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WILLIAM G. GORDON

Western Atlantic Turtle Symposium
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WESTERN ATLANTIC TURTLE SYMPOSIUM
San José, Costa Rica, July 1983

NATIONAL REPORT FOR THE COUNTRY OF
UNITED STATES

NATIONAL REPORT PRESENTED BY

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DATE SUBMITTED: 27 June 1983

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With a grant from the U.S. National Marine Fisheries Service, WIDECAST has digitized the databases and proceedings of the **Western Atlantic Turtle Symposium (WATS)** with the hope that the revitalized documents might provide a useful historical context for contemporary sea turtle management and conservation efforts in the Western Atlantic Region.

With the stated objective of serving “as a starting point for the identification of critical areas where it will be necessary to concentrate all efforts in the future”, the first Western Atlantic Turtle Symposium convened in Costa Rica (17-22 July 1983), and the second in Puerto Rico four years later (12-16 October 1987). WATS I featured National Reports from 43 political jurisdictions; 37 presented at WATS II.

WATS I opened with these words: “The talks which we started today have the multiple purpose of bringing our knowledge up to date about the biological peculiarities of the marine turtle populations of the western Atlantic; to know and analyse the scope of the National Reports prepared by the scientific and technical personnel of more than thirty nations of the region; to consider options for the orderly management of marine turtle populations; and in general to provide an adequate forum for the exchange of experiences among scientists, administrators, and individuals interested in making contributions for the preservation of this important natural resource.”

A quarter-century has passed, and the results of these historic meetings have been lost to science and to a new generation of managers and conservationists. Their unique importance in providing baseline data remains unrecognized, and their potential as a “starting point” is neither known nor appreciated.

The proceedings document what was known at the time concerning the status and distribution of nesting and foraging habitat, population size and trend, mortality factors, official statistics on exploitation and trade, estimated incidental catch, employment dependent on turtles, mariculture operations, public and private institutions concerned with conservation and use, legal aspects (e.g. regulations, enforcement, protected areas), and active research projects. In most cases it was the first time a national sea turtle assessment had been conducted.

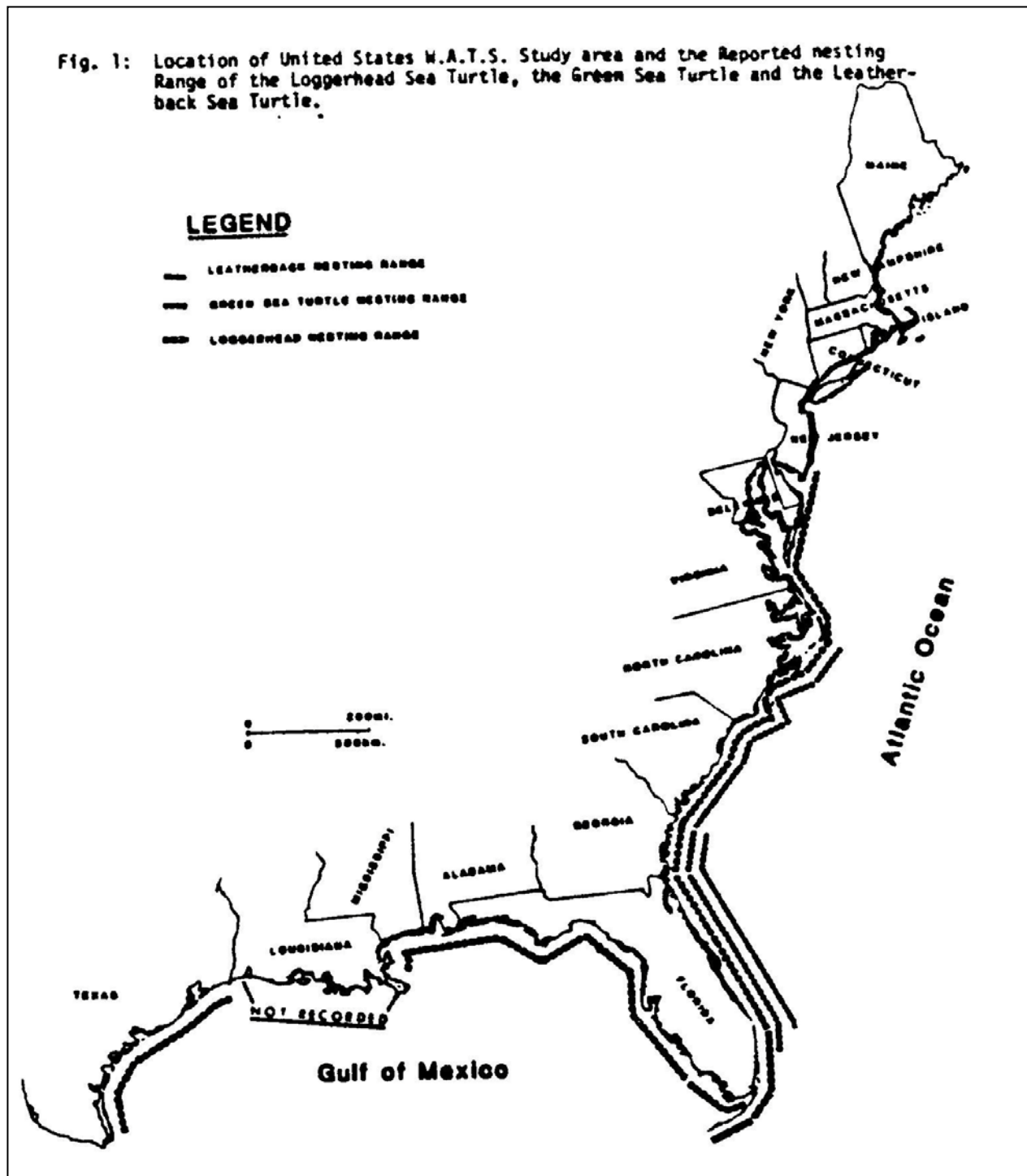
Despite the potential value of this information to agencies responsible for conducting stock assessments, monitoring recovery trends, and safeguarding critical habitat in the 21st century, the hand-written National Reports, largely illegible in the published proceedings, have slipped into obscurity. To help ensure the legacy of these symposia, we have digitized the entire proceedings, including the National Reports, plenary presentations and panels, and annotated bibliographies of both meetings, and posted them online at <http://www.widecast.org/What/RegionalPrograms.html>.

Each article has been scanned from the original document. Errors in the scan have been corrected; however, to be true to the original content (as closely as we can discern it), potential errors of content have not been corrected. This article should be cited:

Berry, F.H. and colleagues. 1984. National Report for the United States, pp.423-488. In: Bacon, P., F. Berry, K. Bjorndal, H. Hirth, L. Ogren and M. Weber (Editors), Proceedings of the First Western Atlantic Turtle Symposium, 17-22 July 1983, San José, Costa Rica. Volume III: The National Reports. RSMAS Printing, Miami.

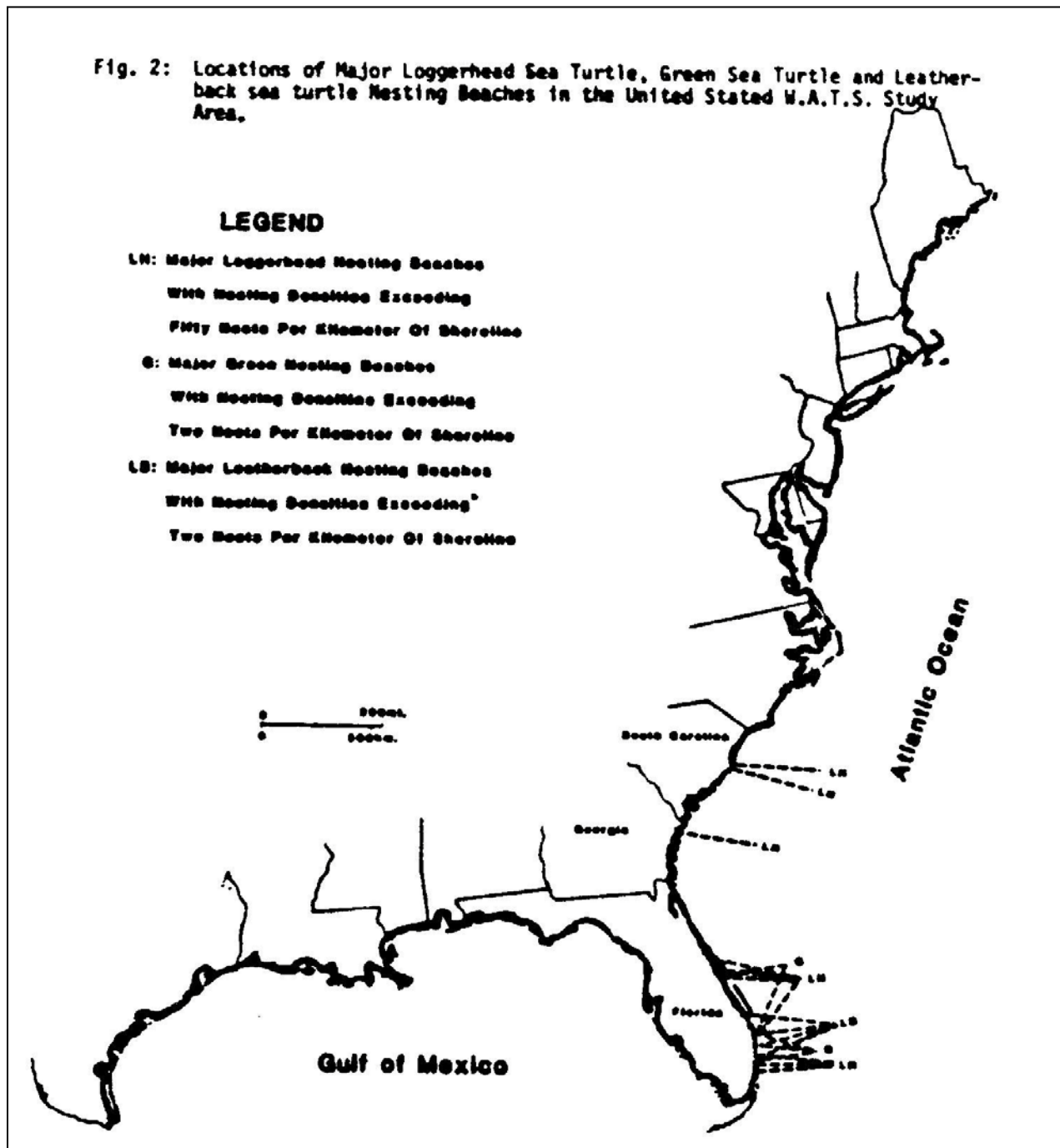
Karen L. Eckert
WIDECAST Executive Director
June 2009

Figure 1. Localities of United States W.A.T.S. Study area and the Reported nesting Range of the Loggerhead Sea Turtle, the Green Sea Turtle and the Leatherback Sea Turtle.¹



¹ *Editor's Note (2009):* Maps and figures are reprinted exactly as they appear in the original WATS I Proceedings (Bacon et al. 1984); we regret the poor quality exhibited in some cases.

Figure 2. Locations of Major Loggerhead Sea Turtle, Green Sea Turtle and Leatherback sea turtle Nesting Beaches in the United States W.A.T.S. Study Area.



COUNTRY: UNITED STATES OF AMERICA

TABLE 1. GEOGRAPHIC INVENTORY	
Length of Coastline*	6,493.9 Km
Km ² of Continental Shelf Area	
Gulf coast	620,000 Km ²
East coast	540,000 Km ²
Seaward Extent of Jurisdictions	
Territorial Sea	
Florida-Texas	15 Km
Remainder of the area	5 Km
Extended Economic Zone	280 Km
Fisheries Jurisdiction	280 Km
Other (Describe)	
Length of Coastline (Km)	
Texas	620.0
Louisiana	710.0
Mississippi	120.0
Alabama	74.8
Florida	2,037.0
Georgia	176.0
South Carolina	290.0
North Carolina	484.6
Virginia	180.0
Maryland	50.0
Delaware	45.0
New Jersey	438.5
New York	204.0
Connecticut	140.0
Rhode Island	70.0
Massachusetts	355.0
New Hampshire	24.0
Maine	475.0
* Coastline length is the measurement of the national seaward boundary of a country; i.e., the distance from border to border for a coastal country and the distance around an island country.	

TABLE 2. COASTAL HABITAT INVENTORY OF MARINE SHORELINE			
Marine Shoreline Characteristics*	Km of Shoreline		
	Undeveloped	Developed**	Total
1. Sand Beach (Total)	(ca 40%)	(ca 60%)	
A. High Energy			(ca 80%)
B. Low Energy			(ca 20%)
2. Reef (exposed)			<1%
3. Rocks			<5%
4. Cliffs			
5. Vegetation (Total)***			(ca 4,950)
A. Vines			?
B. Grasses			?
C. Mangroves			?
D. Coconut Trees			1%
E. Other Trees or Shrubs			?
F. Marshes			?
6. Mouths of Lagoons, Rivers, Canals			180
7. Total Shoreline	(ca 60%)	(ca 40%)	6,493
* Refer to SEA TURTLE MANUAL (Aerial Survey) ** Human development or use (See MANUAL) *** This information was obtained from U.S. Fish and Wildlife Service 1:250,000 scale Inventory Maps. These maps do not break down vegetation into specific types.			

TABLE 2A. MARINE HABITAT INVENTORY OF BOTTOM TYPES (supplementary page)		
Habitat Bottom Types	Km ² of Habitat	
	Inside 25m (shoreward)	Outside 25m (shoreward)
1. Sand	16, 052	?
2. Mud	460	?
3. Rocks	?	?
4. Submerged Vegetation	1,402.6	?
5. Reefs (Total)	523	?
A. Fringing Reefs	?	?
B. Patch Reefs	?	?
6. Other: Navigational channels	8	?

TABLE 2B. SHORELINE CHARACTERISTICS BY STATE * (supplementary page)					
State	Marsh ** (km)	Reef (km ²)	Sea Grass (km ²)	Dune/Beach	Renourished Beach (km)
Florida	991	441.3	1,152.8	601	180 - 220
Georgia	465			206	
S. Carolina	180			156	
N. Carolina	853			339	
Maryland	225		70.6	50	
New Jersey	123.5		13.7	142	
Connecticut	23			11	
Virginia	280		26.8	183	

TABLE 2B. SHORELINE CHARACTERISTICS BY STATE * (supplementary page)					
State	Marsh ** (km)	Reef (km ²)	Sea Grass (km ²)	Dune/Beach	Renourished Beach (km)
Delaware	92			46	
New York	7			195	
Rhode Island	62			63	
Massachusetts	28			70	
Maine	21			6	
Louisiana	1,171	121.2	25.6	28.5	
Alabama	43		0.6	4	
Mississippi	97		11.9	?	
Texas	282	80.5	100.6	386	
TOTAL	4,493.5	623.1	1,402.6	2,486	
* Data derived from U.S. Fish and Wildlife Service 1:250,000 scale Ecological Inventory Maps (1982). ** Marsh represents all areas which have areas of vegetation (includes mangrove areas).					

TABLE 3.1**. NESTING BEACH INVENTORY: TEXAS			
List beaches in geographic sequence. Provide additional information on following page.			
Name of Beach	Length In Km	Species Nesting (use abbreviations)*	Months of Recorded Nesting
1. Padre Island & Mustang Island	210	Cc, Lk	April, May, June
Species *	Abbreviation		
<i>Caretta caretta</i>	Cc		
<i>Chelonia mydas</i>	Cm		
<i>Dermochelys coriacea</i>	D		
<i>Eretmochelys imbricata</i>	E		
<i>Lepidochelys kemp</i>	Lk		
<i>Lepidochelys olivacea</i>	Lo		
** Editor's note (2009): In the original National Report some tables of the Nesting Beach Inventory contained information for more than one state. The Editor has created one table per state, where data were available.			

TABLE 3.2**. NESTING BEACH INVENTORY: LOUISIANA			
List beaches in geographic sequence. Provide additional information on following page.			
Name of Beach	Length In Km	Species Nesting (use abbreviations)*	Months of Recorded Nesting
Not recorded	Not recorded	Not recorded	Not recorded
Species*	Abbreviation		
<i>Caretta caretta</i>	Cc		
<i>Chelonia mydas</i>	Cm		
<i>Dermochelys coriacea</i>	D		
<i>Eretmochelys imbricata</i>	E		
<i>Lepidochelys kemp</i>	Lk		

<i>Lepidochelys olivacea</i>	Lo
** Editor's note (2009): In the original National Report some tables of the Nesting Beach Inventory contained information for more than one state. The Editor has created one table per state, where data were available.	

TABLE 3.3**. NESTING BEACH INVENTORY: MISSISSIPPI			
List beaches in geographic sequence. Provide additional information on following page.			
Name of Beach	Length In Km	Species Nesting (use abbreviations)*	Months of Recorded Nesting
1. Cat Island	5.7	Cc	June
2. West Ship Island	6.5	Not recorded	
3. East Ship Island	3.8	Not recorded	
4. Horn Island	22.9	Cc	June
5. Petit Bois Island	11.3	Not recorded	
Species *	Abbreviation		
<i>Caretta caretta</i>	Cc		
<i>Chelonia mydas</i>	Cm		
<i>Dermochelys coriacea</i>	D		
<i>Eretmochelys imbricata</i>	E		
<i>Lepidochelys kemp</i>	Lk		
<i>Lepidochelys olivacea</i>	Lo		
** Editor's note (2009): In the original National Report some tables of the Nesting Beach Inventory contained information for more than one state. The Editor has created one table per state, where data were available.			

TABLE 3.4**. NESTING BEACH INVENTORY: ALABAMA			
List beaches in geographic sequence. Provide additional information on following page.			
Name of Beach	Length In Km	Species Nesting (use abbreviations)*	Months of Recorded Nesting
1. Gulf Shores	15	Cc	July
Species *	Abbreviation		
<i>Caretta caretta</i>	Cc		
<i>Chelonia mydas</i>	Cm		
<i>Dermochelys coriacea</i>	D		
<i>Eretmochelys imbricata</i>	E		
<i>Lepidochelys kemp</i>	Lk		
<i>Lepidochelys olivacea</i>	Lo		
** <i>Editor's note (2009):</i> In the original National Report some tables of the Nesting Beach Inventory contained information for more than one state. The Editor has created one table per state, where data were available.			

TABLE 3.5**. NESTING BEACH INVENTORY: FLORIDA			
List beaches in geographic sequence. Provide additional information on following page.			
Name of Beach	Length In Km	Species Nesting (use abbreviations)*	Months of Recorded Nesting
1. Ft. Walton Bach (incl. Eglin AFB)		Cc, D ?	Not recorded
2. T.H. Stone Memorial, St. Joseph State Park	19.2		Not recorded
3. St. George Island Recreation Area		Cc	Not recorded
4. St. Vincent Island National Wildlife Refuge	11.3	Cc	Early June to mid-August
5. Northern Longboat Key	8.0	Cc, E	Late June to mid-August
6. Casey Key	7.6	Cc	Mid May to early August
7. Manasota Key	12.9	Cc	Late June to late July
8. Cayo Costa State Preserve	8.0	Cc	Mid-June to late July
9. Sanibel Island	18.5	Cc	Late May to late July
10. Wiggins Pass State Recreation Area	13.4	Cc	Mid-June to mid-July
11. Vanderbilt Beach	8.0	Cc	Not recorded
12. Bonito Beach	9.7	Cc	Not recorded
13. Naples Area Beaches	8.0	Cc	Mid-May to August 01
14. Cape Romano	4.8	Cc	Not recorded
15. Fort Jefferson National Monument	4.8	Cc	Mid-April to mid-October
16. Everglade National Park Beaches	56.6	Cc	Mid-May to mid-August
17. Bahia Honda State Recreation Area	0.8	Cc	August
18. Soldier Key	Not recorded	E	October
19. Bill Baggs Cape Florida State Recreational Area	2.4	Cc, Cm, D	Mid-May to mid-August
20. Northern Key Biscayne	9.6	Cc, Cm	Early May to late September
21. Miami Beach, Surfside, Bar Barbour, Haulover	16.1	Cc, Cm	Late May to early August
22. Broward County Beaches	36.6	Cc, Cm, D	May 1 to mid-September
23. Boca Raton Public Beach	4.2	Cc, Cm, D	Early May to early Sept.
24. Highland Beach	4.5	Cc, Cm, D	Mid-May to mid-August
25. Palm Beach Shores	0.9	Cc, D	Mid-May to mid-August
26. Lost Tree Village	2.8	Cc, Cm, D	Early May to mid-August
27. Juno Beach	1.6	Cc, Cm, D, E	Early May to late August
28. Jupiter Beach	12.3	Cc, Cm, D	Late May to late Sept.
29. Hobe Sound National Wildlife Refuge	5.6	Cc, Cm, D	Late April to early September
30. St. Lucie Inlet State Recreation Area	3.4	Cc	Mid-May to mid-September
31. Hutchinson Island	36.0	Cc, Cm, D	Mid-April to mid-Sept.
32. Ft. Pierce Inlet State Recreation Area	3.2	Cc, Cm	Early May to late August
33. Sebastian Inlet State Recreation Area	5.0	Cc, Cm	Early June to late July

TABLE 3.5**. NESTING BEACH INVENTORY: FLORIDA			
List beaches in geographic sequence. Provide additional information on following page.			
Name of Beach	Length In Km	Species Nesting (use abbreviations)*	Months of Recorded Nesting
34. St. Lucie and Indian River Counties	28.6	Cc	Not recorded
35. South Brevard County	50.2	Cc	Mid-May to late August
36. Indialantic & Melbourne Bch	9.3	Cc, Cm	Mid-May to late August
37. North Brevard County (Cape Canaveral)	50.0	Cc, Cm, E	Late May to late August
38. Volusia County	8.0	Cc	Not recorded
39. Flagler Beach State Recreation Area	0.7	Cc, Cm	Late May to late July
40. St. Johns County Beaches	66.0	Cc	Last of May to late August
41. Ft. Matanzas National Monument	1.2	Cc	June
42. Anastasia State Recreation Area	4.0	Cc	June, July
43. Big Talbot Island	3.2	Cc	Mid-May to mid-August
44. Little Talbot Island	8	Cc	Mid-May to mid-August
Species *	Abbreviation		
<i>Caretta caretta</i>	Cc		
<i>Chelonia mydas</i>	Cm		
<i>Dermochelys coriacea</i>	D		
<i>Eretmochelys imbricata</i>	E		
<i>Lepidochelys kempi</i>	Lk		
<i>Lepidochelys olivacea</i>	Lo		
** <i>Editor's note (2009):</i> In the original National Report some tables of the Nesting Beach Inventory contained information for more than one state. The Editor has created one table per state, where data were available.			

