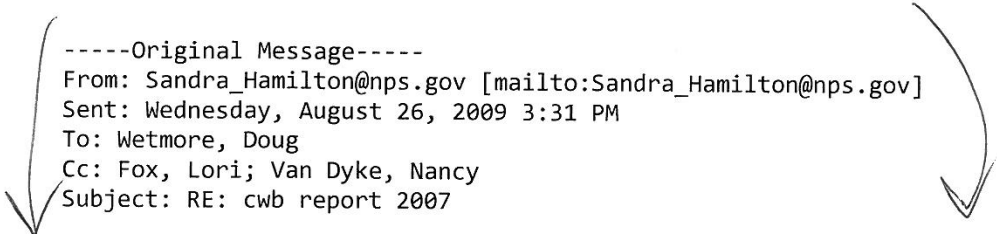
Herron, Amanda

CAHA# 2225

From: Fox, Lori
Sent: Wednesday, March 31, 2010 4:05 PM
To: Herron, Amanda
Subject: FW: cwb report 2007
Attachments: Sooty tern.mht

-----Original Message-----

From: Sandra_Hamilton@nps.gov [mailto:Sandra_Hamilton@nps.gov]
Sent: Wednesday, August 26, 2009 3:31 PM
To: Wetmore, Doug
Cc: Fox, Lori; Van Dyke, Nancy
Subject: RE: cwb report 2007



Hi Doug,

I understood Britta to say that CAHA and NCWRC are using different protocols for counts so you can't compare their numbers with each other. I would include what we have with a footnoted explanation of why they differ. I left Britta a voice mail to be sure this correct and correct or confirm this when I hear from her.

It seems logical to not include the Foresters and sooty terns in the CH 3 tables because we're not analyzing for impacts on them in CH 4. The sooty tern is not known to nest successfully in NC (see attached) and isn't a species of concern to the park or NC so no need to include it.
(See attached file: Sooty tern.mht)
Does this make sense to you?

Sandy

Sandy Hamilton
Environmental Protection Specialist
National Park Service - Environmental Quality Division Academy Place P.O. Box 25287 Denver CO 80225
PH: (303) 969-2068
FAX: (303) 987-6782

"Wetmore, Doug"
<dwetmore@louisberger.com>

08/26/2009 01:44 PM

To
<Sandra_Hamilton@nps.gov>, "Fox, Lori" <lfox@louisberger.com>, "Van Dyke, Nancy" <nvandyke@louisberger.com>

cc

Subject

RE: cwb report 2007

Hi Sandy.

According to the 2004 CWB report, there were not park-wide surveys done in 2002 and 2003. Also, the 2005 and 2006 reports don't have enough detail to break out nests by species. So, the only new info for Chapter 3 will be data from 2008.

Do you know if we should be including Forester's and Sooty terns, since the park doesn't count them, we don't discuss them in the EIS, and Forester's terns aren't coastal nesters?

Also, the park's 2008 CWB report provides the following numbers for 2007 CWB at the park:

263 LETE,
91 COTE,
16 BLSK

and the NCWRC provides the following for 2007:

194 LETE
18 COTE
0 BLSK

Any suggestion on which data source is more accurate? I'm asking the same of Sue Cameron at NCWRC.

Thanks.

Doug Wetmore
Environmental Planner

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-----Original Message-----

From: Sandra_Hamilton@nps.gov [mailto:Sandra_Hamilton@nps.gov]
Sent: Thursday, August 20, 2009 3:51 AM
To: Wetmore, Doug; Fox, Lori; Van Dyke, Nancy
Subject: cwb report 2007

Hello All,

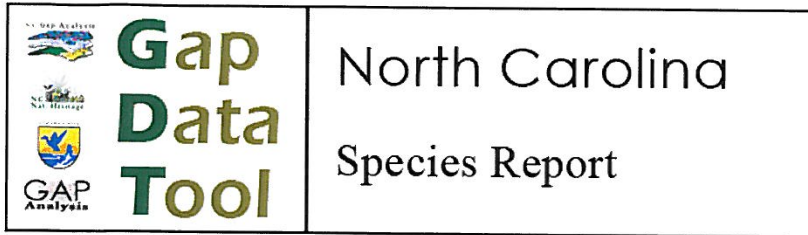
Here is the last of the cwb reports in the list of items LB needed. As we discussed on our call Tuesday morning in 2004 and 2007 the cwb surveys at CAHA were conducted by NCWRC (Sue Cameron) as part of a larger survey of NC coastal areas. The data from 2004 and 2007 were collected using a different protocol than used by the park in other years so should not be all lumped together for analysis.