TABLE 3.6**. NESTING BEACH INVENTORY: GEORGIA			
List beaches in geographic sequence. Provide additional information on following page.			
Name of Beach	Length In Km	Species Nesting (use abbreviations)*	Months of Recorded Nesting
1. Cumberland Island	29.7	Cc, D (1 recorded)	May through August
2. Little Cumberland Isl.	5.8	Cc	May through August
3. Jekyll Island	14.6	Cc, Cm (1 recorded)	May through August
4. St. Simon's Island	6.5	Cc	May through August
5. Sea Island	9.6	Cc	May through August
6. Little St. Simon's Isl.	11.4	Cc	May through August
7. Egg Island	2.9		May through August
8. Wolf Island	5.6	Cc	May through August
9. Sapelo Island	9.7	Cc	May through August
10. Blackbeard Island	13.2	Cc, D (1 recorded)	May through August
11. St. Caherine's Island	21.1	Cc	May through August
12. Ossabaw Island	18.7	Cc	May through August
13. Racoon Key	1.8	Cc	May through August

14. Pine and Little Wassaw Isl	3.8	Cc	May through August
15. Wassaw Island	10.5	Cc	May through August
16. Cabbage Island	3.0	Cc	May through August
17. Petit Chou Island	1.3	Cc	May through August
18. Williamson Island	2.9	Cc	May through August
19. Little Tybee Island	5.3	Cc	May through August
20. Tybee Island	5.6	Cc	May through August
Species *	Abbreviation		
<i>Caretta caretta</i>	Cc		
<i>Chelonia mydas</i>	Cm		
<i>Dermochelys coriacea</i>	D		
<i>Eretmochelys imbricata</i>	E		
<i>Lepidochelys kempi</i>	Lk		
<i>Lepidochelys olivacea</i>	Lo		
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TABLE 3.7**. NESTING BEACH INVENTORY: SOUTH CAROLINA			
List beaches in geographic sequence. Provide additional information on following page.			
Name of Beach	Length In Km	Species Nesting (use abbreviations)*	Months of Recorded Nesting
1. Turtle Island	4.0	Cc	May 15 through August 15
2. Daufuskie Island	8.1	Cc	May 15 through August 15
3. Hilton Head Island	29.0	Cc	May 15 through August 15
4. St. Phillips / Bay Point Island	6.3	Cc	May 15 through August 15
5. Little Capers	4.0	Cc	May 15 through August 15
6. Pritchard Island	4.0	Cc	May 15 through August 15
7. Fripp Island	6.0	Cc	May 15 through August 15
8. Harbor / Hunting Island Island	9.0	Cc	May 15 through August 15
9. Otter Island	4.3	Cc	May 15 through August 15
10. Pine Island	4.1	Cc	May 15 through August 15
11. Edisto Island	8.2	Cc	May 15 through August 15
12. Edingsville Beach	2.9	Cc	May 15 through August 15
13. Botany Bay Island	7.2	Cc	May 15 through August 15
14. Seabrook Island	5.6	Cc	May 15 through August 15
15. Kiawah Island	15.8	Cc	May 15 through August 15
16. Folly Beach	10.4	Cc	May 15 through August 15
17. Morris Island	5.4	Cc	May 15 through August 15
18. Sullivan's Island	6.3	Cc	May 15 through August 15
19. Isle of Palms	10.0	Cc	May 15 through August 15
20. Dewees Island	4.0	Cc	May 15 through August 15
21. Capers Island	5.2	Cc	May 15 through August 15
22. Bulls Island	10.5	Cc	May 15 through August 15
23. Raccoon Key	9.0	Cc	May 15 through August 15
24. Lighthouse Island	3.3	Cc	May 15 through August 15
25. Cape Island	8.0	Cc	May 15 through August 15

26. Murphy Island	9.0	Cc	May 15 through August 15
27. Cedar Island	4.3	Cc	May 15 through August 15
28. South Island	4.0	Cc	May 15 through August 15
29. Sand Island	4.0	Cc	May 15 through August 15
30. North Island	13.5	Cc	May 15 through August 15
31. Debidue Island	7.1	Cc	May 15 through August 15
32. Grand Strand (all of northern coast)	71.0	Cc	May 15 through August 15
Species *	Abbreviation		
<i>Caretta caretta</i>	Cc		
<i>Chelonia mydas</i>	Cm		
<i>Dermochelys coriacea</i>	D		
<i>Eretmochelys imbricata</i>	E		
<i>Lepidochelys kemp</i>	Lk		
<i>Lepidochelys olivacea</i>	Lo		
** <i>Editor's note (2009):</i> In the original National Report some tables of the Nesting Beach Inventory contained information for more than one state. The Editor has created one table per state, where data were available.			

TABLE 3.8**. NESTING BEACH INVENTORY: NORTH CAROLINA			
List beaches in geographic sequence. Provide additional information on following page.			
Name of Beach	Length In Km	Species Nesting (use abbreviations)*	Months of Recorded Nesting
1. Sunset Beach	4.0	Cc	June, July
2. Ocean Isle Beach	4.8	Cc	June, July
3. Holden Beach	12.0	Cc	June, July
4. Oak Island	21.0	Cc	June, July, August
5. Bald Head Island (Smith Island)	13.0	Cc	May, June, July, August
6. Carolina Beach Inlet to Corncake Inlet	20.0	Cc	June, July
7. Masonboro Inlet to Carolina Beach Inlet	13.0	Cc	June, July
8. Wrightsville Beach- Maso Inlet to Masonboro Inlet	6.0	Cc	June, July
9. Figure Eight Island	5.6	Cc	June, July
10. New Topsail Inlet to Rich inlet	5.6	Cc	June, July
11. Topsail Beach	35.0	Cc	June, July, August
12. Onslow Beach	11.5	Cc, Cm	May, June, July, August
13. Brown Island	5.0	Cc	June, July, August
14. Bear Island	6.0	Cc	May, June, July, August
15. Bogue Banks	39.0	Cc	May, June, July, August
16. Shakleford Banks	14.5	Cc	June, July, August
17. Core Banks: Portsmouth-Cape Lookout	88.0	Cc	May, June, July, August
18. Ocracoke Island	35.0	Cc	May, June, July, August

19. Hatteras Island; included Pea Island 21 km NC Seashore	103.0	Cc	May, June, July, August
20. Bodie Island	15.0	Cc	May, June, July, August
21. Currituck Banks- Virginia line to Whale Bone Junction	74.0	Cc	June, July
Species *	Abbreviation		
<i>Caretta caretta</i>	Cc		
<i>Chelonia mydas</i>	Cm		
<i>Dermochelys coriacea</i>	D		
<i>Eretmochelys imbricata</i>	E		
<i>Lepidochelys kemp</i>	Lk		
<i>Lepidochelys olivacea</i>	Lo		
** <i>Editor's note (2009)</i> : In the original National Report some tables of the Nesting Beach Inventory contained information for more than one state. The Editor has created one table per state, where data were available.			

TABLE 3A. NESTING BEACH INVENTORY (supplementary page)

Please give additional information about each nesting beach identified in Table 3. Include information on color of sand, particle size, beach profile, backbeach vegetation, artificial lighting, etc.

This additional information for sea turtle nesting beaches in the United States has not been collected and compiled, although many local area beach descriptions do exist in several states.

TABLE 4.1. NESTING CENSUS FOR BEACH: TEXAS: Padre Island-Mustang Island			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	1	March-September 1982
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>		Less than 1	
<i>Lepidochelys olivacea</i>			

TABLE 4.2. NESTING CENSUS FOR BEACH: MISSISSIPPI: Cat Island			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		2	1970-1981
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.3. NESTING CENSUS FOR BEACH: MISSISSIPPI: West Ship Island			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	---	1976 through 1981
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.4. NESTING CENSUS FOR BEACH: MISSISSIPPI: East Ship Island			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>			No routine beach patrols
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.5. NESTING CENSUS FOR BEACH: MISSISSIPPI: Horn Island			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	2	1976 through 1981
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.6. NESTING CENSUS FOR BEACH: MISSISSIPPI: Petit Bois Island			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>			No routine beach patrols
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.7. NESTING CENSUS FOR BEACH: ALABAMA: Gulf Shores			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	1	July 1982
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.8. NESTING CENSUS FOR BEACH: FLORIDA: Ft. Walton Beach, including Eglin Air Force Beach			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		6	Not recorded
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>		Less than 17	Not recorded
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.9. NESTING CENSUS FOR BEACH: FLORIDA: T.H. Stone Memorial St. Joseph Penidula State Park			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		11	Not recorded
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.10. NESTING CENSUS FOR BEACH: FLORIDA: St. George Isl. State Recreation Area			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		17	Not recorded
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.11. NESTING CENSUS FOR BEACH: FLORIDA: St. Vincent Island Nat'l Wildlife Refuge
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		10	Early June to mid-August
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.12. NESTING CENSUS FOR BEACH: FLORIDA: Northern Longboat Key
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		20	Mid-March to early August
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>		Less than 1	May 1980
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.13. NESTING CENSUS FOR BEACH: FLORIDA: Casey Key
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		50	Mid-March to early August
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.14. NESTING CENSUS FOR BEACH: FLORIDA: Manasota Key
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		170	Late June to late July
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.15. NESTING CENSUS FOR BEACH: FLORIDA: Cayo Costa State Preserve			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		6	Mid-June to late July
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kempi</i>			
<i>Lepidochelys olivacea</i>			
TABLE 4.16. NESTING CENSUS FOR BEACH: FLORIDA: Sanibel Island			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		100	Mid-May to late July
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kempi</i>			
<i>Lepidochelys olivacea</i>			
TABLE 4.17. NESTING CENSUS FOR BEACH: FLORIDA: Wiggins Pass State Recreation Area			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		22	Mid-June to mid-July
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kempi</i>			
<i>Lepidochelys olivacea</i>			
TABLE 4.18. NESTING CENSUS FOR BEACH: FLORIDA: Bonito Beach			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	42	Not recorded
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kempi</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.19. NESTING CENSUS FOR BEACH: FLORIDA: Vanderbilt Beach			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	39	Not recorded
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.19. NESTING CENSUS FOR BEACH: FLORIDA: Naples Area Beaches			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		50	Mid-May to 01 August
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.21. NESTING CENSUS FOR BEACH: FLORIDA: Cape Romano			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	40	Not recorded
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.22. NESTING CENSUS FOR BEACH: FLORIDA: Ft. Jefferson National Monument			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	65	Mid-April through August
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.23. NESTING CENSUS FOR BEACH: FLORIDA: Everglades National Park			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		1,200	Early May to early August
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.24. NESTING CENSUS FOR BEACH: FLORIDA: Bahia Honda State Recreation Area			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		1	August
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.25. NESTING CENSUS FOR BEACH: FLORIDA: Sand Key, Elliot Key, Islamorada, and Long Key			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		Not recorded	Not recorded
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.26. NESTING CENSUS FOR BEACH: FLORIDA: Soldier Key, Dade County			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>			
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>		Less than 1	1 nest in October
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.27. NESTING CENSUS FOR BEACH: FLORIDA: Bill Baggs State Recreation Area			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		57	Early May to mid-August
<i>Chelonia mydas</i>		2	May
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.28. NESTING CENSUS FOR BEACH: FLORIDA: Northern Key Biscayne			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		39	Early May to late September
<i>Chelonia mydas</i>		2	Mid-June to early June *
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			
* Editor's note (2009): Probable data input error by the author of the National Report.			

TABLE 4.29. NESTING CENSUS FOR BEACH: FLORIDA: Miami Beach, Surfside, Bar Harbour, Haulover			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		30	Late March to early August
<i>Chelonia mydas</i>		1	June
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.30. NESTING CENSUS FOR BEACH: FLORIDA: Broward County Beaches			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		1,193	May 1 to August 29

<i>Chelonia mydas</i>		18	Early June to late August
<i>Dermochelys coriacea</i>		6	Early May to mid-June
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.31. NESTING CENSUS FOR BEACH: FLORIDA: Boca Raton Beach

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		370	Early May to early September
<i>Chelonia mydas</i>		8	Early July to late August
<i>Dermochelys coriacea</i>		1	June
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.32. NESTING CENSUS FOR BEACH: FLORIDA: Highland Beach

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		507	Early May to early August
<i>Chelonia mydas</i>		7	Late May to early August
<i>Dermochelys coriacea</i>		6	Late April to early July
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.33. NESTING CENSUS FOR BEACH: FLORIDA: Palm Beach Shores

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		54	Mid-May to early August
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			2 false crawls in June
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.34. NESTING CENSUS FOR BEACH: FLORIDA: Lost Tree Village			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		215	Early May to mid-August
<i>Chelonia mydas</i>		7	Mid-June to late June
<i>Dermochelys coriacea</i>		3	Mid-April to late May
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.35. NESTING CENSUS FOR BEACH: FLORIDA: Juno Beach			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		340	Early May to late August
<i>Chelonia mydas</i>		3	Mid-July to mid-August
<i>Dermochelys coriacea</i>		1	Mid-April to mid-July
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.36. NESTING CENSUS FOR BEACH: FLORIDA: Jupiter Island			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		2,108	Mid-May to late September
<i>Chelonia mydas</i>		10	Early June to mid-August
<i>Dermochelys coriacea</i>		7	Late May to late June
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.37. NESTING CENSUS FOR BEACH: FLORIDA: Hobe Sound National Wildlife Refuge			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		1,100	Late April to 01 September
<i>Chelonia mydas</i>		8	Early June to late August
<i>Dermochelys coriacea</i>		3	June
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.38. NESTING CENSUS FOR BEACH: FLORIDA: St. Lucie Inlet State Recreation Area			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>			Mid-March to mid-September
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.39. NESTING CENSUS FOR BEACH: FLORIDA: Hutchinson Island			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		3,115	Early May to early September
<i>Chelonia mydas</i>		10	Mid-June to early September
<i>Dermochelys coriacea</i>		11	Mid-April to early July
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.40. NESTING CENSUS FOR BEACH: FLORIDA: Ft. Pierce Inlet State Recreation Area			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		26	Mid-May to late August
<i>Chelonia mydas</i>			

<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.41. NESTING CENSUS FOR BEACH: FLORIDA: Sebastian Inlet State Recreation Area

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		297	Early June to late July
<i>Chelonia mydas</i>		2	July
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.42. NESTING CENSUS FOR BEACH: FLORIDA: St. Lucie and Indian River Counties

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		726	Early June through late August
<i>Chelonia mydas</i>		65	Early June through late August
<i>Dermochelys coriacea</i>		2	June
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.43. NESTING CENSUS FOR BEACH: FLORIDA: South Brevard County

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		7,000	Mid-May to late August
<i>Chelonia mydas</i>		60	June through August
<i>Dermochelys coriacea</i>		3	June
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.44. NESTING CENSUS FOR BEACH: FLORIDA: Indialantic and Melbourne Beach			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		2,000	Mid-May to late August
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kempi</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.45. NESTING CENSUS FOR BEACH: FLORIDA: North Brevard County (Cape Canaveral)			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		2,367	Late May to late August
<i>Chelonia mydas</i>		10	Mid-July to mid-August
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kempi</i>		1	September 1982: Canaveral National Seashore
<i>Lepidochelys olivacea</i>			

TABLE 4.46. NESTING CENSUS FOR BEACH: FLORIDA: Volusia County			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		392	Not recorded
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kempi</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.47. NESTING CENSUS FOR BEACH: FLORIDA: Flagler Beach State Recreation Area			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		9	Late May - late July
<i>Chelonia mydas</i>		1	Late June
<i>Dermochelys coriacea</i>			

<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.48. NESTING CENSUS FOR BEACH: FLORIDA: St. Johns County Beaches

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		50	May 31, June, July, August
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.49. NESTING CENSUS FOR BEACH: FLORIDA: Ft. Matanzas National Monument

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		2	June
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.50. NESTING CENSUS FOR BEACH: FLORIDA: Anastasia State Recreation Area

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		2	Early June to early July
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.51. NESTING CENSUS FOR BEACH: FLORIDA: Big Talbot Island

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	0	9	May, June, July, and August

<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.52. NESTING CENSUS FOR BEACH: FLORIDA: Little Talbot Island

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		32	May, June, July, and August
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.53. NESTING CENSUS FOR BEACH: GEORGIA: Cumberland Island

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		227	May-August, 1974-1980
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>		Less than 1	1981
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.54. NESTING CENSUS FOR BEACH: GEORGIA: Little Cumberland Island

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		142	May-August, 1964-1981
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.55. NESTING CENSUS FOR BEACH: GEORGIA: Jekyll Island			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		114	May-August, 1972-1979
<i>Chelonia mydas</i>		Less than 1	1979
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.56. NESTING CENSUS FOR BEACH: GEORGIA: St. Simon's Island			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	0	
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.57. NESTING CENSUS FOR BEACH: GEORGIA: Sea Island			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	19	May-August
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.58. NESTING CENSUS FOR BEACH: GEORGIA: Little St. Simon's Island			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	68	May-August
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.59. NESTING CENSUS FOR BEACH: GEORGIA: Wolf Island (Egg Island: no nesting)			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	51	May-August
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.60. NESTING CENSUS FOR BEACH: GEORGIA: Sapelo Island			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	49	May-August
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.61. NESTING CENSUS FOR BEACH: GEORGIA: Blackbeard Island			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	186	May-August; 1968-1981 (incomplete)
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>		Less than 1	1981
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.62. NESTING CENSUS FOR BEACH: GEORGIA: St. Catherine's Island			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	85	May-August
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.63. NESTING CENSUS FOR BEACH: GEORGIA: Ossabaw Island			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	122	May-August; 1978-1980
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.64. NESTING CENSUS FOR BEACH: GEORGIA: Raccoon Key			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	99	May-August
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.65. NESTING CENSUS FOR BEACH: GEORGIA: Pine Island and Little Wassaw Island			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	19	May-August
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.66. NESTING CENSUS FOR BEACH: GEORGIA: Wassaw Island			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	61	May-August; 1974-1980
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.67. NESTING CENSUS FOR BEACH: GEORGIA: Cabbage Island			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		27 *	May-August
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			
* Includes Petite Chou, Williamson, and Little Tybee islands			

TABLE 4.68. NESTING CENSUS FOR BEACH: GEORGIA: Petite Chou Island			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	*	May-August
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			
* Included under Cabbage Island			

TABLE 4.69. NESTING CENSUS FOR BEACH: GEORGIA: Williamson Island			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	*	May-August
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			
* Included under Cabbage Island			

TABLE 4.70. NESTING CENSUS FOR BEACH: GEORGIA: Little Tybee Island			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	*	May-August
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			

<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			
* Included under Cabbage Island			

TABLE 4.71. NESTING CENSUS FOR BEACH: GEORGIA: Tybee Island

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	3	May-August
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.72. NESTING CENSUS FOR BEACH: SOUTH CAROLINA: Turtle Island

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		2	1980-1982
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.73. NESTING CENSUS FOR BEACH: GEORGIA: SOUTH CAROLINA: Daufuskie Island

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		10	1980-1982
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.74. NESTING CENSUS FOR BEACH: SOUTH CAROLINA: Hilton Head Island

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		71	1980-1982
<i>Chelonia mydas</i>			

<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.75. NESTING CENSUS FOR BEACH: SOUTH CAROLINA: St. Phillips Island and Bay Point Islands

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		155	1980-1982
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.76. NESTING CENSUS FOR BEACH: SOUTH CAROLINA: Little Capers Island

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		42	1980-1982
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.77. NESTING CENSUS FOR BEACH: SOUTH CAROLINA: Pritchard Island

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		125	1980-1982
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.78. NESTING CENSUS FOR BEACH: SOUTH CAROLINA: Fripp Island

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		130	1981
<i>Chelonia mydas</i>			

<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.79. NESTING CENSUS FOR BEACH: SOUTH CAROLINA: Harbor Island and Hunting Island

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		125	1981
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.80. NESTING CENSUS FOR BEACH: SOUTH CAROLINA: Otter Island

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		203	1980-1982
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.81. NESTING CENSUS FOR BEACH: SOUTH CAROLINA: Pine Island

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		12	1980-1982
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.82. NESTING CENSUS FOR BEACH: SOUTH CAROLINA: Edisto Beach

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		55	1981
<i>Chelonia mydas</i>			

<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.83. NESTING CENSUS FOR BEACH: SOUTH CAROLINA: Edingsville Beach

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		65	1981
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.84. NESTING CENSUS FOR BEACH: SOUTH CAROLINA: Botany Bay Island

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		127	1981
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.85. NESTING CENSUS FOR BEACH: SOUTH CAROLINA: Seabrook Island

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		24	1980-1982
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.86. NESTING CENSUS FOR BEACH: SOUTH CAROLINA: Kiawah Island

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		160	1972-1981
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			

<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.87. NESTING CENSUS FOR BEACH: SOUTH CAROLINA: Folly Beach

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		17	1980-1982
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.88. NESTING CENSUS FOR BEACH: SOUTH CAROLINA: Morris Island

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		9	1980-1982
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.89. NESTING CENSUS FOR BEACH: SOUTH CAROLINA: Sullivan's Island

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		0	1980-1982
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.90. NESTING CENSUS FOR BEACH: SOUTH CAROLINA: Isle of Palms

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		19	1980-1982
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			

<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.91. NESTING CENSUS FOR BEACH: SOUTH CAROLINA: Dewees Island

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		5	1980-1982
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.92. NESTING CENSUS FOR BEACH: SOUTH CAROLINA: Capers Island

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		33	1980-1982
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.93. NESTING CENSUS FOR BEACH: SOUTH CAROLINA: Bulls Island

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		60	1975-1981
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.94. NESTING CENSUS FOR BEACH: SOUTH CAROLINA: Raccoon Key

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		115	1975-1981
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.95. NESTING CENSUS FOR BEACH: SOUTH CAROLINA: Lighthouse Island			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		207	1980-1982
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.96. NESTING CENSUS FOR BEACH: SOUTH CAROLINA: Cape Island			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		1,600	1975-1981
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.97. NESTING CENSUS FOR BEACH: SOUTH CAROLINA: Murphy Island			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		95	1980-1982
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.98. NESTING CENSUS FOR BEACH: SOUTH CAROLINA: Cedar Island			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		120	1980-1982
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.99. NESTING CENSUS FOR BEACH: SOUTH CAROLINA: South Island			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		150	1977-1982
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.100. NESTING CENSUS FOR BEACH: SOUTH CAROLINA: Sand Island			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		250	1977-1982
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.101. NESTING CENSUS FOR BEACH: SOUTH CAROLINA: North Island			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		100	1977
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.102. NESTING CENSUS FOR BEACH: SOUTH CAROLINA: Debidue Island			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		45	1980-1982
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.103. NESTING CENSUS FOR BEACH: SOUTH CAROLINA: Grand Strand			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		35	1980-1982
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.104. NESTING CENSUS FOR BEACH: NORTH CAROLINA: Sunset Beach			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	1	June, July 1979-1982
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.105. NESTING CENSUS FOR BEACH: NORTH CAROLINA: Ocean Isle Beach			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	2	June-July 1982
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.106. NESTING CENSUS FOR BEACH: NORTH CAROLINA: Holden Beach			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		1	June, July 1979-1982
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.107. NESTING CENSUS FOR BEACH: NORTH CAROLINA: Oak Island			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	4	June, July, August 1979-1982
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kempi</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.108. NESTING CENSUS FOR BEACH: NORTH CAROLINA: Baldhead Island (Smith Isl.)			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	52	May, June, July, August 1977-1982
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kempi</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.109. NESTING CENSUS FOR BEACH: NORTH CAROLINA: Carolina Beach Inlet to Corncake Inlet			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>		1	June, July 1977-1980
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kempi</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.110. NESTING CENSUS FOR BEACH: NORTH CAROLINA: Masonboro Inlet to Carolina Beach Inlet			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	3	June, July 1979-1982
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			

<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.111. NESTING CENSUS FOR BEACH: NORTH CAROLINA: Wrightsville Beach - Mason Inlet to Masonboro Inlet

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	2	June, July 1979-1982
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.112. NESTING CENSUS FOR BEACH: NORTH CAROLINA: Figure Eight Island

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	4	June, July 1979-1982
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.113. NESTING CENSUS FOR BEACH: NORTH CAROLINA: New Topsail Inlet to Rich Inlet

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	1	June, July, August 1975-1982
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.114. NESTING CENSUS FOR BEACH: NORTH CAROLINA: Topsail Beach			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	15	June, July, August 1975-1982
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.115. NESTING CENSUS FOR BEACH: NORTH CAROLINA: Onslow Beach			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	62	May, June, July, August 1979-1982
<i>Chelonia mydas</i>	---	Less than 1	1980
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.116. NESTING CENSUS FOR BEACH: NORTH CAROLINA: Brown Island			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	18	June, July, August 1975-1982
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.117. NESTING CENSUS FOR BEACH: NORTH CAROLINA: Bear Island			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	50	May, June, July, August 1975-1982
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.118. NESTING CENSUS FOR BEACH: NORTH CAROLINA: Bogue Banks			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	10	May, June, July, August 1975-1982
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.119. NESTING CENSUS FOR BEACH: NORTH CAROLINA: Shackleford Banks			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	3	June, July, August; 1978-1982
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.120. NESTING CENSUS FOR BEACH: NORTH CAROLINA: Core Banks (including Cape Lookout)			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	25	May, June, July, August 1978-1982
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.121. NESTING CENSUS FOR BEACH: NORTH CAROLINA: Ocracoke Island			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	4	May, June, July, August 1979-1982
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			

<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.122. NESTING CENSUS FOR BEACH: NORTH CAROLINA: Hatteras Island (including Pee Island)

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	18	May, June, July, August 1971-1982
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.123. NESTING CENSUS FOR BEACH: NORTH CAROLINA: Bodie Island

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	1	June, July, August; 1979-1982
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.124. NESTING CENSUS FOR BEACH: NORTH CAROLINA: Currituck Banks (Virginia line) to Whale Bone Junction

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	2	June, July 1979-1982
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.125. NESTING CENSUS FOR BEACH: VIRGINIA: False Cape State Park			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	1	Not recorded
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.126. NESTING CENSUS FOR BEACH: VIRGINIA: Back Bay National Wildlife Refuge			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	1	July 1982
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.127. NESTING CENSUS FOR BEACH: VIRGINIA: Banks of Nature Conservancy			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	2	Not recorded
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.128. NESTING CENSUS FOR BEACH: VIRGINIA: Paramore Island			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	1	Not recorded
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.129. NESTING CENSUS FOR BEACH: VIRGINIA: Wallops Island			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	1	July 1982
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.130. NESTING CENSUS FOR BEACH: VIRGINIA: Sandbridge			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	Less than 1	July 1980
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.131. NESTING CENSUS FOR BEACH: VIRGINIA: Chincoteague National Wildlife Refuge			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	1	July 1975-1982
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.132. NESTING CENSUS FOR BEACH: MARYLAND: Assateague Island National Seashore			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	1	1977-1979
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemp</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.133. NESTING CENSUS FOR BEACH: NEW JERSEY: Island Beach State Park to Seaside Park			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	Less than 1	1980
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kempi</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4.134. NESTING CENSUS FOR BEACH: NEW JERSEY: Ocean City			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	---	Less than 1	1972
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kempi</i>			
<i>Lepidochelys olivacea</i>			

TABLE 5. AERIAL BEACH SURVEY SUMMARY * **								
Give any additional information available from aerial surveys. Information should include ground truth observation if conducted.								
Date	Beaches Surveyed	Numbers of Nesting Tracks***						
		Cc	Cm	D	E	Lk	Lo	No ID
May 1980	North Carolina	1						
May 1980	South Carolina	0						
May 1980	Georgia	0						
May 1980	Florida (east coast)	27						
June 1980	North Carolina	2						
June 1980	South Carolina	102						
June 1980	Georgia	138						
June 1980	Florida	123						
July 1980	North Carolina	14						
July 1980	South Carolina	188						
July 1980	Georgia	62						
July 1980	Florida	109						
August 1980	North Carolina	8						
August 1980	South Carolina	6						
August 1980	Georgia	2						
August 1980	Florida	25						
26 May 1982	North Carolina	0						
26 May 1982	South Carolina	39						
26 May 1982	Georgia	40						
26 May 1982	Florida	469						

TABLE 5. AERIAL BEACH SURVEY SUMMARY *. **								
Give any additional information available from aerial surveys. Information should include ground truth observation if conducted.								
Date	Beaches Surveyed	Numbers of Nesting Tracks***						
		Cc	Cm	D	E	Lk	Lo	No ID
23 June 1982	North Carolina	12						
23 June 1982	South Carolina	81						
23 June 1982	Georgia	40						
24 June 1982	Florida (east coast)	991						
24 June1982	Florida (west coast)	97						
25 June 1982	Alabama	2						
25 June 1982	Mississippi	0						
25 June 1982	Louisiana	0						
25 June 1982	Texas	0						
23 July 1982	North Carolina	38						
23 July 1982	South Carolina	76						
24 July 1982	Florida	1,414						
25 July 1982	Georgia	170						
03 August 1982	Georgia	31						
Species		Abbreviation						
<i>Caretta caretta</i>		Cc						
<i>Chelonia mydas</i>		Cm						
<i>Dermochelys coriacea</i>		D						
<i>Eretmochelys imbricata</i>		E						
<i>Lepidochelys kemp</i>		Lk						
<i>Lepidochelys olivacea</i>		Lo						
* Note: A compiled data table for 1982 sea turtle aerial beach surveys is attached.								
** <i>Editor's note (2009)</i> : In the original National Report, the information in this Table (5) was placed on 4 separate tables and labeled Table 5-1 to 5-4. These 4 tables have been consolidated for readability.								
*** Records of fresh nest crawls for <i>Caretta caretta</i> only.								

Compiled Data Table for the 1982 Sea Turtle Aerial Beach Surveys

Editor's note (2009): This table is undecipherable; it has been excerpted from the National Report exactly as it appears in the published proceedings (Bacon et al. 1984).

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

TABLE NUMBER		STATE		PAGE	
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
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9	9	9	9	9	9
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40	40	40	40	40	40
41	41	41	41	41	41
42	42	42	42	42	42
43	43	43	43	43	43
44	44	44	44	44	44
45	45	45	45	45	45
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47	47	47	47	47	47
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50	50	50	50	50	50
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52	52	52	52	52	52
53	53	53	53	53	53
54	54	54	54	54	54
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57	57	57	57	57	57
58	58	58	58	58	58
59	59	59	59	59	59
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62	62	62	62	62	62
63	63	63	63	63	63
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66	66	66	66	66	66
67	67	67	67	67	67
68	68	68	68	68	68
69	69	69	69	69	69
70	70	70	70	70	70
71	71	71	71	71	71
72	72	72	72	72	72
73	73	73	73	73	73
74	74	74	74	74	74
75	75	75	75	75	75
76	76	76	76	76	76
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78	78	78	78	78	78
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80	80	80	80	80	80
81	81	81	81	81	81
82	82	82	82	82	82
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87	87	87	87	87	87
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91	91	91	91	91	91
92	92	92	92	92	92
93	93	93	93	93	93
94	94	94	94	94	94
95	95	95	95	95	95
96	96	96	96	96	96
97	97	97	97	97	97
98	98	98	98	98	98
99	99	99	99	99	99
100	100	100	100	100	100

TABLE 5A. AERIAL BEACH SURVEY SUMMARY (supplementary page)

Give any additional information available from aerial surveys. Information should include ground truth observation if conducted.

SYSTEM

Systematic sea turtle aerial nesting beach surveys were conducted in 1980, repeated in 1982, and are being repeated during 1983. The shoreline surveyed, North Carolina, South Carolina, Georgia, and the Florida east coast, is the densest concentration of nesting by the loggerhead sea turtle *Caretta caretta* in the Atlantic area. The surveys are flown at about 14-day intervals from about late May through August. Ground truth is conducted at systematically selected beaches throughout the area.

A comprehensive report on these surveys is planned by the Miami Data Analysis Program of the Southeast Fisheries Center for September 1983.

TABLE 6. ESTIMATED POPULATION SIZE OF NESTING FEMALES				
Summarize the estimated number of nesting females for the years indicated and describe methods of estimation on the next page.				
Species	Year			Annual Average**
	1982*	1981	1980*	
<i>Caretta caretta</i>	28,884		18,297	28,448
<i>Chelonia mydas</i>				182
<i>Dermochelys coriacea</i>				38
<i>Eretmochelys imbricata</i>				2
<i>Lepidochelys kemp</i>				Less than 1
<i>Lepidochelys olivacea</i>				0
* Estimates from aerial surveys from North Carolina through Florida's east coast: records for fresh nest crawls of <i>Caretta caretta</i> only				
** Estimates are Annual Average of Recent Years, primarily 1962-1977, with some records to 1964; based on beach surveys and some aerial surveys; obtained from the State Representatives for US/WATS and the US Recovery Plan for Sea Turtles draft.				

TABLE 6A. ESTIMATED POPULATION OF NESTING FEMALES (supplementary page)

Please give brief details on methods of estimation for Table 6.

Description of method of estimation of Estimated Populations of Nesting Females for the United States.

1. The estimated average numbers of total nests in one year (T) for recent years are:

State	<i>Caretta caretta</i>	<i>Chelonia mydas</i>	<i>Dermochelys coriacea</i>	<i>Eretmochelys imbricata</i>	<i>Lepidochelys kemp</i>
Texas	1				< 1
Louisiana	0				
Mississippi	4				
Alabama	1				
Florida	24,058	204	43	2	
Georgia	1,272	< 1	< 1		
S. Carolina	4,136				
N. Carolina	279	<1			
Virginia	7				
Delaware	0				
Maryland	1				
New Jersey	< 1				
TOTALS	29,759	204	43	2	

2. The following factors were used for each species for the estimated average number of nests per season for females nesting that season (ns) and the average remigrational interval (ri):

	ns	ri	
<i>Caretta caretta</i>	2.5*	2.5	* = 3.3 for Georgia and South Carolina
<i>Chelonia mydas</i>	2.8	2.5	
<i>Dermochelys coriacea</i>	2.5	2.2	
<i>Eretmochelys imbricata</i>	2.5	2.5	
<i>Lepidochelys kemp</i>	1.3	1.8	

3. The formula used was: (T/ns) x ri = nesting females in the population

TABLE 7. FORAGING AREAS INVENTORY			
Name of Area (or give coordinates)	Approx. Area (Km ²)	Species Foraging (use abbreviations & approx. numbers)	Nature of Evidence (observation, fishery, incidental catch)
1. Areas of Texas through Massachusetts (Texas-North Carolina)*		Cc, Cm, D, E, Lk (approximate numbers not available)	Pelagic and beach aerial surveys, vessel surveys, incidental catch surveys from fisheries and intakes, strandings, scuba and other sightings
2. Cape Canaveral Ship Channel on Florida's east coast	6 miles long, 400 ft. wide, 40 ft. deep	Cc - 84 to 552 estimated at any time; Cm, Lk rare	Vessel surveys. The most abundant concentration of Cc known.
Species		Abbreviation	
<i>Caretta caretta</i>		Cc	
<i>Chelonia mydas</i>		Cm	
<i>Dermochelys coriacea</i>		D	
<i>Eretmochelys imbricata</i>		E	
<i>Lepidochelys kemp</i>		Lk	
<i>Lepidochelys olivacea</i>		Lo	
* Note: The waters off the Atlantic and Gulf coasts of the United States, from inshore to well offshore and in certain enclosed areas, comprise a foraging area for sea turtles. First details of foraging distribution (North Carolina-Florida) are being compiled from pelagic aerial surveys.			

TABLE 8.1. TURTLE SPECIES PRESENT ON FORAGING AREAS													
Please complete one of these tables for each of the areas identified in Table 7. Number each table as enumerated in Table 7 (7-1, 7-2, etc.).													
Species	Month												Months of Greatest Activity*
	J	F	M	A	M	J	J	A	S	O	N	D	
<i>Caretta caretta</i>	X	X	X	X	X	X	X	X	X	X	X	X	March-November
<i>Chelonia mydas</i>	X	X	X	X	X	X	X	X	X	X	X	X	April-October
<i>Dermochelys coriacea</i>					X	X	X	X	X	X	X		June-October
<i>Eretmochelys imbricata</i>	X	X	X	X	X	X	X	X	X	X	X	X	April-October
<i>Lepidochelys kemp</i>	X	X	X	X	X	X	X	X	X	X	X	X	May-November
<i>Lepidochelys olivacea</i>													
* Note: Foraging activity is reduced during winter in all areas, and sea turtles are absent from the more northern areas. During colder winters, hibernation and hypothermic stunning / mortality may occur.													

TABLE 8.2. TURTLE SPECIES PRESENT ON FORAGING AREAS. Cape Canaveral Channel													
Please complete one of these tables for each of the areas identified in Table 7. Number each table as enumerated in Table 7 (7-1, 7-2, etc.).													
Species	Month												Months of Greatest Activity*
	J	F	M	A	M	J	J	A	S	O	N	D	
<i>Caretta caretta</i>	X	X	X	X	X	X	X	X	X	X	X	X	February, March, June, October, December**

Species	Abbreviation
<i>Caretta caretta</i>	Cc
<i>Chelonia mydas</i>	Cm
<i>Dermochelys coriacea</i>	D
<i>Eretmochelys imbricata</i>	E
<i>Lepidochelys kemp</i>	Lk
<i>Lepidochelys olivacea</i>	Lo
* Natural mortality causes may include: Beach erosion of nests; egg and/or nestling predation by crabs, wild animals, seabirds, etc.; disease; sharks and other predators at sea, etc. ** Data insufficient for reliable estimation; a few local beach estimates range from 100% mortality to no mortality (the latter with nest protection efforts). *** Data insufficient for reliable estimation; hatchling mortality on the beach estimated at less than 5% in local areas. **** Data insufficient for reliable estimates.	

TABLE 10A. NATURAL MORTALITY (supplementary page for additional biological data)

Please report below, and on additional pages, if necessary, additional data obtained or available such as measurements (length, width, weight) of adult females, adult males, hatchlings, numbers of eggs per nest, hours of nesting, hours and conditions of hatchlings, etc.

Additional biological data, including that noted above, is in the computerized data base for sea turtles of the Southeast Fisheries in Miami and Pascagoula. Extensive additional records are held in the archives of many of the research projects listed in Table 21 of this report.

TABLE 11. LANDING SITES FOR TURTLES AND TURTLE PRODUCTS				
Name of Port or Site	Species Landed (use abbrev)	Fishing Gear Used	Months of Landings	Numbers & Weights (estimate)
None	---	---	---	---
Species	Abbreviation			
<i>Caretta caretta</i>	Cc			
<i>Chelonia mydas</i>	Cm			
<i>Dermochelys coriacea</i>	D			
<i>Eretmochelys imbricata</i>	E			
<i>Lepidochelys kemp</i>	Lk			
<i>Lepidochelys olivacea</i>	Lo			

TABLE 12. TOTAL ANNUAL TURTLE LANDINGS IN NUMBERS				
Do not include turtles caught incidental to other fishing operations (e.g., shrimp trawling)				
Species	Year			Method of Determination
	1982	1981	1980	
<i>Caretta caretta</i>	None	None	None	*
<i>Chelonia mydas</i>	None	None	None	*
<i>Dermochelys coriacea</i>	None	None	None	*
<i>Eretmochelys imbricata</i>	None	None	None	*
<i>Lepidochelys kemp</i>	None	None	None	*

<i>Lepidochelys olivacea</i>	None	None	None	*
* <i>Editor's note (2009)</i> : See Table 12A for information about landing sites for turtles and turtle products prior to 1980.				

TABLE 12A *. LANDING SITES FOR TURTLES AND TURTLE PRODUCTS (supplementary page)			
Information from the EIS Listing and Protecting the Green, Loggerhead, and Olive Ridley Under the Endangered Species Act of 1973			
U.S. Landings of Green Sea Turtles **			
Year	Pounds (thousand)	Value \$ (thousand)	
1950	7	7	
*** (Unclassified)	(74)	(5)	
1951	9	1	
(Unclassified)	(74)	(5)	
1952	97	14	
(Unclassified)	(74)	(5)	
1953	15	2	
(Unclassified)	(74)	(5)	
1954	3	1 ****	
(Unclassified)	(34)	(3)	
1955	1	1 ****	
(Unclassified)	(21)	(2)	
1956	5	1	
1957	4	1	
(Unclassified)	(1)	(1) ****	
1958	9	1	
1959	12	1	
1960	31	4	
1961	36	6	
(Unclassified)	1	(1) ****	
1962	31	4	
(Unclassified)	(1)	(1) ****	
1963	55	9	
(Unclassified)	(2)	(1) ****	
1964	33	4	
(Unclassified)	(4)	(1)	
1965	31	5	
(Unclassified)	(4)	(1) ****	
1966	31	5	
(Unclassified)	(7)	(1)	
1967	154	25	
(Unclassified)	(6)	(1)	
1968	64	14	
(Unclassified)	(4)	(2)	
1969	14	3	
(Unclassified)	(9)	(3)	
1970	421	91	
(Unclassified)	(13)	(5)	
1971	133	33	
(Unclassified)	(20)	(10)	

TABLE 12A *. LANDING SITES FOR TURTLES AND TURTLE PRODUCTS (supplementary page)		
Information from the EIS Listing and Protecting the Green, Loggerhead, and Olive Ridley Under the Endangered Species Act of 1973		
U.S. Landings of Green Sea Turtles **		
Year	Pounds (thousand)	Value \$ (thousand)
1972	137	34
(Unclassified)	(23)	(11)
1973	34	9
(Unclassified)	(1)	(1) ****
1974	27	6
(Unclassified)	(2)	(1) ****
1975	---	---
(Unclassified)	(4)	(1)
1976	---	---
(Unclassified)	(1)	(1)****
<p>* <i>Editor's note (2009):</i> This table (12A) is labeled as Table 5: U.S. Landings of Green Sea Turtles, in the original National Report. Editor renumbered it to maintain consistency in labeling among all national reports and to place it in context with the other tables in this report.</p> <p>** Sources: Department of Commerce, NOAA, NMFS. Fishery Statistics of the United States. Also, these statistics do not include landings in Hawaii and Puerto Rico. 1976 is the latest year in which U.S. commercial landings data are available.</p> <p>*** "Unclassified" means landings of turtles unclassified as to species. These unclassified turtles may include some green sea turtles.</p> <p>**** Less than \$500.</p>		

TABLE 12B *. LANDING SITES FOR TURTLES AND TURTLE PRODUCTS (supplementary page)		
Information from the EIS Listing and Protecting the Green, Loggerhead, and Olive Ridley Under the Endangered Species Act of 1973		
U.S. Landings of Loggerhead Sea Turtles **		
Year	Pounds (thousand)	Value \$ (thousand)
1950	45	3
*** (Unclassified)	(74)	(5)
1951	43	4
(Unclassified)	(74)	(5)
1952	81	7
(Unclassified)	(74)	(5)
1953	48	3
(Unclassified)	(74)	(5)
1954	18	1
(Unclassified)	(34)	(3)
1955	3	1 ****
(Unclassified)	(21)	(2)
1956	8	1 ****
1957	7	1 ****
(Unclassified)	(1)	(1)
1958	3	1 ****
1959	7	1
1960	13	1

TABLE 12B *. LANDING SITES FOR TURTLES AND TURTLE PRODUCTS (supplementary page)			
Information from the EIS Listing and Protecting the Green, Loggerhead, and Olive Ridley Under the Endangered Species Act of 1973			
U.S. Landings of Loggerhead Sea Turtles **			
1961		6	1 ****
	(Unclassified)	1	(1)
1962		9	1
	(Unclassified)	(2)	(1)
1963		9	1
	(Unclassified)	(2)	(1)
1964		2	1 ****
	(Unclassified)	(4)	(1)
1965		3	1 ****
	(Unclassified)	(4)	(1) ****
1966		4	1 ****
	(Unclassified)	(7)	(1)
1967		2	1 ****
	(Unclassified)	(6)	(1)
1968		3	1 ****
	(Unclassified)	(4)	(2)
1969		1	1 ****
	(Unclassified)	(9)	(3)
1970		1	1 ****
	(Unclassified)	(13)	(3)
1971		27	5
	(Unclassified)	(20)	(10)
1972		8	1
1973		44	5
1974		8	1
	(Unclassified)	(2)	(1) ****
<p>* <i>Editor's note (2009):</i> This table (12B) is labeled as Table 6: U.S. Landings of Loggerhead Sea Turtles, in the original National Report. Editor renumbered it to maintain consistency in labeling among all national reports and to place it in context with the other tables in this report.</p> <p>** Sources: Department of Commerce, NOAA, NMFS. Fishery Statistics of the United States. 1974 is the latest year in which U.S. commercial landings data are available.</p> <p>*** "Unclassified" means landings of turtles unclassified as to species. These unclassified turtles may include some loggerhead sea turtles.</p> <p>**** Less than \$500.</p>			

TABLE 13.1*. ESTIMATED INCIDENTAL TURTLE CATCH BY SHRIMP TRAWLING (Give estimated numbers and/or weights)				
Species	Year			Type of Fishing Activity & Method of Estimation
	1982**	1981**	1980**	
<i>Caretta caretta</i>	<u>42,868</u> 11,738	<u>42,868</u> 11,738	<u>42,868</u> 11,738	Shrimp trawling. Estimated from NMFS observer records
<i>Chelonia mydas</i>	<u>432</u> 97	<u>432</u> 97	<u>432</u> 97	

<i>Dermochelys coriacea</i>	<u>1,476</u> 505	<u>1,476</u> 505	<u>1,476</u> 505	
<i>Eretmochelys imbricata</i>				
<i>Lepidochelys kemp</i>	<u>843</u> 275	<u>843</u> 275	<u>843</u> 275	
<i>Lepidochelys olivacea</i>				
* <i>Editor's note (2009)</i> : This table (13.1) is labeled as Table 13-A in the original National Report. Editor renumbered it to maintain consistency in labeling among all national reports.				
** Estimated mean annual catch (upper number) and subsequent mortality (lower number)				

TABLE 13.2*. ESTIMATED INCIDENTAL TURTLE CATCH BY OTHER METHODS THAN SHRIMP TRAWLING (Give estimated numbers and/or weights)				
Species	Year			Type of Fishing Activity & Method of Estimation
	1982	1981	1980	
<i>Caretta caretta</i>	**	**	**	Boat collision. Gill nets (for shark, sturgeon, and shad). Pound nets. Power plant seawater intakes. Fish trawling. Hook and line fishing. Channel dredging.
<i>Chelonia mydas</i>	**	**	**	Power plant seawater intakes. Hook and line fishing. Speargun fishing. Channel dredging.
<i>Dermochelys coriacea</i>	**	**	**	Pound nets. Fish trawling. Power plant seawater intakes. Long line fishing.
<i>Eretmochelys imbricata</i>	**	**	**	Speargun fishing. Power plant seawater intakes.
<i>Lepidochelys kemp</i>	**	**	**	Pound nets. Hook and line fishing.
<i>Lepidochelys olivacea</i>	0	0	0	
* <i>Editor's note (2009)</i> : This table (13.2) is labeled as Table 13-B in the original National Report. The Editor renumbered it to maintain consistency in labeling among all national reports.				
** Data insufficient to estimate numbers caught or killed.				

TABLE 13A. ESTIMATED TURTLE CATCH BY FOREIGN FISHERMEN (supplementary page)

Please describe the type of foreign fishing in your waters and provide estimates for:

1. Number of foreign vessels catching turtles
2. Number of foreign fishermen catching turtles
3. Year of estimate.

1. Japanese tuna longliners incidentally catch sea turtles on longlines fished in the U.S. Fishery Conservation Zone. About 20 to 70 such vessels fish there seasonally. NMFS fishery observers record all catches on about 20% of the vessels fishing. On those observer-covered vessels, all sea turtles alive when caught are immediately returned alive to the water; the mortality of the observer sample was 24%.

2. Each Japanese longliner has a crew of about 20.

3. The Table 13 estimates are from observer records for 1979-1981.

TABLE 14. ESTIMATED TURTLE CATCH BY FOREIGN FISHERMEN Give numbers and/or estimated weights)

Species	Year			Type of Fishing Activity & Method of Estimation
	1982	1981*	1980*	
<i>Caretta caretta</i>		53	53	Japanese tuna longlines. NMFE observers' records at 20% fishing coverage times 5.
<i>Chelonia mydas</i>		8	8	Japanese tuna longlines. NMFE observers' records at 20% fishing coverage times 5.
<i>Dermochelys coriacea</i>		38	38	Japanese tuna longlines. NMFE observers' records at 20% fishing coverage times 5.
<i>Eretmochelys imbricata</i>				
<i>Lepidochelys kemp</i>				
Unidentified species		33	33	Japanese tuna longlines. NMFE observers' records at 20% fishing coverage times 5.

* Average of 1979-1981 observations.

TABLE 15. OFFICIAL STATISTICS OF TURTLE PRODUCTION

Complete one of these tables for each species taken in the fishery.

Turtle Product	1982	1981	1980	Current Market Price/Unit	Method of Data Collection
No. of eggs	*	*	*		
Meat (kg)**	*	*	*		
Shell No./Wt.	*	*	*		
Skins No./Wt.	*	*	*		
Stuffed Juveniles	*	*	*		

* Note: Sea turtle production in the United States ceased in 1978 with additional listings to the U.S. Endangered Species Act.

TABLE 16. EMPLOYMENT DEPENDENT ON TURTLES

Activity	Total Annual Numbers of Persons	Est. Annual Income From Turtles	Comments
Fishing	*	*	*
Processing	*	*	*
Selling	*	*	*

* Note: Since 1978, there has been no employment or income from sea turtle use or production.

TABLE 16A. EMPLOYMENT DEPENDENT ON TURTLES (supplementary page)

In addition to marketed products, it is estimated that the following are taken annually from beaches or at sea for subsistence use:

- A: Subsistence exploitation
1. Estimated number of eggs:
 2. Estimated number of nesting females:
 3. Number of turtles caught at sea:
 4. Other:

Note: subsistence exploitation is illegal, and poaching has been very rare since 1978 and for many years prior in most states.

B: Social aspects

In addition to the described fishery activities, exploitation of turtles may be permitted in some countries according to special rights or privileges extended to certain groups of people. If such specialized turtle exploitation exists, please give details (i.e., beach rights, ethnic traditions, specific seasons of the year, special permits, etc.).

No special rights of privileges are extended.