(See attached file: 2007ACOECWB.doc)

Sandy

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CAHA# 2225



Sooty tern

Sterna fuscata

ITIS Species Code: 176894

NatureServ Element Code: ABNNM08150

Taxa: *Aves*

NatureServe Global Rank: *G5*

Federal Status: ---

Order: *Charadriiformes*

NatureServe State (NC) Rank: *S1B.S3N*

NC State Status: ---

Family: *Laridae*

PARTNERS IN FLIGHT PRIORITY SCORES:

Southern Blue Ridge: *n/a*

Southern Piedmont: *n/a*

South Atl. Coastal Plain: *n/a*

HEXAGONAL KNOWN RANGE:



PREDICTED DISTRIBUTION:



SUMMARY OF STATEWIDE PREDICTED DISTRIBUTION:

Land Unit	Hectares	Acres	% of Dist. on Prot. Lands	% of Dist. on All Lands
US Fish & Wildlife Service	376.83	931.17	8.3 %	5.4 %
US Forest Service	0.00	0.00	0.0 %	0.0 %
US National Park Service	9.63	23.80	0.2 %	0.1 %
US Department of Defense	3,934.53	9,722.43	86.7 %	56.4 %
NC State Parks	184.95	457.02	4.1 %	2.7 %
NC University System	0.00	0.00	0.0 %	0.0 %
NC Wildlife Res. Com.	0.00	0.00	0.0 %	0.0 %
NC Forest Service	0.00	0.00	0.0 %	0.0 %
NC Div. of Coastal Mgmt.	33.75	83.40	0.7 %	0.5 %
Local Governments	0.00	0.00	0.0 %	0.0 %
Non-Governmental Org.	0.00	0.00	0.0 %	0.0 %
Other Public Lands	0.00	0.00	0.0 %	0.0 %
Private Lands	2,435.13	6,017.34	0.0 %	34.9 %
GAP Status 1-2	2,241.36	5,538.52	49.4 %	32.1 %
All Protected Lands	4,539.69	11,217.82	----	----
Statewide	6,974.82	17,235.15	----	----

HABITAT DESCRIPTION:

Occasionally seen at tern colonies but has never nested successfully (Fussell 1994).

Spends most of the year at sea, where it snatches food from the surface of the ocean without diving or sitting on water (Ehrlich et al. 1988). Nests in large colonies on sandy island beaches (Kaufman 1996).

Eggs are laid among sparse grasses on bare sand or in a simple nest on the sand (Ehrlich et al. 1988).

NATURE SERVE GLOBAL HABITAT COMMENTS:

NON-BREEDING: primarily pelagic. Nests usually on remote outlying islets and rocks; on sandy beaches, bare ground or coral, most often with scattered grasses present or among bushes (under dense vegetation at Culebra, Puerto Rico), less frequently on rocky ledges; see Spendelow and Patton (1988) for further details on nesting sites in different areas. Young seek shade when not being brooded.

MODELING DESCRIPTION:Occupied Landcover Map Units:

Code	Name	Description	NC Natural Heritage Program Equivalent
378	Ocean Beaches	Open beach sand	Upper Beach
371	Maritime Grasslands	Dune grass community consisting of sea oats and beach grasses	Dune grass, Maritime dry grassland
8	Open water	Open water without aquatic vegetation.	No equivalent

[View Entire Landcover Legend](#)

Additional Spatial Constraints:

Exclude all area outside of known range.
 Exclude all land greater than 500 meters from an open water feature.
 Exclude fresh and brackish water habitats.

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10 March 2005

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