TABLE 17.1*. TURTLE MARICULTURE OPERATIONS TEXAS. YEAR: 1977 for *Caretta caretta*; 1978-1982 for *Lepidochelys kemp*

This table quantifies activities concerned with turtle culture for either conservation, population enhancement experiments, or commercial use. Activities to be included are "headstarting", re-nesting, incubation and release, etc. Prepare separate table for each year of available data.

Species	Hatchery Operations					Holding Live Turtles		
	Eggs Collect.	Eggs Hatch	No. Release	Age at Release	No. Retain	No. of Juvs.	Adult Females	Adult Males
<i>Caretta caretta</i> (Galveston)		2,000	220	about 6 months	0			
<i>Chelonia mydas</i>								
<i>Dermochelys coriacea</i>								
<i>Eretmochelys imbricata</i>								
<i>Lepidochelys kemp</i> (Padre Island, Galveston)	13,097	9,223	7,946	6-10 months	322	95		
<i>Lepidochelys olivacea</i>								
* Summary Table (17.1A) attached.								

TABLE 17.1A TURTLE MARICULTURE OPERATIONS TEXAS. YEAR: 1977 for *Caretta caretta*; 1978-1982 for *Lepidochelys kempi*.

Editor's note (2009): This table is undecipherable; it has been excerpted from the National Report exactly as it appears in the published proceedings (Bacon et al. 1984).

Summary of Texas's Marine Turtle Mariculture Operations and Selected Data - Houston, Texas

Year	Species	Eggs Collected	Hatchery Operations				No. Released	Age at Release	No. Retain	No. of Juvs.	Adult Females	Adult Males
			Eggs Hatch	No. Release	Age at Release	No. Retain						
1977	<i>Caretta caretta</i>	1,000	10.0	10.0	0.0	0.0	10.0	10.0	0.0	0.0	0.0	0.0
1978	<i>Lepidochelys kempi</i>	1,000	10.0	10.0	0.0	0.0	10.0	10.0	0.0	0.0	0.0	0.0
1979	<i>Lepidochelys kempi</i>	1,000	10.0	10.0	0.0	0.0	10.0	10.0	0.0	0.0	0.0	0.0
1980	<i>Lepidochelys kempi</i>	1,000	10.0	10.0	0.0	0.0	10.0	10.0	0.0	0.0	0.0	0.0
1981	<i>Lepidochelys kempi</i>	1,000	10.0	10.0	0.0	0.0	10.0	10.0	0.0	0.0	0.0	0.0
1982	<i>Lepidochelys kempi</i>	1,000	10.0	10.0	0.0	0.0	10.0	10.0	0.0	0.0	0.0	0.0
Total		5,000	50.0	50.0	0.0	0.0	50.0	50.0	0.0	0.0	0.0	0.0

TABLE NUMBER 17 STATE TEXAS

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

TABLE 17.2. TURTLE MARICULTURE OPERATIONS. FLORIDA. YEAR: 1971-1982

This table quantifies activities concerned with turtle culture for either conservation, population enhancement experiments, or commercial use. Activities to be included are "headstarting", re-nesting, incubation and release, etc. Prepare separate table for each year of available data.

Species	Hatchery Operations					Holding Live Turtles		
	Eggs Collect.	Eggs Hatch	No. Release	Age at Release	No. Retain	No. of Juvs.	Adult Females	Adult Males
<i>Caretta caretta</i>			About 500					
<i>Chelonia mydas</i>			> 14,000					
<i>Dermochelys coriacea</i>								
<i>Eretmochelys imbricata</i>								
<i>Lepidochelys kempi</i>							3	9
<i>Lepidochelys olivacea</i>								

TABLE 17.3. TURTLE MARICULTURE OPERATIONS. SOUTH CAROLINA. YEAR: 1980								
This table quantifies activities concerned with turtle culture for either conservation, population enhancement experiments, or commercial use. Activities to be included are "headstarting", re-nesting, incubation and release, etc. Prepare separate table for each year of available data.								
Species	Hatchery Operations					Holding Live Turtles		
	Eggs Collect.	Eggs Hatch	No. Release	Age at Release	No. Retain	No. of Juvs.	Adult Females	Adult Males
<i>Caretta caretta</i>								
<i>Chelonia mydas</i>	468	95	71	1 day	24 dead	6? 1		
<i>Dermochelys coriacea</i>								
<i>Eretmochelys imbricata</i>								
<i>Lepidochelys kemp</i>								
<i>Lepidochelys olivacea</i>								

TABLE 17.4. TURTLE MARICULTURE OPERATIONS. SOUTH CAROLINA, Cape Island. YEAR: 1981								
This table quantifies activities concerned with turtle culture for either conservation, population enhancement experiments, or commercial use. Activities to be included are "headstarting", re-nesting, incubation and release, etc. Prepare separate table for each year of available data.								
Species	Hatchery Operations					Holding Live Turtles		
	Eggs Collect.	Eggs Hatch	No. Release	Age at Release	No. Retain	No. of Juvs.	Adult Females	Adult Males
<i>Caretta caretta</i>	60,896	37,135	37,135	Same night	0			
<i>Chelonia mydas</i>								
<i>Dermochelys coriacea</i>								
<i>Eretmochelys imbricata</i>								
<i>Lepidochelys kemp</i>								
<i>Lepidochelys olivacea</i>								

TABLE 17.5. TURTLE MARICULTURE OPERATIONS. SOUTH CAROLINA, Kiawah Island. YEAR: 1981

This table quantifies activities concerned with turtle culture for either conservation, population enhancement experiments, or commercial use. Activities to be included are "headstarting", re-nesting, incubation and release, etc. Prepare separate table for each year of available data.

Species	Hatchery Operations					Holding Live Turtles		
	Eggs Collect.	Eggs Hatch	No. Release	Age at Release	No. Retain	No. of Juvs.	Adult Females	Adult Males
<i>Caretta caretta</i>	16,768	12,179	12,179	Same night	0			
<i>Chelonia mydas</i>								
<i>Dermochelys coriacea</i>								
<i>Eretmochelys imbricata</i>								
<i>Lepidochelys kemp</i>								
<i>Lepidochelys olivacea</i>								

TABLE 17.6. TURTLE MARICULTURE OPERATIONS. GEORGIA. YEAR: 1970-1982

This table quantifies activities concerned with turtle culture for either conservation, population enhancement experiments, or commercial use. Activities to be included are "headstarting", re-nesting, incubation and release, etc. Prepare separate table for each year of available data.

Species	Hatchery Operations					Holding Live Turtles		
	Eggs Collect.	Eggs Hatch	No. Release	Age at Release	No. Retain	No. of Juvs.	Adult Females	Adult Males
<i>Caretta caretta</i>	14,000 to 22,000	10,000 to 15,000	10,000 to 15,000	2 hours emerged	<0.01	None	None	None
<i>Chelonia mydas</i>								
<i>Dermochelys coriacea</i>								
<i>Eretmochelys imbricata</i>								
<i>Lepidochelys kemp</i>								
<i>Lepidochelys olivacea</i>								

TABLE 17.6A. DOCUMENTATION FOR TURTLE MARICULTURE OPERATIONS (supplementary page)

It is estimated that 10,000 to 15,000 loggerhead hatchlings are released each season from the combined Georgia hatchery programs on Wassaw, Ossabaw, Blackbeard, Jekyll, and Little Cumberland islands. Hatching success generally ranges from 0.6 to 0.8, with a mean in the vicinity of 0.7. Thus, the approximate number of eggs collected each season ranges from 14,000 to 22,000.

Georgia hatcheries consist of naturally formed, exposed dunes with sufficient relief to prevent fresh-water flooding (torrential rains) and tidal inundations. Hatchery areas are fenced to exclude predators but are not covered in order to permit the full impact of ambient weather conditions during the incubation process.

Clutches of eggs are transferred to the hatchery site and reburied in simulated nest holes within two hours of being laid. Hatchlings usually emerge from the nest cavity between 22:00 and 24:00 hours and are released shortly after midnight. Hatchlings are placed on the beach face and allowed to crawl approximately 10 meters to the water's edge. Upon reaching the water, hatchlings disperse immediately to sea and are never seen the following day. It is assumed that most of the released hatchlings are several miles offshore by sunrise.

TABLE 17.7. TURTLE MARICULTURE OPERATIONS. NORTH CAROLINA. YEAR: 1979 and 1980								
This table quantifies activities concerned with turtle culture for either conservation, population enhancement experiments, or commercial use. Activities to be included are "headstarting", re-nesting, incubation and release, etc. Prepare separate table for each year of available data.								
Species	Hatchery Operations					Holding Live Turtles		
	Eggs Collect.	Eggs Hatch	No. Release	Age at Release	No. Retain	No. of Juvs.	Adult Females	Adult Males
<i>Caretta caretta</i> 1979 1980	 3,414	 1,290 1,777	 1,290 1,659	 3 days 3 days	 	 1981& 1982- 6	 1	 1
<i>Chelonia mydas</i>								
<i>Dermochelys coriacea</i>								
<i>Eretmochelys imbricata</i>								
<i>Lepidochelys kemp</i>								
<i>Lepidochelys olivacea</i>								

TABLE 18.1. PUBLIC AND PRIVATE INSTITUTIONS CONCERNED WITH TURTLE CONSERVATION/MANAGEMENT/UTILIZATION. STATE: ALABAMA		
Institution or Organization Name And Address	No. of Active Members	Activities in Progress
1. University of South Alabama, Mobile		Strandings, nesting
2. Dauphin Island Bird Sanctuary		Nest tags
3. Gulf Coast National Seashore		Nest tags, strandings

TABLE 18.2. PUBLIC AND PRIVATE INSTITUTIONS CONCERNED WITH TURTLE CONSERVATION/MANAGEMENT/UTILIZATION. STATE: CONNECTICUT		
Institution or Organization Name And Address	No. of Active Members	Activities in Progress
David E. Luginbuhl Research Institute for Endangered Species, Inc. P.O. Box 263, Ellington Connecticut 06029 USA	?	<ul style="list-style-type: none"> • Migratory activities of <i>D. coriacea</i> • Cold-water physiology and temperature regulation of <i>Dermochelys coriacea</i> • Conservation and education regarding <i>Dermochelys coriacea</i>

TABLE 18.3. PUBLIC AND PRIVATE INSTITUTIONS CONCERNED WITH TURTLE CONSERVATION/MANAGEMENT/UTILIZATION. STATE: FLORIDA

Institution or Organization Name And Address	No. of Active Members	Activities in Progress
1. Florida Department of Natural Resources and its permit holders		Nesting surveys; tagging; nest relocation; educational display; rehabilitation; headstarting; strandings and salvage; research
2. Canaveral National Seashore Titusville		Nesting surveys; tagging; strandings and salvage
3. Hobe Sound National Wildlife Refuge Hobe Sound		Nesting surveys; tagging; strandings and salvage; relocate nests
4. NOAA Nat'l Marine Fisheries Service Southeast Fisheries Center Miami		Rehabilitation
5. Fort Matanzas National Monument St. Augustine		Nesting survey; tagging; strandings and salvage; relocate nests
6. Everglades National Park Homestead		Strandings and salvage
7. National Key Deer Refuge Big Pine Key		Strandings and salvage
8. Little Talbot Island State Park Jacksonville		Nesting surveys; relocate nests; strandings and salvage
9. Flagler Beach State Recreation Area Flagler Beach		Nesting surveys; relocate nests; strandings and salvage
10. Anastasia State Recreation Area St. Augustine		Nesting surveys; relocate nests; strandings and salvage
11. Washington Oaks State Gardens St. Augustine		Nesting surveys; relocate nests; strandings and salvage
FDNR Division of Recreation and Parks, District IV Administration Ormond Beach		Relocate nests; strandings and salvage
12. Jetty Park Cape Canaveral		Strandings and salvage
13. Ft. Clinch State Park Fernandina Beach		Nesting surveys; relocate nests; strandings and salvage
14. John Pennekamp Coral Reef State Park, Key Largo *		Nesting surveys; relocate nests; strandings and salvage
15. Long Key State Recreation Area Long Key		Nesting surveys; relocate nests; strandings and salvage
16. Bahia Honda State Recreation Area Big Pine Key		Nesting surveys; relocate nests; strandings and salvage
John U. Lloyd Beach State Recreation Area, Dania		Relocate nests; nesting surveys; tagging
17. Sebastian Inlet State Recreation Area Melbourne Beach		Nesting surveys; relocate nests
18. Ft. Pierce Inlet State Recreation Area Ft. Pierce		Nesting surveys; relocate nests
19. Lt. Richard E. Roberts District Naturalist Hobe Sound		Relocate nests
Bill Baggs Cape Florida State Recreation Area, Key Biscayne		Nesting surveys; relocate nests

20. U. S. Army Corps of Engineers Jacksonville		Turtle avoidance and repulsion techniques
21. Cape St. George State Reserve Apalachicola		Nesting surveys; strandings and salvage
22. St. Vincent National Wildlife Refuge Apalachicola		Nesting surveys; tagging
23. Caladesi Island State Park Dunedin		Nesting surveys; relocate nests; strandings and salvage
24. St. George Island State Park Eastpoint		Nesting surveys; relocate nests; strandings and salvage
25. Wiggins Pass State Recreation Area Naples		Nesting surveys; strandings and salvage; relocate nests
26. USFWS Refuge Manager St. Petersburg		Strandings and salvage
27. Florida Institute of Technology ** Jensen Beach		Evaluating headstart techniques
28. University of Central Florida Department of Biological Sciences Orlando		Nesting surveys; tagging; relocate nests; salvage
29. NOVA Cooperative Sea Turtle Monitoring NOVA Southeastern University *** Dania Beach		Nesting surveys; tagging; relocate nests
30. University of Florida Department of Biological Sciences Gainesville		Examination of stomach contents
31. Florida International University Tamiami Campus Miami		Nesting surveys; relocate nests; tagging; blood antigen studies for sex determination
32. University of Miami 4600 Rickenbacker Causeway Miami		Respiratory physiology study
33. Florida Atlantic University Department of Ocean Engineering Boca Raton		Underwater tagging
34. Dade County Public Schools Miami		Educational display
35. Town of Lantana		Relocate nests
36. Beach Maintenance Department of Dade County Miami		Relocate nests; salvage; nesting surveys
37. Key West Municipal Aquarium Key West		Greet turtle headstart; public display; rehabilitation
38. Vero Beach Senior High School Vero Beach		Educational display
39. City of Flagler Beach		Strandings and salvage
40. City of Fernandina Beach Public Works Director Fernandina Beach		Strandings and salvage
41. St. Johns County Road Department St. Augustine		Strandings and salvage
42. City of Boca Raton Chief Environmental Officer Boca Raton		Relocate nests

43.	Florida Power and Light Miami		Strandings and salvage
44.	Marine Science Education Center Mayport		Nest; incubation; educational display
45.	Environmental Studies Center Jensen Beach		Educational display
46.	Marineland, Inc. St. Augustine		Public display; rehabilitation
47.	Applied Biology Jensen Beach		Relocate nests; nesting surveys; rehabilitation
48.	Longboat Key Turtle Watch Longboat Key		Nesting surveys; relocate nests
49.	Wometco Miami Seaquarium Miami		Green turtle headstart; rehabilitation
50.	Scuba Club of the Palm Beaches West Palm Beach		Rehabilitation
51.	Ocean World, Inc. Ft. Lauderdale		Public display; green turtle headstart
52.	Sea World of Florida Orlando		Public display; rehabilitation; green turtle headstart
53.	Panacea Institute of Marine Science Panacea		Rehabilitation; tagging; strandings and salvage
54.	Newfound Harbor Marine Institute Big Pine Key		Educational display
55.	Theater of the Sea, Inc. Islamorada		Educational display; green turtle headstart; rehabilitation; strandings and salvage
56.	Atlantic Loggerhead Turtle Research Jupiter		Nesting surveys; relocate nests; tagging; nearshore tracking
57.	Sailfish Marina Palm Beach Shores		Green turtle headstart
58.	Museum of Arts and Sciences Miami		Public education; rehabilitation; strandings and salvage
59.	Turtle Kreals Museum **** Key West		Public education, display
60.	Tropical Audubon Society, Inc. Miami		Nesting surveys; relocate nests; strandings and salvage
61.	Captain Hook's Marina Marathon		Rehabilitation
62.	The Science Museum West Palm Beach		Artificial incubation; display, education
63.	Ocean Experience Key West		Sonic tagging and tracking
64.	Harbor Branch Foundation Ft. Pierce		Public display, education; strandings and salvage
65.	Caretta Research, Inc. Sanibel Island		Nesting surveys; tagging
66.	Clearwater Marine Science Center Clearwater		Public, educational displays; rehabilitation
67.	The Shell Factory, Fort Myers		Public display; rehabilitation
68.	Mote Marine Lab Sarasota		Public, educational displays; rehabilitation
69.	Sarasota Sea Turtle Association Nokomis		Relocate nests; nesting surveys; tagging

70. Mrs. Eleanor M. Fletcher Juno Beach		Relocate nests; nesting surveys; educational displays
71. Marc Levasseur Jupiter		Relocate nests; nesting surveys
72. Jesse McKin Stuart		PCB accumulation
73. Russel E [--?--] ***** Miami		Oxygen transport in blood
74. Susan [--?--] Palm Beach		Relocate nests
75. Veronica N. Stalcup Hillsboro Beach		Green turtle headstart
76. Craig A. and Marcia [--?--] Deerfield Beach		Nesting surveys; tagging
77. Jeanne Spaulding South Ponte Vedra		Nesting surveys; relocate nests; strandings and salvage
78. Howard Watts Palm Beach		Nesting surveys; relocate nests; strandings and salvage
79. Ms. Carol Bellare [--?--]		Nesting surveys; relocate nests
80. Peter Bandre Melbourne		Rescue and release hatchlings; strandings and salvage
81. Anne Marie Turtle Watch Holmes Beach		Nesting surveys; relocate nests; strandings and salvage
82. [--?--] S. Parks Delrey Beach		Hatchlings rescue and release
83. Robert E. [--?--] Fernandina Beach		Nesting surveys; relocate nests; strandings and salvage
84. Richard Durrbeck Ormond Beach		Nesting surveys; relocate nests; strandings and salvage

Editor's notes (2009):

- * The original National Report had two listings for this facility: "Coral Reef State Park, Key Largo" and "John Pennekamp Coral Reef State Park, Key Largo". Editor combined the "Activities in Processes" into the one listing because these two names refer to the same facility.
- ** The original National Report had two listings for this facility. Editor combined the "Activities in Processes" into the one listing.
- *** The original National Report did not identify the institution with which the monitoring program was associated. Editor provided this additional information.
- **** The original National Report did not include the word "Museum" as part of the name. Editor added the word.
- ***** *Editor's note (2009):* Throughout the ms, the editor has used "[--?--]" to indicate that the corresponding text in the original document is undecipherable.

TABLE 18.4. PUBLIC AND PRIVATE INSTITUTIONS CONCERNED WITH TURTLE CONSERVATION/MANAGEMENT/UTILIZATION. STATE: GEORGIA

Institution or Organization Name And Address	No. of Active Members	Activities in Progress
1. University of Georgia Georgia Sea Turtle Coop. Research Program Dr. James I. Richardson, Director Institute of Ecology, Univ. Georgia Athens, Georgia 30602	2	Data inventory and computer processing; statistical analysis; project design; loggerhead population modeling; carcass network analysis; tag return / reward program; tag / tagging technology and tag number inventory; education. Director for the Little Cumberland and Cumberland tagging program
2. Georgia Dept Natural Resources Marine Resources Division Chuck Cowan Wildlife Officer & Unit Leader Marine Mammals & End. Species 1200 Glynn Avenue Brunswick, Georgia 31520	1	Law enforcement; carcass network management; offshore marine turtle habitat utilization; education
3. Savannah Science Museum Mr. Gerry Williamson Museum Director Mr. Win Seyle, Sea Turtle Program 4405 Paulsen Street Savannah, Georgia 31405	2	Director of the Wassaw Island sea turtle tagging program; public relations
4. U.S. Department of the Interior Fish and Wildlife Service Mr. Glenn Carowan District Project Leader P.O. Box 9467 Savannah, Georgia 31401	1	Responsible for marine turtle research and conservation projects on (U.S.) Fish and Wildlife Service refuge lands in Georgia
5. Coastal Georgia Audubon Society Mrs. Verna McNamara Director of Sea Turtle Activities P.O. Box 1603 Brunswick, Georgia 31520	1	Director of the Jekyll Island sea turtle tagging and conservation program; public relations
6. National Park Service Dr. Jay Gouge Regional Director for Science and Technology Southeast Region Headquarters 75 Spring Street, S.W. Atlanta, Georgia 30303	2	Responsible for marine turtle research and conservation projects on National Park Service refuge lands in Georgia
7. U.S. Department of the Interior Fish and Wildlife Service Blackbeard Isl Natl Wildlife Refuge Mr. Donny Wolfe, Refuge Manager P.O. Box 8487 Savannah, Georgia 31401	1	Director of the Blackbeard Island Sea Turtle Research and Conservation Program.
8. Environmental and Chemical Sciences, Inc. Atlanta, Georgia	1	Electrical repulsion techniques

TABLE 18.5. PUBLIC AND PRIVATE INSTITUTIONS CONCERNED WITH TURTLE CONSERVATION/MANAGEMENT/UTILIZATION. STATE: LOUISIANA		
Institution or Organization Name And Address	No. of Active Members	Activities in Progress
U.S. Fish and Wildlife Service Tulane University Belle Chasse, Louisiana		Nesting survey; oil fouling studies

TABLE 18.6. PUBLIC AND PRIVATE INSTITUTIONS CONCERNED WITH TURTLE CONSERVATION/MANAGEMENT/UTILIZATION. STATE: MISSISSIPPI		
Institution or Organization Name And Address	No. of Active Members	Activities in Progress
National Marine Fisheries Service Mississippi Lab Pascagoula Mississippi	4	Trawl surveys; radio tracking
Gulf Coast National Seashore	1	Nesting; strandings

TABLE 18.7. PUBLIC AND PRIVATE INSTITUTIONS CONCERNED WITH TURTLE CONSERVATION/MANAGEMENT/UTILIZATION. STATE: NEW JERSEY		
Institution or Organization Name And Address	No. of Active Members	Activities in Progress
Marine Mammal Stranding Center Historic Gardner's Basin Atlantic City New Jersey		

TABLE 18.8. PUBLIC AND PRIVATE INSTITUTIONS CONCERNED WITH TURTLE CONSERVATION/MANAGEMENT/UTILIZATION. STATE: NORTH CAROLINA		
Institution or Organization Name And Address	No. of Active Members	Activities in Progress
1. Pea Island National Wildlife Refuge	2	Note strandings; move nests for hatching on beach
North Carolina Marine Resources Center at Manteo	1	Note strandings; give lectures; exhibit live turtles
2. Cape Hatteras National Seashore Park	3-5	Note strandings; give lectures; exhibit aspects of turtles via slides, artifacts, etc.
3. Cape Lookout National Seashore Park	6-9	Note strandings, nesting, hatchlings; inform public via lectures, exhibits on Cape Lookout; patrol beaches each night; tag turtles
4. N.C. Fisheries Resource Center Pine Knoll Shores	3	Note strandings; exhibit live sea turtles; prepare information; extension
5. Institute of Marine Sciences, University of North Carolina	1	Coordinate strandings; note nests, hatchlings; lecture on turtles; assist NC Marine fisheries with strandings, enforcement and federal marshals, tag turtles (rear and head) for age, growth, etc. studies

6.	Hammocks Beach State Park	2	Lecture to public; patrol beaches on availability of [--?--]; give lectures; protect nests
7.	Camp LeJeune Military Base, Base Maintenance	5	Patrol beaches; note strandings; protect nests; tag turtles; protect hatchlings
8.	North Carolina Marine Resources Center Ft. Fisher	1	Lectures; tag turtles on release with IMS; exhibit turtles
9.	University of North Carolina, Wilmington	1	Research into ORV effects on turtles
10.	Bald Head Island Cooperative	1	Monitor nesting (1982 only)
11.	North Carolina Marine Fisheries	3	Fly coast for observations; enforce law; handle strandings with IMS
12.	North Carolina Wildlife Resources Commission	2	Fly coastline 1979; (small segments 1981, 1982); some ground truth

TABLE 18.9. PUBLIC AND PRIVATE INSTITUTIONS CONCERNED WITH TURTLE CONSERVATION/MANAGEMENT/UTILIZATION. STATE: RHODE ISLAND

Institution or Organization Name And Address	No. of Active Members	Activities in Progress
Turtle Watch Group Department of Zoology University of Rhode Island Kingston Rhode Island 02881	3	Sea turtle pelagic surveys; sea turtle behavioral studies; sea turtle population studies

TABLE 18.10. PUBLIC AND PRIVATE INSTITUTIONS CONCERNED WITH TURTLE CONSERVATION/MANAGEMENT/UTILIZATION. STATE: SOUTH CAROLINA

Institution or Organization Name And Address	No. of Active Members	Activities in Progress
1. Belle W. Baruch Institute for Marine & Coastal Research University of South Carolina Georgetown 29442 and Beaufort 29902, South Carolina		Classroom: University of South Carolina Marine Biology; lecture; workshops; audio-visual presentations; nest protection; tissue sampling; rehabilitation
2. Cape Romain National Wildlife Refuge Route 1, Box 191 Awendaw, South Carolina 29429		Nest, crawl surveys; strandings; enforcement; relocation (nest transplant operation to Chincoteague and Pea Island Hatchery 1973-1978); predator removal
3. The Center for Lowcountry Environments P.O. Box 1001 Charleston, South Carolina 29402		Nest, crawl surveys; strandings; wire mesh; problem identification; rulemaking; lectures, workshops
4. South Carolina Sea Grant Consortium 221 Ft. Johnson Road Charleston, South Carolina 29412		Lecture, workshops; material development; audio-visual presentations; fishery conflicts
5. South Carolina Wildlife and Marine Resources Department P.O. Box 12559 Charleston, South Carolina 29412		Predator removal; predator aversion; relocation; Sea Turtle Recovery team aerial surveys (pelagic); tracking (sonic and radio); aerial surveys (beach); nest, crawl surveys; strandings; tagging (carapace prototype);

		research assistance (intranesting movements of female loggerheads to determine extent of carcass strandings); material development; audio-visual presentations; enforcement; permits; incidental capture; rulemaking
6. Kiawah Island Community Association P.O. Box 12910 Charleston, South Carolina 29412		Nesting surveys; hatchery; strandings; audio-visual presentations
7. South Carolina Wildlife and Marine Resources Charleston, South Carolina	1	Tagging

TABLE 18.11. PUBLIC AND PRIVATE INSTITUTIONS CONCERNED WITH TURTLE CONSERVATION / MANAGEMENT / UTILIZATION. STATE: TEXAS

Institution or Organization Name And Address	No. of Active Members	Activities in Progress
1. Padre Island National Seashore * Texas	1	Patrolling; headstarting; strandings; meetings
2. Texas Parks and Wildlife Texas		Patrolling parks; law enforcement
3. Aransas National Wildlife Refuge Texas		Patrolling Metagorda and recording strandings
4. Ila Loetscher's Group		Promoting turtle conservation by public relations programming and patrolling
5. Southeast Fisheries Center Galveston Laboratory Galveston, Texas	6	Evaluation of headstart techniques
6. Texas A & M University College Station Texas	1	Olfactory Imprinting
7. Brownsville Zoo Brownsville Texas	2	Nesting; sightings; exhibits
* <i>Editor's note (2009):</i> This site was entered twice in the original National Report. The second entry listed "meetings" for the "Activities in Progress". Editor combined the activities information for this institution/organization.		

TABLE 18.12. PUBLIC AND PRIVATE INSTITUTIONS CONCERNED WITH TURTLE CONSERVATION/MANAGEMENT/UTILIZATION. STATE: VIRGINIA

Institution or Organization Name And Address	No. of Active Members	Activities in Progress
1. Virginia Inst. Marine Sciences Gloucester Point, Virginia 23062	2	Marine turtle strandings; network; mortality; information and radio tracking
2. Back Bay National Wildlife Refuge Pembroke Office Park Suite 218, Pembroke # 2 Building Virginia Beach, Virginia 23462		Marine turtle strandings, sighting, and nesting information

3. Chincoteague National Wildlife Refuge P.O. Box 62 Chincoteague Virginia 23336		Marine turtle strandings, sighting, and nesting information
4. The Nature Conservancy Coastal Reserve		Marine turtle strandings, sighting, and nesting information

TABLE 18A *. PUBLIC AND PRIVATE INSTITUTIONS CONCERNED WITH TURTLE CONSERVATION/MANAGEMENT/UTILIZATION.

Number of people and agencies involved with sea turtles by state and type of activity.

State	Activities **														
	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15
AL***	3	2	0	2	2	0	0	0	0	2	0	0	0	0	0
CT	7	1													
FL	300	93	0	41	38	39	0	14	18	19	0	2	0	4	1
GA	10	7	2	2	2	1	0	3	2	2	0	1	0	1	1
LA	2	1	0	0	0	0	0	0	0	1	0	0	0	0	0
MS	2	2	0	1	0	0	0	0	0	1	0	0	0	0	0
NC	33	13	2	6	7	1	2	7	6	7	0	0	3	1	0
NJ	0	0													
RI	5	1													
SC	22	7	1	4	4	1	1	1	1	4	2	1	1	1	0
TX	14	4	2	3	2	1	1	1	1	3	1	1	2	1	1
VA	5	4		2	4	1	1	1				1			
Total	403	135 ****	7	61	59	44	5	27	28	39	3	6	6	8	3

Editor's notes (2009):

* This Table (18A) was labeled as "Table 18" in the original National Report. Editor renamed it to distinguish it from the tables of the individual state listings such as Table 18.1, 18.2

** See below for description of activities "A1-A15".

*** In the original National Report the list of states was not in alphabetical order. The Editor established the current order.

**** The total sum for A2 (number of agencies involved) is 135, not the 137 as reported in the original National Report.

Activities Definition			
A1	Number of people involved	A9	Release eggs
A2	Number of agencies involved	A10	Educational
A3	Protect nest	A11	Predator control
A4	Nest survey	A12	Sonic tagging
A5	Stranding	A13	Hatchery
A6	Salvage	A14	Autopsy
A7	Aerial survey	A15	Data analysis
A8	Tagging		

TABLE 19.1. SANCTUARIES AND REFUGES. STATE: GEORGIA			
Name and Location	Area Km ²	Reason(s) for Protection	Type and effectiveness of Enforcement
All Georgia coastal islands	111 km linear distance	All sea turtles, their nests, eggs, and hatchlings are protected under Georgia's Non-game Program and the U.S. Endangered Species Act of 1972	Most beaches are protected by all night patrols. Poaching is present but not serious.
All Georgia estuarine and nearshore waters	735	U.S. Endangered Species Act of 1972	Incidental catch and mortality is uncontrolled and unenforceable.
Gray's Reef National Marine Sanctuary	44	Habitat protection	Patrolled by Georgia Department of Natural Resources personnel. Enforcement good.

TABLE 19.2. SANCTUARIES AND REFUGES. STATE: NEW JERSEY			
Name and Location	Area Km ²	Reason(s) for Protection	Type and effectiveness of Enforcement
Barnegat National Wildlife Refuge Barnegat ¹	42.3 km ² ² 28, 002 acres ³ 113 km ² ⁴	Endangered Species Act	Park rangers
Holgate National Wildlife Refuge Holgate ¹	28.3 km ² ⁵ 450 acres ⁶ 1.82 km ² ⁷	Endangered Species Act	Park rangers
Brigantine National Wildlife Refuge Brigantine ¹	80.9 km ² ⁸ 20,000 acres ⁹ 89.9 km ² ¹⁰	Endangered Species Act	Park rangers
Island Beach State Park Seaside Park	13.6 km ² ¹¹ 3,000 acres ¹² 12.1 km ² ¹³	Endangered Species Act	Park rangers
Sandy Hook National Park Sandy Hook	21.3 km ² ¹⁴ 2,044 acres ¹⁵ 8.3 km ² ¹⁶	Endangered Species Act	Park rangers
<p>1 - <i>Editor's note (2009)</i>: Each of these three locations and the attendant information were cited twice in original National Report. They are listed only once in this report.</p> <p>2 - <i>Editor's note (2009)</i>: Geographic extent of area, in Km², cited in original National Report.</p> <p>3 - <i>Editor's note (2009)</i>: Geographic extent of area, in acres, cited in other site description (May 2008). http://www.njaudubon.org/Tools2.Net/IBBA/SiteDetails.aspx?sk=3154.</p> <p>4 - Square kilometer equivalent based on area reported in area description (note # 3 above).</p> <p>5 - <i>Editor's note (2009)</i>: Geographic extent of area, in Km², cited in original National Report.</p> <p>6 - <i>Editor's note (2009)</i>: Geographic extent of area, in acres, cited in other site description (May 2008). http://www.njaudubon.org/Tools2.Net/IBBA/SiteDetails.aspx?sk=3161.</p> <p>7 - Square kilometer equivalent based on area reported in area description (note # 6 above).</p> <p>8 - <i>Editor's note (2009)</i>: Geographic extent of area, in Km², cited in original National Report.</p> <p>9 - <i>Editor's note (2009)</i>: Geographic extent of area, in acres, cited in other site description (May 2008). http://www.njaudubon.org/Tools2.Net/IBBA/SiteDetails.aspx?sk=3155.</p>			

10 - Square kilometer equivalent based on area reported in area description (note # 9 above).
11 - <i>Editor's note (2009)</i> : Geographic extent of area, in Km ² , cited in original National Report.
12 - <i>Editor's note (2009)</i> : Geographic extent of area, in acres, cited in other site description (May 2008). http://www.stateparks.com/island_beach.html .
13 - Square kilometer equivalent based on area reported in area description (note # 12 above).
14 - <i>Editor's note (2009)</i> : Geographic extent of area, in Km ² , cited in original National Report.
15 - <i>Editor's note (2009)</i> : Geographic extent of area, in acres, cited in other site description (May 2008). http://sandyhookfoundationnj.org/ .
16 - Square kilometer equivalent based on area reported in area description (note # 15 above).

TABLE 19.3. SANCTUARIES AND REFUGES. STATE: NORTH CAROLINA

Name and Location	Area Km ²	Reason(s) for Protection	Type and effectiveness of Enforcement
North Carolina Sea Turtle Sanctuary off Hammocks Beach and Onslow Beach from Bogue Inlet to New River Inlet		Protect one of the best nesting sites in North Carolina from over-shrimping effects	North Carolina Marine Fisheries enforcement, decreed each year by law (Statute .0113, .0114) 1 June 1 September. Also enforced by military out of Camp Lejeune and the Coast Guard.
North Carolina Marine Fisheries			Emergency decree sanctuaries (Statute 15NCAC 38.0111)

TABLE 19.4. SANCTUARIES AND REFUGES. STATE: SOUTH CAROLINA

Name and Location	Area Km ²	Reason(s) for Protection	Type and effectiveness of Enforcement
Cape Romain National Wildlife Refuge	59,000 acres ¹ 66,267 acres ² 268 km ² ³	All wildlife species	Fish and Wildlife service agents and Refuge personnel adequate.
Tom Yawkey Wildlife Center	90,940 acres ⁴ 21,000 acres ⁵ 85 km ² ⁶	All wildlife species	South Carolina and Marine Resources Department officers. Not adequate.
Santee Coastal Reserve	121,418 acres ⁷ 24,000 acres ⁸ 97 km ²	All wildlife species	Same as above
<i>Editor's notes (2009):</i> 1 - Area cited in acres in original National Report. 2 - Area cited by U.S. Fish and Wildlife Service in other site description, in acres (May 2008); http://www.fws.gov/caperomain/ . 3 - Square kilometer equivalent based on the area reported by the U.S. Fish and Wildlife Service, 2008. 4 - Geographic extent of area, in acres, cited in original National Report. 5 - Geographic extent of area, cited in other site description, in acres (May 008). http://www.dnr.sc.gov/managed/heritage/tomyawkey/description.html . 6 - Square kilometer equivalent based on area reported in area description (note # 5 above). 7 - Geographic extent of area, in acres, cited in original National Report 8 - Geographic extent of area, cited in other site description, in acres (May 008). http://www.discoverouthcarolina.com/products/81.aspx . 9 - Square kilometer equivalent based on area reported in area description (note # 8 above).			

TABLE 19A. NUMBER OF STATE PARKS AND NATIONAL WILDLIFE REFUGES AND OFFICIAL SEA TURTLE SANCTUARIES IN STATES VIRGINIA TO TEXAS (supplementary page)

(Only two sanctuaries are regularly patrolled by enforcement personnel)

Name *	State Parks	Federal & Wildlife Refuge	Official Sea Turtle Refuge	Regular Enforcement
Alabama	2	0	0	0
Florida	19	9	0	0
Georgia	6	4	1	0
Louisiana	2	5	0	0
Mississippi	1	0	0	0
North Carolina	4	3	1-2 **, ***, ****	2
South Carolina	4	1	0	0
Texas	3	6	0	0
Virginia	0	3	0	0
Total	41	31	3 *****	2

* *Editor's note (2009):* States with official sea turtle sanctuaries were listed in sequential spatial order, starting with Virginia and ending with Texas, in the original National Report. Editor reconfigured the list into alphabetical order in this Table 19A to maintain consistency within this report and among all national reports.

** Only official sea turtle sanctuary in the United States is located off Brown, Bear, and Onslow Beaches, North Carolina under Reg. G.S. 113-132, 113-134, 113-138, 113-181, 113-182, 113-224, 1433-286 and Marine Fisheries .0114.

*** Emergency sea turtle sanctuaries can be decreed by North Carolina Marine Fisheries under statute 113-134, 113-181, and Marine Fisheries Regulation 15NCAC 38 .0111 such as off Bald Head Island.

**** *Editor's note (2009):* This footnote was listed under Georgia in the original National Report. However, since it refers to statutes and regulations of the state of North Carolina, the editor has entered it as component of the North Carolina sanctuary facilities.

***** Includes Grays Reef National Marine Sanctuary offshore of Georgia.

TABLE 20. REGULATORY AUTHORITY

Indicate all entities with statutory responsibilities (e.g., Fisheries Departments and Ministries, Police, Coast Guard, etc.)

Name and Address of Organization	Budget Allocation to Turtles	No. of Staff Assigned to Turtles	Comments on Levels of Enforcement
NOAA National Marine Fisheries Service U.S. Department of Commerce Washington, D.C. 20233	Variable	Multiple	Enforcement level high. See supplementary table attached.
Fish and Wildlife Service U.S. Department of Interior Washington, D.C. 20248	Variable	Multiple	Enforcement level high. See supplementary table attached.
The federal agencies involved are: Coast Guard; Navy; National Parks Service; Customs			
Many state agencies, Texas through Massachusetts, are involved as well as county and city agencies.			

TABLE 20A. REGULATORY AUTHORITY							
Supplementary Table of Enforcement Activities, 1977-1983.							
The following information pertains to enforcement activities (violations cited, prosecutions). The majority of cases cited concern sea turtle violations; however, a few pertain to whale violations.							
Item	Year*						
	1977	1978	1979	1980	1981	1982	1983 (to May)
No. of citations	481	385	109	124	169	103	28
Separate cases	474	283	101	109	112	79	19
Civil	479	206	85	113	110	88	14
Criminal	2	59	24	11	59	14	14
No. of prosecutions	358	213	42	45	99	40	3 (balance pending)
* Decline in citations and prosecutions may reflect a decrease in endangered species enforcement activities in the United States due to increased fishery management regulation requirements.							

TABLE 20B. REGULATORY AUTHORITY (supplementary page)

Please list National, regional, and local legislation concerning turtle management and conservation. List title, date, and stated purpose.

All sea turtles in the United States waters are protected by Federal Law from take or harassment. Importation of sea turtles or their products into the U.S. is prohibited. The Federal regulatory legislation is:

1. Convention of International Trade in endangered Species of Wild Fauna and Flora (CITES)
 - a) Adopted March 3, 1973 in Washington, D.C.
 - b) Ratified January 7, 1975 in Washington, D.C. (all sea turtles listed on Appendix 1)
2. Endangered Species Conservation Act of 1969 (Public Law PL 91-135; 83, Stat. 275)
3. Endangered Species Act of 1973 (PL 93-205; 87, Stat. 884, effective 26 December 1973)

a)	Amendments	Effective Date
	PL 94-325	30 June, 1976
	PL 94-359	12 July, 1976
	PL 95-212	19 December, 1977
	PL 95-632	10 November, 1978
	PL 96-159	28 December, 1979
	PL 97-305	13 October, 1982

Listed as Endangered Species:

Lepidochelys kempi
Eretmochelys imbricata
Dermochelys coriacea
Chelonia mydas (Florida and Pacific Mexico)
Lepidochelys olivacea (Pacific Mexico)

Listed as Threatened Species

Chelonia mydas (elsewhere than above)
Lepidochelys olivacea (elsewhere than above)
Caretta caretta

National Marine Fisheries Service has jurisdiction for sea turtles in the water. Fish and Wildlife Service has jurisdiction for sea turtles on land.

TABLE 21. NATIONAL RESEARCH PROJECTS*			
List turtle research activities funded within your country.			
Project Title	Date		Name and Address of Institution & Chief Investigator
	Start	End	
<u>Regional Coordination:</u> 1. Kemp's Ridley Headstart 2. Strandings 3. Tagging 4. Nest / crawl surveys; population analysis 5. Fishery conflicts 6. Tracking (satellite/radio) 7. Biochemical identification (sea turtle meats and oils) <u>Aerial surveys:</u> 1. Quantify turtle populations for Western Atlantic Turtle Symposium	1978	Continuing	Fred Berry Marine Mammal and Endangered Species Program Manager Southeast Fisheries Center 75 Virginia Beach Drive Miami, Florida 33149 USA (305) 361-4276 <u>with research conducted at the following labs:</u> Beaufort, North Carolina (Don Hoss); Charleston, South Carolina (Sylvia Braddon); Panama City, Florida (Larry Ogra); Bay St. Louis, Mississippi (Wil Siedel); Galveston, Texas (Ray Wheeler).
<u>Research:</u> 1. Policy 2. Beach monitoring 3. Nest protection <u>Education:</u> 1. Material development 2. Curriculum 3. Audi-visual presentations	1981	Continuing	Michael Weber STRF Coordinator Sea Turtle Rescue Fund Center for Environmental Education 624 9 th St., N.W. Washington, D.C. 20001 (202) 737-3600
<u>Research:</u> 1. Channel dredging 2. Beach renourishment	1980	Continuing	Jonathan D. Moulding Ecologist U.S. Army Engineer District, Jacksonville Environmental Resources Branch P.O. Box 4970 Jacksonville, Florida 32232 (904) 946-2286
<u>Research:</u> 1. Protection of turtles found in water management project areas	---	---	William F. Adams Biologist U.S. Army Engineer District, Wilmington P.O. Box 1890 Wilmington North Carolina 28402 (919) 343-4748
<u>Research:</u> 1. Kemp's ridley cooperative program (US/Mexico) 2. Nest relocation	1977	Continuing	Jack Woody, David Bowman U.S. Fish and Wildlife Service Region 2 P.O. Box 1306 Albuquerque New Mexico 87103 USA (505) 766-2323

<u>Research:</u> 1. Regional coordination (wildlife refuges from VA to LA) 2. Beach monitoring 3. Nest protection 4. Sea turtle recovery team	1957	Continuing	Otto Florshutz East Coast Biologist U.S. Fish and Wildlife Service P.O. Box 581 Washington North Carolina 27889 (919) 941-1483
<u>Research:</u> 1. Beach monitoring 2. Nest protection <u>Monitored areas include:</u> Wassaw Island NWR; Blackbeard Island NWR; Savannah NWR; Tybee Island NWR; Harris Neck NWR; Wolf Island NWR; Pinckney Island NWR.	1974	Continuing	John Davis, John Hoffman, Downie Wolf U.S. Fish and Wildlife Service South Carolina/Georgia Coastal Complex for Wassaw Island National Wildlife Refuge and Blackbeard Island National Wildlife Refuge P.O. Box 8487 Savannah, Georgia 31412 (912) 944-4415
CONNECTICUT			
1. Chondro-osseous morphology of <i>Dermochelys coriacea</i>	1979	---	Anders G. J. Rhodin Yale University New Haven Connecticut and Harvard University Cambridge Massachusetts
1. Satellite tracking of <i>Dermochelys coriacea</i>	1980	---	Chris Luginbuhl Ellington, Connecticut
1. Comparative marine turtle osteology and pathology	1980	---	Anders G. J. Rhodin Yale University New Haven Connecticut and Harvard University Cambridge Massachusetts
FLORIDA			
<u>Research:</u> 1. Beach monitoring (Juniper Beach, Florida)	1969	Continuing	Frank Lund Atlantic Loggerhead Turtle Research P.O. Box 541 Jupiter, Florida 33458 (305) 546-7934
<u>Research:</u> 1. Regional coordinator 2. Beach monitoring 3. Nest protection	1961	Continuing	Robert Autrey Regional Coordinator 1912 Sunrise Dr. Fernandina Beach Florida 32034 (904) 261-7609
<u>Research:</u> 1. Beach monitoring 2. Nest protection	1977	Continuing	Richard E. Wolf Chief Environmental Officer City of Boca Raton

<u>Education:</u> 1. Beach walk			Environmental Division 201 West Palmetto Park Road Boca Raton Florida 33432 (305) 393-7960
<u>Research:</u> 1. Beach monitoring 2. Nest protection <u>Education:</u> 1. Beach walks 2. Audio-visual shows 3. Exhibits	1978	Contin- uing	Donald Cuiton Superintendent Canaveral National Seashore Box 2583 Titusville Florida 32780 (305) 867-4675
<u>Research:</u> 1. Beach monitoring 2. Nest protection 3. Wildlife preservation. 4. Habitat preservation <u>Education:</u> 1. Lecture/workshop 2. Audio-visual presentations <u>Regulation:</u> 1. Enforcement	1980	Contin- uing	Capt.Carl.R. Nielsen Cape Florida State Recreation Area 1200 South Crandon Blvd. Key Biscayne Florida 33149 (305) 361-5811
<u>Research:</u> 1. Beach monitoring 2. Nest protection <u>Education:</u> 1. Lecture/workshop	1968	Contin- uing	Chareles LeBuff Director Caretta Research, Inc. P.O. Drawer E Sanibel Florida 33957 (813) 472-1041
<u>Research:</u> 1. Rehabilitation <u>Education:</u> 1. Public display 2. Classroom	----	---	Dennis Kellenberg Executive director Clearwater Marine Science Center 249 Windward Passage Clearwater Florida 33515 (813) 447-0980
<u>Research:</u> 1. Beach monitoring 2. Strandings <u>Education:</u> 1. Beach walks 2. Lecture/workshop	1979	---	Jim Cleary Manager Delnor-Wiggins Pass State Recreation Area Clearwater Florida 33940 (813) 597-6196

<u>Research:</u> 1. Beach monitoring 2. Tagging 3. Aerial surveys	1975	---	Rick Dawson Everglades National Park Resource Management and Visitor Protection Division and South Florida Research Center P.O. Box 279 Homestead Florida 33030 (305) 245-5266
<u>Research:</u> 1. Beach monitoring 2. Sea turtle recovery team 3. Worldwide consultation <u>Education:</u> 1. Material development 2. Lecture/workshop			Peter L.H. Pritchard, Vice President Florida Audubon Society 1101 Audubon Way Maitland Florida 32751 (305) 647-2615
<u>Research:</u> 1. Regional coordination a. Nest/crawl surveys b. Strandings <u>Regulation:</u> 1. Issue state and federal permits 2. Rulemaking 3. Problem identification	1972	---	J. Alan Huff Florida Department of Natural Resources Bureau of Marine Science and Technology 100 8 th Avenue, S.E. St. Petersburg Florida 33701 (813) 896-8626
<u>Research:</u> 1. Regional coordination a. Headstarting b. Beach monitoring c. Organize groups and compile data	1962	Contin- uing	Ross Witham Green Turtle Headstart Program Florida Department of Natural Resources Stuart Field Station P.O. Box 941 Jensen Beach Florida 33457 (335) 334-1667
<u>Research:</u> 1. Beach monitoring 2. Nest protection 3. Laboratory <u>Education:</u> 1. Classroom	1981	Contin- uing	George Dalrymple Florida International University Department of Biological Science Miami Florida 33199
<u>Research</u> 1. Habitat protection (through land acquisition)			Jim McKinley Florida Nature Conservancy Suite 205 1331 Palmetto Avenue Winter Park Florida 32789 (305) 628-5887

<u>Research:</u> 1. Beach monitoring a. Tagging b. Nest/crawl surveys c. Strandings 2. Nest protection a. Relocation b. Predator removal 3. Rehabilitation 4. Sea turtle recovery team 5. Habitat preservation 6. Laboratory	1972	Contin- uing	Ross Wilcox Chief Ecologist Florida Power and Light Company Environmental Affairs Department P.O. Box 529100 Miami, Florida 33152 (305) 552-3561 <i>and</i> Ed Meyer, Applied Biology, Inc. P. O. Box 974 Jensen Beach Florida 33457 (305) 334-3729
<u>Education:</u> 1. Lecture/workshops	1972	Contin- uing	James C. Cato Director Florida Sea Grant College Building 803 University of Florida Gainesville Florida 32611 (904) 471-0116
<u>Research:</u> 1. Beach monitoring a. Nest/crawl surveys b. Strandings 2. Nest Protection	1978	---	Karl Smith Senior Park Technician Ft. Matanzas National Monument Route 1, Box 105 St. Augustine Florida 32084 (904) 471-0116
<u>Research:</u> 1. Beach monitoring a. Nest/crawl surveys b. Strandings	1980	---	Mike Megy Chairman Ft. Pierce Inlet State Recreation Area 2200 Atlantic Beach Blvd. Ft. Pierce Florida 33450 (305) 754-6141
<u>Research:</u> 1. Beach monitoring a. Nest/crawl surveys b. Strandings 2. Nest Protection	1973	---	Mike Murphy Manager Hobe Sound National Wildlife Refuge P.O. Box 645 Hobe Sound Florida 33455 (305) 546-6141
<u>Research:</u> 1. Headstarting	1956	Contin- uing	Ross Witham Director House of Refuge Historical Society of Martin County 825 N.E. Ocean Blvd. Stuart Florida 33494 (305) 225-1961

<u>Research:</u> 1. Regional coordination 2. Beach monitoring a. Nest/crawl surveys b. Strandings 3. Nest protection a. Relocation <u>Education:</u> 1. Lecture/workshops 2. Museum activities	1980	---	Christine Schleh Museum Naturalist Jacksonville Museum of Arts and Sciences 1025 Gulf Life Drive Jacksonville Florida 32207 (904) 396-7062
<u>Research:</u> 1. Beach monitoring a. Tagging b. Nest/crawl surveys c. Strandings 2. Nest protection a. Hatchery	1979	---	Capt. Torrey M. Johnson Superintendent John U. Lloyd Beach State Recreation Area 6503 North Ocean Drive Dennis, Florida 33004 (305) 923-2833
<u>Research:</u> 1. Rehabilitation <u>Education:</u> 1. Public display	---	---	Glenn Wallace Director Key West Municipal Aquarium P.O. Box 1237 Key West Florida 33040 (305) 296-2051
<u>Research:</u> 1. Beach monitoring a. Nest/crawl surveys b. Strandings 2. Nest protection <u>Education:</u> 1. Lecture / workshops	1981	---	Susan Korsenewski 217 List Road Palm Beach Florida 33480
<u>Research:</u> 1. Beach monitoring a. Nest/crawl surveys b. Strandings 2. Nest protection <u>Education:</u> 1. Lecture/workshops	---	---	Little Talbot Island State Park P.O. Box 246 Ft. George Florida 32226 (904) 251-3231
<u>Research:</u> 1. Beach monitoring a. Nest/crawl surveys b. Strandings 2. Nest protection <u>Education:</u> 1. Lecture/workshops	1977	---	Catherine Kitfernald c/o McCrane P.O. Box 336 Longboat Key Florida 33548 (813) 548-0336

<u>Research:</u> 1. Beach monitoring a. Strandings 2. Headstarting a. Adopted hatchlings 3. Rehabilitation	1939	---	Robert L. Jenkins Curator Marineland Research Laboratory Box 122 Route 1 St. Augustine Florida 32064 (904) 471-1111
<u>Research:</u> 1. Headstart Rehabilitation <u>Education:</u> 1. Classrooms	1973	---	Frank Pitman Martin County Schools' Environmental Studies Center 2900 N.E. Indian River Drive Jensen Beach Florida 33457 (305) 334-1262
Research: 1. Beach monitoring a. Nest/crawl surveys b. Strandings 2. Nest protection a. Wire mesh b. Hatchery c. Predator control	1979	---	Robert C. Lee Assistant Refuge Manager Merritt Island National Wildlife Refuge P.O. Box 6504 Titusville Florida 32780 (305) 867-4820
<u>Research:</u> 1. Beach monitoring a. Strandings 2. Nest protection (relocation)	1980	Contin- uing	Jim Hoover Landscape Supervisor Metro Dade Beach Operations 7929 Atlantic Way Miami Beach Florida 22141 (305) 868-7075
<u>Research:</u> 1. Headstarting (Greens and Kemp's ridley) 2. Nest protection a. Hatchery 3. Rehabilitation <u>Education:</u> 1. Public displays 2. Classrooms	---	---	Martha Burhmaster Education Miami Seaquarium 4400 Rickenbacker Causeway Virginia Key Florida 33149 (305) 361-5705
	1957	---	William H. Taft Director Mote Marine Laboratory 1600 City Island Park Sarasota Florida 33577 (813)388-4441

<u>Research:</u> 1. Beach monitoring a. Nest/crawl surveys b. Strandings	1981	---	Steven Klett Refuge Biologist National Key Deer Refuge Box 510, Big Pine Key Florida 33043 (305) 872-2239
<u>Education:</u> 1. Classroom	1971	---	Jim Thomas Science Director Newfound Harbor Marine Institute Box 170, Route 3 Big Pine Key Florida 33043 (305) 872-2331
<u>Research:</u> 1. Distribution (underwater observations) <u>Education:</u> 1. Classroom 2. Lecture/workshops	1973	---	Norine Rouse Director Norine Rouse Scuba Club of the Palm Beaches 4708 North Dixie West Palm Beach Florida 33407 (305) 844-2466
<u>Research:</u> 1. Beach monitoring a. Tagging b. Nest/crawl surveys c. Strandings 2. Laboratory a. Tissue sampling	---	---	John Fletemeyer NOVA University 8000 North Ocean Drive Dania Florida 33004 (305) 475-7487
<u>Research:</u> 1. Headstart (Green) 2. Rehabilitation <u>Education:</u> 1. Public display	1979	---	Craig Smith Director Ocean World 1701 S.E. 17 th St. Ft. Lauderdale Florida 33316 (305) 525-6612
<u>Research:</u> 1. Laboratory	---	---	Peter Lutz Graduate Professor Rosenstiel School of Marine and Atmospheric Science University of Miami 4600 Rickenbacker Causeway Miami Florida 33149 (305) 350-7325
<u>Research:</u> 1. Beach monitoring a. Nest/crawl surveys b. Strandings 2. Nest protection (relocation)	---	---	Maurice Woolverton Sarasota Sea Turtle Association 811 Casey Key Road Nokomis Florida 34274

<u>Research:</u> 1. Headstart (Green) 2. Education a. Public display b. Lecture/workshops	---	---	Bill Clifton Education Director at Sea World 7007 Sea World Drive Orlando, Florida 32809 (305) 351-3600
<u>Research:</u> 1. Headstarting (Greens and Loggerheads) 2. Rehabilitation <u>Education:</u> 1. Public display	1978	---	Dave Orndorff Superintendent of Marine Mammals and Turtles at Sea World's Shark Institute Layton, Long Key Florida (305) 664-9101
<u>Research:</u> 1. Beach monitoring a. Nest/crawl surveys b. Strandings 2. Nest protection a. Relocation b. Predator removal <u>Education:</u> 1. Beach walks	1980	---	Lt. Beasley Sebastian Inlet State Recreation Area P.O. Box 728 Wabasso Florida 32970 (305) 589-3754
<u>Research:</u> 1. Beach monitoring a. Nest/crawl surveys b. Strandings 2. Nest protection a. Relocation b. Rule-making <u>Education:</u> 1. Public display 2. Lecture / workshops 3. Museum activities 4. Material development <u>Regulation:</u> 1. Problem identification	1971	---	Eleanor Fletcher The Science Museum and Planetarium of Palm Beach County 4901 Dreher Trail North West Palm Beach Florida 33405 (305) 832-1988
<u>Research:</u> 1. Beach monitoring a. Tagging b. Nest/crawl surveys c. Strandings 2. Nest protection a. Relocation b. Wire mesh c. Predator control <u>Regulation:</u> 1. Enforcement	1972	---	Martin Penny Refuge Manager St. Vincent National Wildlife Refuge P.O. Box 447 Apalachicola Florida 32320 (904) 653-8808

<u>Research:</u> 1. Beach monitoring a. Nest/crawl surveys b. Strandings	1980	---	Bill Black Tampa Bay National Wildlife Refuge Suite 114 9721 Executive Center Drive St. Petersburg Florida 33702 (813) 893-3651
<u>Research:</u> 1. Headstarting (Greens) 2. Rehabilitation 3. Strandings <u>Education:</u> 1. Public display 2. Lecture/workshops 3. Classroom	1947	---	Rod Hann Director Information and Special Projects Theater of the Sea Box 407 Islamorada Florida 33036
<u>Research:</u> 1. Beach monitoring a. Tagging b. Nest/crawl surveys c. Strandings <u>Education:</u> 1. Lecture/workshops	---	---	Robert. L. Kelley President Tropical Audubon Society 5530 Sunset Drive South Miami Florida 33143 (305) 666-5111
<u>Research:</u> 1. Beach monitoring a. Tagging b. Nest/crawl surveys c. Strandings d. Aerial surveys 2. Developmental Ecology 3. Nest protection (relocation) 4. Tracking 5. Sea turtle recovery team	1973	---	Llewelyn Ehrhart Professor University of Central Florida Department of Biological Sciences P.O. Box 25000 Orlando Florida 32816 (305) 275-2148
<u>Research:</u> 1. Regional coordination (tag data) 2. WATS survey and census 3. Extensive international consultations	1957	Contin- uing	Dr. Archie Carr Graduate Research Professor University of Florida Department of Zoology Gainesville Florida 32611 (904) 392-1250
<u>Education:</u> 1. Public display 2. Lecture / workshops 3. Beach walks			Terry Pitts Park Manager Washington Oaks State Park Box 128-A Route 1 St. Augustine Florida 32084 (904) 445-3161

GEORGIA			
<u>Research:</u> 1. Beach monitoring a. Strandings	1980	---	John Crawford Little St. Simons Island P.O. Box 1096 St. Simons Island Georgia 31522 (912) 264-1414
<u>Research:</u> 1. Beach monitoring a. Nest/crawl surveys b. Strandings 2. Nest protection a. Predator removal	---	---	Eleanor Torrey West Director Ossabaw Island Loggerhead Sea Turtle Project The Ossabaw Foundation P.O. Box 13397 Savannah, Georgia (912) 233-4904
<u>Research:</u> 1. Beach monitoring a. Strandings	1973	---	Carol Ruckdeschel P.O. Box 796 St. Marys, Georgia 31556
<u>Research:</u> 1. Beach monitoring a. Nest/crawl surveys b. Strandings	1979	---	Sapelo Island Department of Natural Resources Game and Fish Division Sapelo Island Georgia 31327
<u>Research:</u> 1. Beach monitoring a. Nest/crawl surveys b. Strandings 2. Nest protection a. Hatchery b. Relocation c. Predator control 3. Tracking 4. Fishery conflicts	1973	---	Savannah Science Museum 4405 Paulsen Street Savannah Georgia 31405
Wassaw Island Loggerhead Research and Conservation Project	15 May annually	15 October	Mr. Win Seyle Savannah Science Museum 4405 Paulsen Street Savannah Georgia 31405
Jekyll Island Loggerhead Research and Conservation Project	15 May annually	15 October	Mrs. Verna McNamara Coastal Georgia Audubon Society P. O. Box 1603 Brunswick Georgia 31520
Little Cumberland Island Loggerhead Research and Conservation Project	15 May annually	15 October	Dr. James I. Richardson Institute of Ecology University of Georgia Athens, Georgia 30602

Cumberland Island Loggerhead Research and Conservation Project	15 May annually	15 October	Dr. James Richardson (sea turtle advisor) Dr. Susan Bratton Unit Director National Park Service Cooperative Research Unit Institute of Ecology University of Georgia Athens Georgia 30602
<u>Education:</u> 1. Classroom 2. Public display	---	---	David Gillespie Director of Education Skiddaway Institute Univ. Georgia Marine Extension Service P.O. Box 13687 Savannah Georgia 31406 (912) 356-2496
<u>Research:</u> 1. Aerial surveys 2. Fishery conflicts 3. Population ecology 4. Wildlife inventory <u>Education:</u> 1. Lecture/workshops 2. Classroom <u>Regulation:</u> 1. Problem identification	---	---	Southeastern Wildlife Service c/o Hilburn O. Hillestead 113 Hoyte Street Athens Georgia 30602
	---	---	St. Catherine Island Midway Georgia 31320
<u>Research:</u> 1. Fishery conflicts 2. Lecture/workshops	---	---	David Harrington University of Georgia Marine Extension Service Bay Street Brunswick Georgia (912) 264-7268
<u>Research:</u> See Florida Power and Light entry in listing under FLORIDA			David Herrema Applied Biology, Inc. DeKalb Professional Building Suite 11, Lower Level 2754 N. Decatur Road Decatur Georgia 30033

<u>Research:</u> 1. Beach monitoring a. Tagging b. Nest/crawl surveys c. Strandings 2. Nest protection a. Relocation b. Hatchery 3. Fishery conflicts 4. Wildlife conflicts 5. Habitat preservation <u>Education:</u> 1. Lecture / workshops 2. Audio-visuals 3. Patrol assistance	1975	Contin- uing	Verna McNamara Vice President Coastal Georgia Audubon Society P.O. Box 1603 Brunswick Georgia 31521 (912) 635-2568
<u>Research:</u> 1. Regional coordination (state activities) <u>Regulation:</u> 1. Problem identification <u>Education:</u> 1. Lecture / workshops	1973	Contin- uing	Hans Neunhauger Coastal Director Georgia Conservancy The Coastal Office 4405 Paulsen Street Savannah Georgia 31405 (912) 355-4840
<u>Research:</u> 1. Regional coordination (Georgia)	1976	---	Dr. Robert Reimold Director
<u>Research:</u> 1. Data base quality control 2. Computer processing 3. Regional coordination 4. Tracking 5. Fishery conflicts 6. Tagging technology 7. Tagging reward network 8. Laboratory 9. Aerial surveys 10. Population ecology (modeling) <u>Education:</u> 1. Lecture / workshops 2. Research assistance 3. Audio-visual presentations <u>Regulations:</u> 1. Problem identification 2. Rule-making	1978	---	Jim Richardson Director Georgia Marine Turtle Research Program Institute of Ecology University of Georgia Athens Georgia 30602 (404) 548-2968
NORTH CAROLINA			
<u>Research:</u> 1. Beach monitoring	1977		Clay Gifford Cape Hatteras National Seashore

<ul style="list-style-type: none"> a. Nest/crawl surveys b. Strandings <p>2. Nest protection</p> <ul style="list-style-type: none"> a. Relocation <p><u>Regulation:</u></p> <ul style="list-style-type: none"> 1. Enforcements 2. Permits 			Box 675 Route 1 Manteo North Carolina 27954 (919) 473-2112
<p><u>Research:</u></p> <ul style="list-style-type: none"> 1. Beach monitoring <ul style="list-style-type: none"> a. Tagging b. Nest/crawl surveys c. Strandings 2. Nest protection <ul style="list-style-type: none"> a. Relocation 	1978		Riley Hoggard Project Coordinator Cape Lookout National Seashore P.O. Box 960 Beaufort North Carolina 28516 (919) 728-2121
<p><u>Research:</u></p> <ul style="list-style-type: none"> 1. Laboratory 2. Regional coordination <ul style="list-style-type: none"> a. Strandings <p><u>Regulation:</u></p> <ul style="list-style-type: none"> 1. Rule-making (S/T Sanctuary) 	1979	---	Frank Schwartz Institute of Marine Sciences University of North Carolina 3407 Arendell Street Morehead City North Carolina 28557 (919) 726-6841
<p><u>See:</u></p> <p>North Carolina Wildlife Resources Commission (below)</p>	---	---	Deborah Crouse Endangered Species Specialist North Carolina Natural Heritage Program P.O. Box 27687 Raleigh, North Carolina 27811 (919) 733-7795
<p><u>Education:</u></p> <ul style="list-style-type: none"> 1. Information development 2. Lecture / workshops 	---	---	Lundie Mauldin Marine Education Specialist North Carolina Sea Grant 105 1911 Building North Carolina State University Raleigh North Carolina 27650 (919) 737-2454
<p><u>Research:</u></p> <ul style="list-style-type: none"> 1. Pelagic surveys <p><u>Education:</u></p> <ul style="list-style-type: none"> 1. Museum activities 2. Lecture / workshops 	1978	---	Ray Ashton Director of Education NC State Museum of Natural History 101 Halifax Street P.O. Box 27647 Raleigh North Carolina 27611 (919) 733-7450
<p><u>Research:</u></p> <ul style="list-style-type: none"> 1. Beach monitoring <ul style="list-style-type: none"> a. Aerial surveys b. Nest/crawl surveys c. Strandings 	1980		Stuart Critchen Habitat Conservation Coordinator North Carolina Wildlife Resources Commission 512 North Salisbury

2. Regional coordination 3. Nest protection <u>Education:</u> 1. Lecture/workshops			Raleigh North Carolina 27611 (919) 733-7638
<u>Research:</u> 1. Beach monitoring a. Nest / crawl surveys b. Strandings <u>Regulation:</u> 1. Enforcement	---	---	Joe Newman Wildlife Enforcement Officer NC Wildlife Resources Commission Wildlife Enforcement Office P.O. Box 10695 Southport North Carolina 28465 (919) 278-5714
<u>Research:</u> 1. Wildlife inventory 2. Habitat preservation	1978	---	Frederick W. Annand Assistant Director The North Carolina Nature Conservancy P.O. Box 805 Chapel Hill North Carolina 27514 (919) 967-7007
<u>Regulation:</u> 1. Enforcement <u>Education:</u> 1. Public display a. State fair	---	---	Danny Nicely Division of Enforcement NC Division of Marine Fisheries Box 564-A Route 1, Newport North Carolina 28570 (919) 726-1505
<u>Education:</u> 1. Public display 2. Lecture/workshops 3. Strandings	1977	---	Ned Smith Director North Carolina Marine Resources Center / Bogue Banks Atlantic Beach North Carolina 28512 (919) 726-0121
<u>Education:</u> 1. Public display 2. Lecture/workshops 3. Strandings	1977	---	North Carolina Marine Resources General Delivery Kure Beach North Carolina 28449
<u>Education:</u> 1. Public display 2. Lecture/workshops 3. Strandings	1977	---	North Carolina Marine Resources Center / Roanoke Island P.O. Box 967 Airport Road Manteo North Carolina 27954
<u>Research:</u> 1. Beach monitoring a. Nest/crawl surveys b. Strandings	1972		Ron Hight Refuge Manager Pea Island National Wildlife Refuge P.O. Box 150

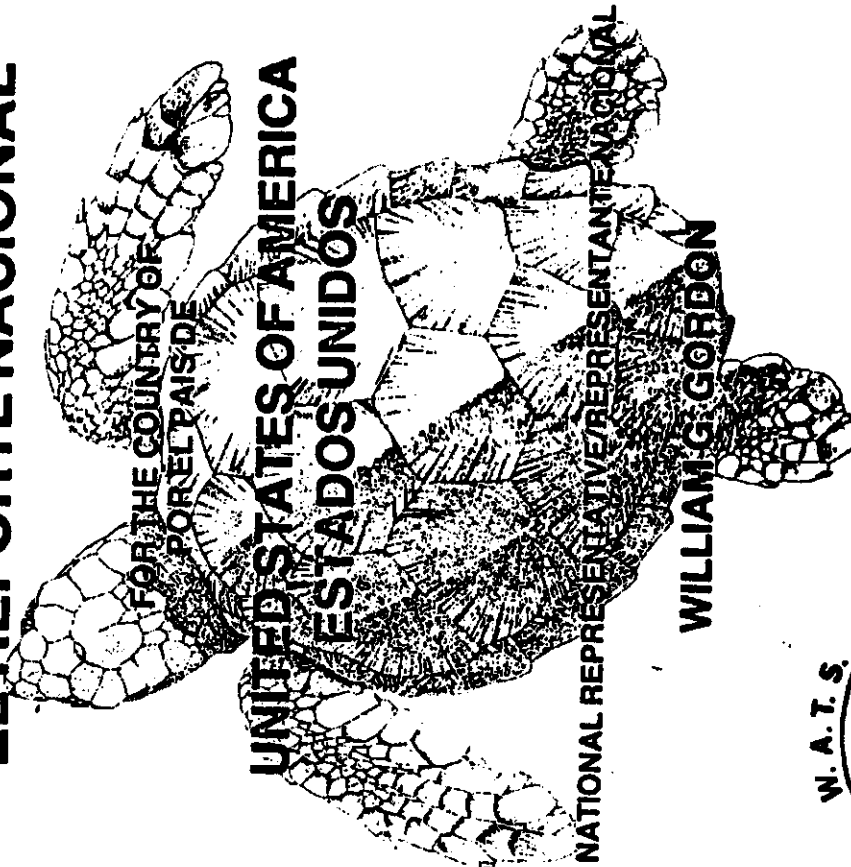
2. Nest protection a. Hatchery			Rodanthe North Carolina 27968 (919) 987-2394
SOUTH CAROLINA			
<u>Research:</u> 1. Laboratory 2. Rehabilitation <u>Education:</u> 1. Classroom 2. Lecture/workshops 3. Audio-visual presentations	1973	---	Rhett Talbert Researcher Belle Baruch Institute for Marine Biology and Coastal Research University of South Carolina Georgetown South Carolina 29440 (803) 546-3623
<u>Research:</u> 1. Beach monitoring a. Nest/crawl surveys b. Strandings 2. Nest protection a. Nest relocation b. Predator control c. Hatchery	1969	---	George Gennis Refuge Manager Cape Romain National Wildlife Refuge Box 191 Route 1 Awendaw South Carolina 29429 (803) 928-3368
<u>Research:</u> 1. Beach monitoring a. Nest/crawl surveys b. Strandings 2. Nest protection 3. Tracking 4. Fishery conflicts <u>Education:</u> 1. Lecture / workshops <u>Regulations:</u> 1. Problem identification 2. Rule-making	1981	---	Bo Bricklemeyer Director The Center for Lowcountry Environments P.O. Box 1061 Charleston South Carolina 29402 (803) 557-3696
<u>Research:</u> 1. Wildlife inventory 2. Habitat preservation	1979	---	Le Bruce Alexander The Nature Conservancy South Carolina Field Office P.O. Box 5475 Columbia South Carolina 29250 (803) 254-9049
<u>Education:</u> 1. Lecture/workshops			David Donmoyer President Waccamaw Audubon Society P.O. Box 263 Murrells Inlet South Carolina 29576 (803) 651-3532

<u>Education:</u> 1. Curriculum	---	---	Alice Linder Environmental Education Consultant South Carolina Department of Education Rutledge Building Columbia South Carolina 29201 (803) 758-2652
<u>Research:</u> 1. Fishery conflicts <u>Education:</u> 1. Lecture/workshops 2. Material development 3. Audio-visuals	---	---	C.A. Peter Granger Program Leader South Carolina Sea Grant Consortium 221 Fort Johnson Road Charleston South Carolina 29412 (803) 795-6350
	1977	---	Sally Hopkins, Tom Murphy South Carolina Wildlife and Marine Resources Department P.O. Box 12559 Charleston South Carolina 29412 (803) 795-6350
Sonic and radio tracking of nesting <i>Caretta caretta</i>	1977	1979	Tom Murphy, Jr. South Carolina Wildlife and Marine Resources Department P.O. Box 12559 Charleston South Carolina 29412
Abiotic and biotic factors affecting nesting failure of <i>Caretta caretta</i>	1977	1979	Sally R. Hopkins South Carolina Wildlife and Marine Resources Department P.O. Box 12559 Charleston South Carolina 29412
Feasibility of raccoon aversion therapy on <i>Caretta caretta</i>	1977	1979	Sally R. Hopkins South Carolina Wildlife and Marine Resources Department P.O. Box 12559 Charleston South Carolina 29412
Assess the effectiveness of various methods of raccoon removal	1980	1982	Sally R. Hopkins South Carolina Wildlife and Marine Resources Department P.O. Box 12559, Charleston South Carolina 29412
Determine distribution of loggerhead turtle nesting and to standardize the methodology for aerial beach survey	1980	1982	Sally R. Hopkins South Carolina Wildlife and Marine Resources Department

			P.O. Box 12559 Charleston South Carolina 29412
Assess the feasibility of aerial pelagic survey for marine turtles	1980	1982	
Assess the extent of incidental catch mortality by radio telemetry of carcasses	1980	1982	Tom Murphy, Jr. South Carolina Wildlife and Marine Resources Department P.O. Box 12559 Charleston, South Carolina 29412
Document the number of loggerhead turtles which strand in South Carolina	1980	1982	Sally R. Hopkins South Carolina Wildlife and Marine Resources Department P.O. Box 12559, Charleston South Carolina 29412
TEXAS			
<u>Research:</u> (See U.S. Fish & Wildlife Service, Albuquerque 1. Translocation of eggs 2. Hatchery			Texas Parks and Wildlife Padre Island National Seashore
<u>Research:</u> 1. Beach monitoring 2. Captive breeding 3. Public relations			Ida Loetscher, Turtle Lady South Padre Island Texas 78597
VIRGINIA			
<u>Research:</u> 1. Regional coordination a. Sightings b. Strandings 2. Fishery conflicts a. Pound nets 3. Tracking	1979	---	Jack Musick, Rick Byles Virginia Institute of Marine Science Gloucester Point Virginia 23062 (804) 642-2111
* <i>Editor's note (2009):</i> The states involved in research projects are listed in alphabetical order to maintain consistency within this report and among all national reports. This ordering is a departure from the order in the original National Report.			



THE NATIONAL REPORT EL REPORTE NACIONAL



FOR THE COUNTRY OF
POR EL PAIS DE

UNITED STATES OF AMERICA
ESTADOS UNIDOS

NATIONAL REPRESENTATIVE/REPRESENTANTE NACIONAL

WILLIAM G. GORDON



Western Atlantic Turtle Symposium
Simposio de Tortugas del Atlantico Occidental

17-22 July/Julio 1983
San Jose, Costa Rica



WESTERN ATLANTIC TURTLE SYMPOSIUM

San Jose, Costa Rica
July 1983

NATIONAL REPORT FOR THE COUNTRY OF

UNITED STATES

NATIONAL REPORT PRESENTED BY

WILLIAM G. GORDON
The National Representative

Address: NATIONAL MARINE FISHERIES SERVICE

U.S. DEPARTMENT OF COMMERCE

WASHINGTON, D.C. 20245 U.S.A.

NATIONAL REPORT PREPARED BY

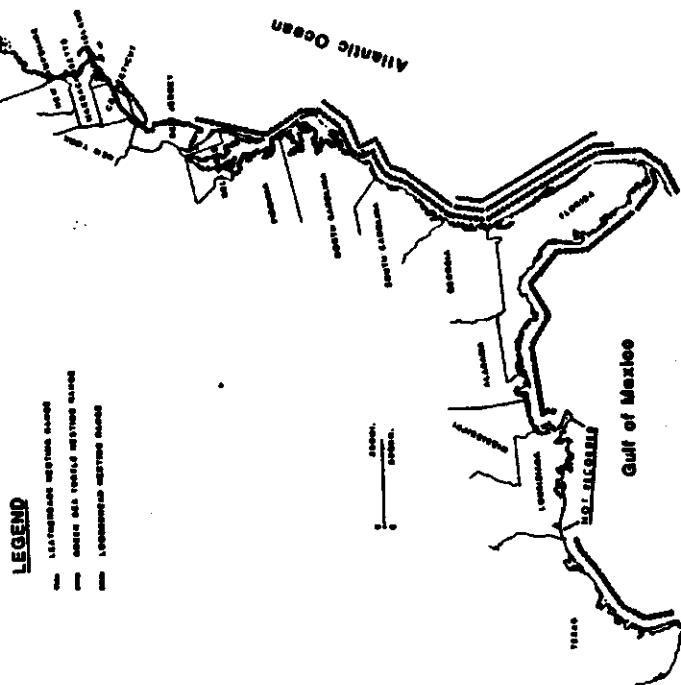
Frederick H. Berry Steve Shabica
Larry Doran Robert Shoop
Roderic Mast Jack Musick
Sally Hopkins Richard Byles
James Richardson Robert Schoellkopf
Ross Witham Anders Rhodin
Frank Schwartz Robert Shoop
Henry Ridgebrand Robert Prescott
Nancy Thompson Llewellyn Ehrhart
Theresa Wilson

DATE SUBMITTED: 27 JUNE 1983

REVISED (January-1984) BY

John N. Platenmeyer

Fig. 1: Location of United States M.A.T.S. Study area and the Reported nesting Ranges of the Loggerhead Sea Turtle, the Green Sea Turtle and the Leather-back Sea Turtle.

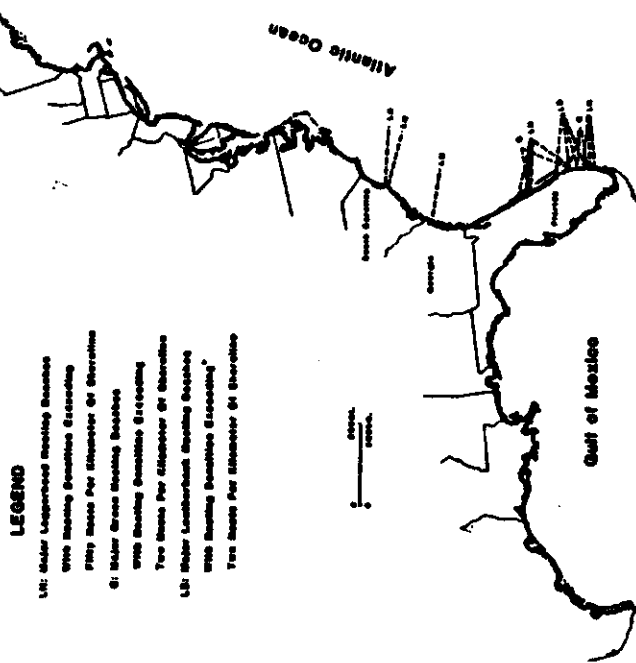


Country	
Length of Coastline*	6432.3 km
sq of Continental Shelf Area	920000 (Gulf Coast) km 840000 (East Coast)
Seaward Extent of Jurisdictions	
Territorial Sea	12 Km (Florida-Texas) 9 Km (For Remainder of Area)
Extended Economic Zone	200 Km
Fisheries Jurisdiction	200 Km
Other (Describe)	

Table 1. GEOGRAPHIC INVENTORY

Length of Coastline (km)	
Texas	620
Louisiana	710
Mississippi	120
Alabama	74.8
Florida	2037
Georgia	176
S. Carolina	290
N. Carolina	484.6
Virginia	180
Maryland	50
Delaware	45
New Jersey	438.5
New York	204
Connecticut	140
Rhode Island	70
Massachusetts	355
New Hampshire	24
Maine	475

Fig. 2: Location of Major Loggerhead Sea Turtle, Green Sea Turtle and Leather-back sea turtle Nesting Beaches in the United States M.A.T.S. Study Area.



NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

MARINE SHORELINE CHARACTERISTICS*	km of SHORELINE	
	DEVELOPED	TOTAL
1. Sand Beach (Total)	(ca 40%)	(ca 40%)
A. High Energy		(ca 80%)
B. Low Energy		(ca 20%)
2. Reef (exposed)		(ca 15)
3. Rocks and Cliffs (combined with #4)		(ca 5%)
4. Cliffs		
5. Vegetation (Total)*		(ca 40%)
A. Vines		1
B. Grasses		1
C. Mangroves		1
D. Coconut Trees		(ca 15)
E. Other Trees or Shrubs		1
F. Marshes		1
G. Remnants of Mangroves, Pines, etc.		1
7. Total Shoreline	(ca 60%)	(ca 40%)

TABLE 2. COASTAL HABITAT INVENTORY OF MARINE SHORELINE

*This information was obtained from U.S. Fish & Wildlife Service 1:250,000 scale maps. These maps do not show vegetation in specific types.

WETLAND HABITAT TYPES	m ² OF HABITAT	
	INSIDE 25m (SEASIDE)	OUTSIDE 25m (SEASIDE)
1. Sand	10,000	?
2. Mud	400	?
3. Rocks	?	?
4. Submerged Vegetation	1,400,0	?
5. Marsh (Total)	523	?
A. Fringing Marsh	?	?
B. Patch Marsh	?	?
6. Other Navigational Channels	0	?

TABLE 20. WETLAND HABITAT INVENTORY OF BAYON TYPES

NAME OF BAYON	LENGTH IN KM	SPECIES LISTING (two abbreviations)*	MONTHS OF RECORDING
TEXAS:			
Padre Island & 1. Mustang Island	210	Cc, Lt	April, May, June
LOUISIANA	-	Not Recorded	Not Recorded
MISSISSIPPI:			
1. Cat Island	5.7	Cc	June
2. West Ship Island	5.5	Not Recorded	
3. East Ship Island	3.0	Not Recorded	
4. Horn Island	22.9	Cc	June
5. Petit Bois Island	11.3	Not Recorded	

TABLE 2. WETLAND SPECIES INVENTORY
List species in appropriate sequence.
Provide additional information on following page.

Section abbreviations:
Cc = Cattle
Lt = Litter
M = Marsh
R = Rocks
S = Sand
V = Vegetation
W = Water

Table 2b: Shoreline Characteristics by State. Data Derived from U.S. Fish and Wildlife Service 1:250,000-scale Ecological Inventory Maps (1982).

STATE	WASHIN(ha)	REEF(ha ²)	SEA GRASS(ha ²)	DUNE/BOY	REMANISHED BOI(ha)
Florida	991	441.3	1,192.8	691	100-220
Georgia	468			208	
S. Carolina	100			194	
N. Carolina	853			339	
Maryland	225		70.6	50	
New Jersey	123.5		13.7	11	
Connecticut	23			183	
Virginia	200		28.8	46	
Baltimore	92			195	
New York	7			63	
Rhode Island	62			70	
Massachusetts	29			6	
Maine	21			6	
Louisiana	1171	121.2	25.6	28.5	
Alabama	43		.6	4	
Mississippi	97		11.9	7	
Texas	262	90.6	100.6	306	
Total	4493.5	623.1	1402.6	2406	

*Marsh represents all areas which have areas of vegetation (includes improve areas).

NAME OF BAYON	LENGTH IN KM	SPECIES LISTING (two abbreviations)*	MONTHS OF RECORDING
ALABAMA:			
1. Gulf Shores	15	Cc	July
FLORIDA:			
1. Mellon Beach (incl. Edlin AFS)	-	Cc, Bc 7	Not recorded
2. St. Joseph State Park	19.2		Not recorded
3. George Island	-	Cc	Not recorded
4. National Wildlife	31.3	Cc	Not recorded
5. Northern Longport Bay	0.9	Cc, E1	Not recorded
6. Cedar Key	7.6	Cc	Not recorded
7. Manatee Bay	12.9	Cc	Not recorded

TABLE 2. WETLAND SPECIES INVENTORY
List species in appropriate sequence.
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Section abbreviations:
Cc = Cattle
Lt = Litter
M = Marsh
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S = Sand
V = Vegetation
W = Water

NAME OF BEACH	LENGTH IN MI	SPECIES NESTING (See observations)	DURATION OF RECORDED NESTING
8. Cayo Costa State Prison	8.0	Cc	Mid June to Late July
9. Sealhar Island	10.5	Cc	Late May to Late July
10. Wiggins Pass State Recreation Area	13.4	Cc	Mid June to Mid July
11. Vanderbilt Beach	0.0	Cc	Not Recorded
12. Anolis Beach	9.7	Cc	Not Recorded
13. Anolis Area Beaches	8.0	Cc	Mid May to August 1st
14. Cape Romano	6.8	Cc	Not Recorded
15. Fort Jefferson National Monument	4.8	Cc	Mid April to Mid October
16. Park Beaches (Españolas National)	56.6	Cc	Mid May to Mid August
17. Bahia Honda State Recreation Area	0.8	Cc	August

TABLE 2. NESTING BEACH INVENTORY
List beaches in geographic sequence.
Provide additional information on following page.

Species Observations:
Ceryle carolinensis
Chalchicomula
Bryceola carolinensis
Lophoceros carolinensis
Lophoceros carolinensis
Lophoceros carolinensis

NAME OF BEACH	LENGTH IN MI	SPECIES NESTING (See observations)	DURATION OF RECORDED NESTING
28. Jupiter Island	12.3	Cc Cm Dc	Late May to Late September
29. Wildlife Refuge (Hole Sound National)	5.6	Cc Cm Dc	Late April to Early September
30. St. Lucie Inlet State Recreation Area	3.4	Cc	Mid May to Mid September
31. Hutchinson Island	26.8	Cc Cm Dc	Mid April to Mid September
32. Pierce Inlet State Recreation Area	3.2	Cc Cm	Early May to Late August
33. Sebastian Inlet State Recreation Area	5.8	Cc Cm	Early June to Late July
34. St. Lucie and Indian River Counties	29.6	Cc	Not Recorded
35. South Beach County	59.2	Cc	Mid May to Late August
36. Indiantown and Palm Beach	9.3	Cc Cm	Mid May to Late August
37. County (Cape Canaveral)	50.9	Cc Cm I	Late May to Late August

TABLE 3. NESTING BEACH INVENTORY
List beaches in geographic sequence.
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Species Observations:
Ceryle carolinensis
Chalchicomula
Bryceola carolinensis
Lophoceros carolinensis
Lophoceros carolinensis
Lophoceros carolinensis

NAME OF BEACH	LENGTH IN MI	SPECIES NESTING (See observations)	DURATION OF RECORDED NESTING
18. Soldier Key	Not Recorded	El	December
19. B111 Camp Cape Florida State Recreation Area	2.4	Cc Cm Dc	Mid May to Mid August
20. Northern Key Biscayne	9.6	Cc Cm	Early May to Late September
21. Miami Beach, Surfside, and Westchester	16.1	Cc Cm	Late May to Early August
22. Broward County Beaches	26.6	Cc Cm Dc	Mid May to Mid August
23. Boca Raton Public Beach	4.2	Cc Cm Dc	Early May to Early September
24. Highland Beach	4.5	Cc Cm Dc	Mid May to Mid August
25. Palm Beach Shores	0.9	Cc Dc	Mid May to Mid August
26. Lost Tree Village	2.8	Cc Cm Dc	Early May to Mid August
27. Juno Beach	1.6	Cc Cm Dc El	Early May to Late August

TABLE 3. NESTING BEACH INVENTORY
List beaches in geographic sequence.
Provide additional information on following page.

Species Observations:
Ceryle carolinensis
Chalchicomula
Bryceola carolinensis
Lophoceros carolinensis
Lophoceros carolinensis
Lophoceros carolinensis

NAME OF BEACH	LENGTH IN MI	SPECIES NESTING (See observations)	DURATION OF RECORDED NESTING
38. Talley County Fletcher Beach	8.0	Cc	Not Recorded
39. State Recreation Area	0.7	Cc Cm	Late May to Late July
40. St. Johns County Beaches	66.0	Cc	Late May to Late August
41. Ponce de Leon National Monument	1.2	Cc	June
42. Anastasia State Recreation Area	4.0	Cc	June, July
43. Big Talbot Island	3.2	Cc	Mid May to Mid August
44. Little Talbot Island	0	Cc	Mid May to Mid August
45. Cumberland Is.	29.7	Cc, Cc, Dc (1 record)	May through August
46. Little Cumberland Is.	5.8	Cc, Cc	May through August

TABLE 3. NESTING BEACH INVENTORY
List beaches in geographic sequence.
Provide additional information on following page.

Species Observations:
Ceryle carolinensis
Chalchicomula
Bryceola carolinensis
Lophoceros carolinensis
Lophoceros carolinensis
Lophoceros carolinensis

NAME OF BEACH	LENGTH IN MI	SPECIES NESTING (see abbreviations)*	PERIOD OF RECORDING NESTING
3. Jekyll Is.	14.6	C.C. - 1 C.B. (1 record)	May through August
4. St. Simon's Is.	6.5	C.C.	
5. Sea Is.	9.6	C.C.	
6. Little St. Simon's Is.	11.4	C.C.	
7. Ego Is.	2.9	-	
8. Juff Is.	5.6	C.C.	
9. Sample Is.	9.7	C.C.	
10. Blackbird Is.	13.2	C.C. - 1 B. (1 record)	
11. St. Catherine's Is.	21.1	C.C.	
12. Crook Is.	10.7	C.C.	

TABLE 2. NESTING BEACH INVENTORY
List beaches by geographic sequence.
Provide additional information on following page.

Species Abbreviations:
C.C. - Ceryle carolinensis
C.B. - Chelonia bigelowii
B. - Brachyotus carolinensis
B. - Brachyotus carolinensis
B. - Brachyotus carolinensis
B. - Brachyotus carolinensis
B. - Brachyotus carolinensis

NAME OF BEACH	LENGTH IN MI	SPECIES NESTING (see abbreviations)*	PERIOD OF RECORDING NESTING
2. Bearable	8.1	C.C.	5/15 - 8/15
3. Milton Head Is.	29.8	C.C.	5/15 - 8/15
4. St. Phillips/Key Point Island	8.3	C.C.	5/15 - 8/15
5. Little Cays	6.0	C.C.	5/15 - 8/15
6. Pritchard Is.	4.0	C.C.	5/15 - 8/15
7. Frigate Is.	6.0	C.C.	5/15 - 8/15
8. Barber/Hunting Is.	9.0	C.C.	5/15 - 8/15
9. Otter Is.	4.3	C.C.	5/15 - 8/15
10. Pine Is.	4.1	C.C.	5/15 - 8/15
11. Ledge Is.	9.2	C.C.	5/15 - 8/15

TABLE 2. NESTING BEACH INVENTORY
List beaches by geographic sequence.
Provide additional information on following page.

Species Abbreviations:
C.C. - Ceryle carolinensis
C.B. - Chelonia bigelowii
B. - Brachyotus carolinensis
B. - Brachyotus carolinensis
B. - Brachyotus carolinensis
B. - Brachyotus carolinensis

NAME OF BEACH	LENGTH IN MI	SPECIES NESTING (see abbreviations)*	PERIOD OF RECORDING NESTING
13. Biscayne Bay	3.8	C.C.	May through August
14. Pine A Little Nassau Is.	3.8	C.C.	
15. Nassau Is.	10.5	C.C.	
16. Cabbage Is.	3.0	C.C.	
17. Petit Chau Is.	1.3	C.C.	
18. Williams Is.	2.9	C.C.	
19. Little Tyne Is.	5.3	C.C.	
20. Tyne Is.	5.6	C.C.	
SOUTH CAROLINA			
1. Turtle Is.	4.0	C.C.	5/15 - 8/15

TABLE 2. NESTING BEACH INVENTORY
List beaches by geographic sequence.
Provide additional information on following page.

Species Abbreviations:
C.C. - Ceryle carolinensis
C.B. - Chelonia bigelowii
B. - Brachyotus carolinensis
B. - Brachyotus carolinensis
B. - Brachyotus carolinensis
B. - Brachyotus carolinensis

NAME OF BEACH	LENGTH IN MI	SPECIES NESTING (see abbreviations)*	PERIOD OF RECORDING NESTING
12. Edinville Beach	2.9	C.C.	5/15 - 8/15
13. Spring Bay Is.	7.2	C.C.	5/15 - 8/15
14. Seabrook Is.	5.6	C.C.	5/15 - 8/15
15. Klamath Is.	15.8	C.C.	5/15 - 8/15
16. Polly Beach	10.4	C.C.	5/15 - 8/15
17. Harris Is.	5.4	C.C.	5/15 - 8/15
18. Seville's Is.	6.3	C.C.	5/15 - 8/15
19. Isle of Palm	10.0	C.C.	5/15 - 8/15
20. Bones Is.	4.0	C.C.	5/15 - 8/15
21. Capers Is.	5.2	C.C.	5/15 - 8/15

TABLE 2. NESTING BEACH INVENTORY
List beaches by geographic sequence.
Provide additional information on following page.

Species Abbreviations:
C.C. - Ceryle carolinensis
C.B. - Chelonia bigelowii
B. - Brachyotus carolinensis
B. - Brachyotus carolinensis
B. - Brachyotus carolinensis
B. - Brachyotus carolinensis

NAME OF BEACH	LENGTH IN MI	SPECIES NESTING (see abbreviations)*	MONTHS OF RECORDED NESTING
22. Bulls Is.	10.5	Cc	5/15 - 8/15
23. Nacoon Bay	9.0	Cc	5/15 - 8/15
24. Lighthouse Island	3.3	Cc	5/15 - 8/15
25. Crab Is.	8.0	Cc	5/15 - 8/15
26. Porcupine Is.	9.0	Cc	5/15 - 8/15
27. Cedar Is.	4.3	Cc	5/15 - 8/15
28. Smith Is.	4	Cc	5/15 - 8/15
29. Sand Is.	4	Cc	5/15 - 8/15
30. North Is.	13.5	Cc	5/15 - 8/15
31. Middle Is.	7.1	Cc	5/15 - 8/15

TABLE 3. NESTING BEACH INVENTORY
List beaches in geographic sequence.
Provide additional information on following page.

Species Abbreviations:
Cc Ceryle carolinensis
Cm Chelonia mydas
Cn Caretta caretta
Cp Lepidochelys olivacea
Ct Eretmochelys imbricata
Cf Lijima fuscata
Cg Lijima fuscata

NAME OF BEACH	LENGTH IN MI	SPECIES NESTING (see abbreviations)*	MONTHS OF RECORDED NESTING
9. Flinn's Island	5.6	Cc	J J
10. New Topsail Inlet to Rich Inlet	5.6	Cc	J J
11. Topsail Beach	36	Cc	J J A
12. Oyster Beach	11.5	Cc, Cm	M J J A
13. Brown Island	5	Cc	J J A
14. Bear Island	6	Cc	M J J A
15. Dogue Banks	39	Cc	M J J A
16. Shalford Banks	14.5	Cc	J J A
17. Curlew Banks - No. Long Point	88	Cc	M J J A
18. Curlew Island	36	Cc	M J J A

TABLE 3. NESTING BEACH INVENTORY
List beaches in geographic sequence.
Provide additional information on following page.

Species Abbreviations:
Cc Ceryle carolinensis
Cm Chelonia mydas
Cn Caretta caretta
Cp Lepidochelys olivacea
Ct Eretmochelys imbricata
Cf Lijima fuscata
Cg Lijima fuscata

NAME OF BEACH	LENGTH IN MI	SPECIES NESTING (see abbreviations)*	MONTHS OF RECORDED NESTING
32. Grand Strand 32. (all of northern coast)	71	Cc	5/15 - 8/15
33. MARY CAROLINE			
1. Sunset Beach	4.0	Cc	J J
2. Ocean Isle Beach	4.8	Cc	J J
3. Holden Beach	12	Cc	J J
4. Oak Island	21	Cc	J J A
5. Baldhead Island (Smith Island)	13.0	Cc	M J J A
6. Curlew Inlet to Curlew Inlet	29	Cc	J J
7. Curlew Inlet to Curlew Inlet	13.8	Cc	J J
8. Inlet to Hatteras Inlet	6.0	Cc	J J

TABLE 3. NESTING BEACH INVENTORY
List beaches in geographic sequence.
Provide additional information on following page.

Species Abbreviations:
Cc Ceryle carolinensis
Cm Chelonia mydas
Cn Caretta caretta
Cp Lepidochelys olivacea
Ct Eretmochelys imbricata
Cf Lijima fuscata
Cg Lijima fuscata

NAME OF BEACH	LENGTH IN MI	SPECIES NESTING (see abbreviations)*	MONTHS OF RECORDED NESTING
19. Curlew Island (included in 21. Inlet to Hatteras Inlet)	103	Cc	M J J A
20. Middle Island	15	Cc	M J J A
21. Inlet to Hatteras Inlet	79	Cc	J J

TABLE 3. NESTING BEACH INVENTORY
List beaches in geographic sequence.
Provide additional information on following page.

Species Abbreviations:
Cc Ceryle carolinensis
Cm Chelonia mydas
Cn Caretta caretta
Cp Lepidochelys olivacea
Ct Eretmochelys imbricata
Cf Lijima fuscata
Cg Lijima fuscata

NATIONAL FRONT FOR THE UNITED STATES OF AMERICA

TABLE 2. LISTING SUCH INVENTORY (Supplementary page)

Please give additional information about each nesting beach identified in Table 2. Include information on color of sand, particle size, beach profile, beachside vegetation, artificial lighting, etc.

This additional information for sea turtle nesting beaches in the United States has not been collected and compiled, although many local area beach descriptions do exist in several states.

SPECIES	NUMBER OF EGGS		DATES OF EGGS COLLECTION
	Male/Female (Average)	One Male/One Female (Individual)	
<i>Scaphisoma scaphis</i>	-	1	March - Sept. 1962
<i>Scaphisoma scaphis</i>			
<i>Scaphisoma scaphis</i>			
<i>Scaphisoma scaphis</i>			
<i>Scaphisoma scaphis</i>		less than 1	
<i>Scaphisoma scaphis</i>			

TABLE 4 • J. LISTENING COMES FOR BOYS

Please complete one of these tables to summarize census data for each beach listed in Table 1. Number tables sequentially (4-1, 4-2, 4-3, etc.) as summarized in Table 3.

FINANCIAL AND STATISTICAL DATA FOR THE UNITED STATES OF AMERICA

[illegible]

TABLE 4 - 2. SETTING CHARGES PER BENCH, MISSISSIPPI. Cat 1910d
(cont.)

Please complete one of these tables to summarize census data for each beach listed in Table 2. Number tables sequentially (4-1, 4-2, 4-3, etc.) as numbered in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF REPTILES		DATES OF DATA COLLECTION
	Males/Females (average)	Males/Females (standard)	
<i>Sauria sarda</i>	-	-	1976 THROUGH 1981
<i>Sauria malik</i>			
<i>Batrachium sarda</i>			
<i>Batrachium malik</i>			
<i>Batrachium sarda</i>			
<i>Batrachium malik</i>			
<i>Batrachium sarda</i>			
<i>Batrachium malik</i>			
<i>Batrachium sarda</i>			
<i>Batrachium malik</i>			

TABLE 4 • J. nesting census per beach **MISSISSIPPI: West Ship Island**
(cont.)

Please complete one of these tables to summarize census data for each beach listed in Table 1. Number tables sequentially (4-1, 4-2, 4-3, etc.) as numbered in Table 2.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/night (Average)	Nests/Season (Estimated)	
<i>Sterna bergii</i>			NO NIGHTTIME BEACH PATROL
<i>Charadrius mexicanus</i>			
<i>Phalaropus lobatus</i>			
<i>Actinodytes lineatus</i>			
<i>Actinodytes lineatus</i>			
<i>Actinodytes lineatus</i>			

TABLE 4 - 5. NESTING CENSUS PER BEACH, MISSISSIPPI: East Shin Island

(none)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/night (Average)	Nests/Season (Estimated)	
<i>Sterna bergii</i>			NO NIGHTTIME PATROLS
<i>Charadrius mexicanus</i>			
<i>Phalaropus lobatus</i>			
<i>Actinodytes lineatus</i>			
<i>Actinodytes lineatus</i>			
<i>Actinodytes lineatus</i>			

TABLE 4 - 6. NESTING CENSUS PER BEACH, MISSISSIPPI: Pelicula Island

(none)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/night (Average)	Nests/Season (Estimated)	
<i>Sterna bergii</i>	-	2	1976 THROUGH 1981
<i>Charadrius mexicanus</i>			
<i>Phalaropus lobatus</i>			
<i>Actinodytes lineatus</i>			
<i>Actinodytes lineatus</i>			
<i>Actinodytes lineatus</i>			

TABLE 4 - 7. NESTING CENSUS PER BEACH, MISSISSIPPI: Horn Island

(none)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/night (Average)	Nests/Season (Estimated)	
<i>Sterna bergii</i>		1	JULY 1982
<i>Charadrius mexicanus</i>			
<i>Phalaropus lobatus</i>			
<i>Actinodytes lineatus</i>			
<i>Actinodytes lineatus</i>			
<i>Actinodytes lineatus</i>			

TABLE 4 - 7. NESTING CENSUS PER BEACH, ALABAMA: Gulf Shores

(none)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Sterna bergii</i>		6	Not recorded
<i>Sterna bergii</i>			
<i>Sterna bergii</i>		less than 17	Not recorded
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			

TABLE 4 - 2 NESTING COUNTS FOR SEASON FLORIDA: St. Johns River, including Little Air Force Base

(cont.)

Please complete one of these tables to summarize census data for each beach listed in Table 1. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Sterna bergii</i>		17	Not recorded
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			

TABLE 4 - 3 NESTING COUNTS FOR SEASON FLORIDA: St. Johns River, including Little Air Force Base

(cont.)

Please complete one of these tables to summarize census data for each beach listed in Table 1. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Sterna bergii</i>		11	Not recorded
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			

TABLE 4 - 4 NESTING COUNTS FOR SEASON FLORIDA: T.H. Stone Memorial St. Joseph Peninsula State Park

(cont.)

Please complete one of these tables to summarize census data for each beach listed in Table 1. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Sterna bergii</i>		10	Early June to Mid August
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			

TABLE 4 - 5 NESTING COUNTS FOR SEASON FLORIDA: St. Vincent Island National Wildlife Refuge

(cont.)

Please complete one of these tables to summarize census data for each beach listed in Table 1. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Flight (Average)	Nests/Season (Estimated)	
<i>Scolecophagus</i>		20	Late Nov to Early August
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			

TABLE 6 - 12 NESTING COUNTRIES PER REGION FLORIDA: Cape Coral Key

(mm)

Please complete one of these tables to summarize census data for each month listed in Table 1. Number tables sequentially (e.g., 6-1, 6-2, 6-3, etc.) as enumerated in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Flight (Average)	Nests/Season (Estimated)	
<i>Scolecophagus</i>		50	Mid Nov to Early August
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			

TABLE 6 - 13 NESTING COUNTRIES PER REGION FLORIDA: Cape Coral Key

(mm)

Please complete one of these tables to summarize census data for each month listed in Table 1. Number tables sequentially (e.g., 6-1, 6-2, 6-3, etc.) as enumerated in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Flight (Average)	Nests/Season (Estimated)	
<i>Scolecophagus</i>		170	Late June to Late July
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			

TABLE 6 - 14 NESTING COUNTRIES PER REGION FLORIDA: Cape Coral Key

(mm)

Please complete one of these tables to summarize census data for each month listed in Table 1. Number tables sequentially (e.g., 6-1, 6-2, 6-3, etc.) as enumerated in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Flight (Average)	Nests/Season (Estimated)	
<i>Scolecophagus</i>		6	Mid June to Late July
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			

TABLE 6 - 15 NESTING COUNTRIES PER REGION FLORIDA: Cape Coral Key

(mm)

Please complete one of these tables to summarize census data for each month listed in Table 1. Number tables sequentially (e.g., 6-1, 6-2, 6-3, etc.) as enumerated in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Sturnella magna</i>		100	Mid May to Late July.
<i>Sturnella magna</i>			
<i>Sturnella magna</i>			
<i>Sturnella magna</i>			
<i>Sturnella magna</i>			
<i>Sturnella magna</i>			

TABLE 4 - 17 NESTING CHANGES FOR SEASON FLORIDA - South Island
(none)

Please complete one of these tables to summarize census data for each band listed in Table 1. Number tables sequentially (4-1, 4-2, 4-3, etc.) as indicated in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Sturnella magna</i>		22	Mid June to Mid July.
<i>Sturnella magna</i>			
<i>Sturnella magna</i>			
<i>Sturnella magna</i>			
<i>Sturnella magna</i>			
<i>Sturnella magna</i>			

TABLE 4 - 17 NESTING CHANGES FOR SEASON FLORIDA - Wilson's Bay State Reservation
(none)

Please complete one of these tables to summarize census data for each band listed in Table 1. Number tables sequentially (4-1, 4-2, 4-3, etc.) as indicated in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Sturnella magna</i>		42	Not recorded
<i>Sturnella magna</i>			
<i>Sturnella magna</i>			
<i>Sturnella magna</i>			
<i>Sturnella magna</i>			
<i>Sturnella magna</i>			

TABLE 4 - 18 NESTING CHANGES FOR SEASON FLORIDA - Indian River
(none)

Please complete one of these tables to summarize census data for each band listed in Table 1. Number tables sequentially (4-1, 4-2, 4-3, etc.) as indicated in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Sturnella magna</i>		30	Not recorded
<i>Sturnella magna</i>			
<i>Sturnella magna</i>			
<i>Sturnella magna</i>			
<i>Sturnella magna</i>			
<i>Sturnella magna</i>			

TABLE 4 - 19 NESTING CHANGES FOR SEASON FLORIDA - Indian River
(none)

Please complete one of these tables to summarize census data for each band listed in Table 1. Number tables sequentially (4-1, 4-2, 4-3, etc.) as indicated in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Scolecophagus</i>		50	Mid May to August 1.
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			

TABLE 4 - 20 NESTING CENSUS FOR EACH SPECIES: FLORIDA: Fort Jefferson National Monument
(none)

Please complete one of these tables to summarize census data for each month listed in Table 2. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Scolecophagus</i>		66	Mid April through August
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			

TABLE 4 - 22 NESTING CENSUS FOR EACH SPECIES: FLORIDA: Fort Jefferson National Monument
(none)

Please complete one of these tables to summarize census data for each month listed in Table 2. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Scolecophagus</i>		40	Not recorded
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			

TABLE 4 - 21 NESTING CENSUS FOR EACH SPECIES: FLORIDA: Cape Romano
(none)

Please complete one of these tables to summarize census data for each month listed in Table 2. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Scolecophagus</i>		1200	Early May to Early August
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			

TABLE 4 - 23 NESTING CENSUS FOR EACH SPECIES: FLORIDA: (Everglades National Park)
(none)

Please complete one of these tables to summarize census data for each month listed in Table 2. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Sayornis sayi</i>		30	Early May to Late September
<i>Sayornis nigricans</i>		2	Mid June to Early July
<i>Sayornis nigricans</i>			
<i>Sayornis nigricans</i>			
<i>Sayornis nigricans</i>			
<i>Sayornis nigricans</i>			

TABLE 4 - 20 NESTING CHANGES PER SEASON FLORIDA: *Sayornis nigricans* (cont.)

Please complete one of these tables to summarize census data for each month listed in Table 2. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as described in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Sayornis sayi</i>		1,155	May 1st to 29 August
<i>Sayornis nigricans</i>		10	Early June to Late August
<i>Sayornis nigricans</i>		1	Early May to Mid June
<i>Sayornis nigricans</i>			
<i>Sayornis nigricans</i>			
<i>Sayornis nigricans</i>			

TABLE 4 - 20 NESTING CHANGES PER SEASON FLORIDA: *Sayornis nigricans* (cont.)

Please complete one of these tables to summarize census data for each month listed in Table 2. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as described in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Sayornis sayi</i>		20	Late May to Early August
<i>Sayornis nigricans</i>		1	June
<i>Sayornis nigricans</i>			
<i>Sayornis nigricans</i>			
<i>Sayornis nigricans</i>			
<i>Sayornis nigricans</i>			

TABLE 4 - 21 NESTING CHANGES PER SEASON FLORIDA: *Sayornis nigricans* (cont.)

Please complete one of these tables to summarize census data for each month listed in Table 2. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as described in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Sayornis sayi</i>		370	Early May to Early September
<i>Sayornis nigricans</i>		0	Early July to Late August
<i>Sayornis nigricans</i>		1	June
<i>Sayornis nigricans</i>			
<i>Sayornis nigricans</i>			
<i>Sayornis nigricans</i>			

TABLE 4 - 21 NESTING CHANGES PER SEASON FLORIDA: *Sayornis nigricans* (cont.)

Please complete one of these tables to summarize census data for each month listed in Table 2. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as described in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Flight (Average)	Nests/Season (Estimated)	
<i>Scolecophagus</i>		507	Early May to Early August
<i>Sceloporus</i>		7	Late May to Early August
<i>Batrachoseps</i>		6	Late April to Early July
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			

TABLE 4 - 22 NESTING COMES FOR EACH FLORIDA: Highland Ranch

(cont)

Please complete one of these tables to summarize census data for each year listed in Table 2. Number tables sequentially (4-1, 4-2, 4-3, etc.) as covered in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Flight (Average)	Nests/Season (Estimated)	
<i>Scolecophagus</i>		215	Early May to Mid August
<i>Sceloporus</i>		7	Mid June to Late June
<i>Batrachoseps</i>		3	Mid April to Late May
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			

TABLE 4 - 23 NESTING COMES FOR EACH FLORIDA: Fort Irwin, Illinois

(cont)

Please complete one of these tables to summarize census data for each year listed in Table 2. Number tables sequentially (4-1, 4-2, 4-3, etc.) as covered in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Flight (Average)	Nests/Season (Estimated)	
<i>Scolecophagus</i>		54	Mid May to Early August
<i>Sceloporus</i>			
<i>Batrachoseps</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			

TABLE 4 - 24 NESTING COMES FOR EACH FLORIDA: Palo Verde Ranch

(cont)

Please complete one of these tables to summarize census data for each year listed in Table 2. Number tables sequentially (4-1, 4-2, 4-3, etc.) as covered in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Flight (Average)	Nests/Season (Estimated)	
<i>Scolecophagus</i>		340	Early May to Late August
<i>Sceloporus</i>		3	Mid July to Mid August
<i>Batrachoseps</i>		1	Mid April to Mid July
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			

TABLE 4 - 25 NESTING COMES FOR EACH FLORIDA: June Ranch

(cont)

Please complete one of these tables to summarize census data for each year listed in Table 2. Number tables sequentially (4-1, 4-2, 4-3, etc.) as covered in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Flight (Average)	Nests/Person (Estimated)	
<i>Sterna bergii</i>		2,100	Mid May to Late September
<i>Chelidon alpestris</i>		10	Early June to Mid August
<i>Streptopelia risoria</i>		7	Mid May to Late June
<i>Actitis macularia</i>			
<i>Limosa lapidacea</i>			
<i>Actitis macularia</i>			

TABLE 4 - 36. NESTING CENSUS FOR BIRDS. FLORIDA: Jupiter Island. (cont.)

Please complete one of these tables to summarize census data for each species listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Flight (Average)	Nests/Person (Estimated)	
<i>Sterna bergii</i>			Mid May to Mid September
<i>Chelidon alpestris</i>			
<i>Streptopelia risoria</i>			
<i>Actitis macularia</i>			
<i>Limosa lapidacea</i>			
<i>Actitis macularia</i>			

TABLE 4 - 38. NESTING CENSUS FOR BIRDS. FLORIDA: St. Lucie Inlet State Recreational Area. (cont.)

Please complete one of these tables to summarize census data for each species listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Flight (Average)	Nests/Person (Estimated)	
<i>Sterna bergii</i>		1,100	Late April to 1st September
<i>Chelidon alpestris</i>		8	Early June to Late August
<i>Streptopelia risoria</i>		3	June
<i>Actitis macularia</i>			
<i>Limosa lapidacea</i>			
<i>Actitis macularia</i>			

TABLE 4 - 37. NESTING CENSUS FOR BIRDS. FLORIDA: John Seward National Wildlife Refuge. (cont.)

Please complete one of these tables to summarize census data for each species listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Flight (Average)	Nests/Person (Estimated)	
<i>Sterna bergii</i>		3,115	Early May to Early September
<i>Chelidon alpestris</i>		10	Mid June to Early September
<i>Streptopelia risoria</i>		11	Mid April to Early July
<i>Actitis macularia</i>			
<i>Limosa lapidacea</i>			
<i>Actitis macularia</i>			

TABLE 4 - 39. NESTING CENSUS FOR BIRDS. FLORIDA: Hutchinson Island. (cont.)

Please complete one of these tables to summarize census data for each species listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/High (Average)	Nests/Season (Estimated)	
<i>Sayornis nigricans</i>		25	Mid May to Late August
<i>Sayornis nigricans</i>			
<i>Sayornis nigricans</i>			
<i>Sayornis nigricans</i>			
<i>Sayornis nigricans</i>			
<i>Sayornis nigricans</i>			
<i>Sayornis nigricans</i>			

TABLE 4 - 40 NESTING COMES FOR EACH FLORIDA: St. Lucie and Indian River Counties

(none)

Please complete one of these tables to summarize nesting data for each species listed in Table 2. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/High (Average)	Nests/Season (Estimated)	
<i>Sayornis nigricans</i>		725	Early June through Late August
<i>Sayornis nigricans</i>		25	Early June through Late August
<i>Sayornis nigricans</i>		2	June
<i>Sayornis nigricans</i>			
<i>Sayornis nigricans</i>			
<i>Sayornis nigricans</i>			
<i>Sayornis nigricans</i>			

TABLE 4 - 42 NESTING COMES FOR EACH FLORIDA: St. Lucie and Indian River Counties

(none)

Please complete one of these tables to summarize nesting data for each species listed in Table 2. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/High (Average)	Nests/Season (Estimated)	
<i>Sayornis nigricans</i>		297	Early June to Late July
<i>Sayornis nigricans</i>		2	July
<i>Sayornis nigricans</i>			
<i>Sayornis nigricans</i>			
<i>Sayornis nigricans</i>			
<i>Sayornis nigricans</i>			
<i>Sayornis nigricans</i>			

TABLE 4 - 41 NESTING COMES FOR EACH FLORIDA: Sebastian Inlet State Recreation Area

(none)

Please complete one of these tables to summarize nesting data for each species listed in Table 2. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/High (Average)	Nests/Season (Estimated)	
<i>Sayornis nigricans</i>		7,800	Mid May to Late August
<i>Sayornis nigricans</i>		60	June through August
<i>Sayornis nigricans</i>		3	June
<i>Sayornis nigricans</i>			
<i>Sayornis nigricans</i>			
<i>Sayornis nigricans</i>			
<i>Sayornis nigricans</i>			

TABLE 4 - 43 NESTING COMES FOR EACH FLORIDA: South Howard County

(none)

Please complete one of these tables to summarize nesting data for each species listed in Table 2. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Sayornis sayi</i>		2,000	Mid May to Late August
<i>Salicaria salina</i>			
<i>Parusolinus arizonae</i>			
<i>Eximochelidon intermedia</i>			
<i>Laniidichthys borealis</i>			
<i>Laniidichthys alba</i>			

TABLE 4 - 44 NESTING CENSUS FOR BEACH FLORIDA: *Laniidichthys* and *Salicaria* Birds

(cont.)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Sayornis sayi</i>		302	Not Recorded
<i>Salicaria salina</i>			
<i>Parusolinus arizonae</i>			
<i>Eximochelidon intermedia</i>			
<i>Laniidichthys borealis</i>			
<i>Laniidichthys alba</i>			

TABLE 4 - 46 NESTING CENSUS FOR BEACH FLORIDA: *Salicaria* County

(cont.)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Sayornis sayi</i>		2,307	Late May to Late August
<i>Salicaria salina</i>		10	Mid July to Mid August
<i>Parusolinus arizonae</i>			
<i>Eximochelidon intermedia</i>			
<i>Laniidichthys borealis</i>		1	September 1982
<i>Laniidichthys alba</i>			Regional National Sessions

TABLE 4 - 45 NESTING CENSUS FOR BEACH FLORIDA: *Parusolinus* County (Cont. Current)

(cont.)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Sayornis sayi</i>		9	Late May to Late July
<i>Salicaria salina</i>		1	Late June
<i>Parusolinus arizonae</i>			
<i>Eximochelidon intermedia</i>			
<i>Laniidichthys borealis</i>			
<i>Laniidichthys alba</i>			

TABLE 4 - 47 NESTING CENSUS FOR BEACH FLORIDA: *Parusolinus* Beach State Association Area

(cont.)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Early/High (Average)	Early/Season (Estimated)	
<i>Scolecophagus</i>		2	21 May, June, July and Aug.
<i>Scotophilus</i>			
<i>Scotophilus</i>			
<i>Scotophilus</i>			
<i>Scotophilus</i>			
<i>Scotophilus</i>			

TABLE 4 - 10 NESTING COMES FOR SPECIES *FLORIDA*: 10. John County, Georgia

(mm)

Please complete one of these tables to summarize census data for each year listed in Table 1. Number tables sequentially (e.g., 4-1, 4-2, etc.) as enumerated in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Early/High (Average)	Early/Season (Estimated)	
<i>Scolecophagus</i>		2	June
<i>Scotophilus</i>			
<i>Scotophilus</i>			
<i>Scotophilus</i>			
<i>Scotophilus</i>			
<i>Scotophilus</i>			

TABLE 4 - 11 NESTING COMES FOR SPECIES *FLORIDA*: 11. Putnam County, Georgia

(mm)

Please complete one of these tables to summarize census data for each year listed in Table 1. Number tables sequentially (e.g., 4-1, 4-2, etc.) as enumerated in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Early/High (Average)	Early/Season (Estimated)	
<i>Scolecophagus</i>		2	Early June to Early July
<i>Scotophilus</i>			
<i>Scotophilus</i>			
<i>Scotophilus</i>			
<i>Scotophilus</i>			
<i>Scotophilus</i>			

TABLE 4 - 12 NESTING COMES FOR SPECIES *FLORIDA*: 12. Putnam State, International Area

(mm)

Please complete one of these tables to summarize census data for each year listed in Table 1. Number tables sequentially (e.g., 4-1, 4-2, etc.) as enumerated in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Early/High (Average)	Early/Season (Estimated)	
<i>Scolecophagus</i>	0	0	May, June, July and August
<i>Scotophilus</i>			
<i>Scotophilus</i>			
<i>Scotophilus</i>			
<i>Scotophilus</i>			
<i>Scotophilus</i>			

TABLE 4 - 13 NESTING COMES FOR SPECIES *FLORIDA*: 13. Talbot Island

(mm)

Please complete one of these tables to summarize census data for each year listed in Table 1. Number tables sequentially (e.g., 4-1, 4-2, etc.) as enumerated in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/night (average)	Nests/Season (Estimated)	
<i>Sterna bergii</i>	-	32	May, June, July and August
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			

TABLE 4 - 2. NESTING CENSUS FOR BIRD SPECIES: Little Talbot Island

(none)

Please complete one of these tables to summarize census data for each month listed in Table 2. Number tables sequentially (e.g., 4-2, 4-3, etc.) as covered in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/night (average)	Nests/Season (Estimated)	
<i>Sterna bergii</i>	-	142	May - August 1964 - 61
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			

TABLE 4 - 3. NESTING CENSUS FOR BIRD SPECIES: Little Talbot Island

(none)

Please complete one of these tables to summarize census data for each month listed in Table 2. Number tables sequentially (e.g., 4-2, 4-3, etc.) as covered in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/night (average)	Nests/Season (Estimated)	
<i>Sterna bergii</i>	-	227	May - August 1974 - 80
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			

TABLE 4 - 4. NESTING CENSUS FOR BIRD SPECIES: Cumberland Island

(none)

Please complete one of these tables to summarize census data for each month listed in Table 2. Number tables sequentially (e.g., 4-2, 4-3, etc.) as covered in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/night (average)	Nests/Season (Estimated)	
<i>Sterna bergii</i>	-	114	May - August 1972 - 75
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			

TABLE 4 - 5. NESTING CENSUS FOR BIRD SPECIES: Jekyll Island

(none)

Please complete one of these tables to summarize census data for each month listed in Table 2. Number tables sequentially (e.g., 4-2, 4-3, etc.) as covered in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Sterna bergii</i>		0	
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			

TABLE 4 - 34 NESTING CHANGES FOR SEASON: Little St. James Island (name)

Please complete one of these tables to summarize census data for each beach listed in Table 1. Number tables sequentially (1-1, 2-2, 3-3, etc.) as described in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Sterna bergii</i>		0	
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			

TABLE 4 - 35 NESTING CHANGES FOR SEASON: Little St. James Island (name)

Please complete one of these tables to summarize census data for each beach listed in Table 1. Number tables sequentially (1-1, 2-2, 3-3, etc.) as described in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Sterna bergii</i>		10	
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			

TABLE 4 - 37 NESTING CHANGES FOR SEASON: Crossin Island (name)

Please complete one of these tables to summarize census data for each beach listed in Table 1. Number tables sequentially (1-1, 2-2, 3-3, etc.) as described in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Sterna bergii</i>		51	
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			

TABLE 4 - 38 NESTING CHANGES FOR SEASON: Crossin Island (name)

Please complete one of these tables to summarize census data for each beach listed in Table 1. Number tables sequentially (1-1, 2-2, 3-3, etc.) as described in Table 2.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Right (Average)	Nests/Season (Estimated)	
<i>Sterna bergii</i>		49	May - August
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			

TABLE 4 - 60 NESTING CHURNS PER BEACH GEORGIA: Sapelo Island (none)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Right (Average)	Nests/Season (Estimated)	
<i>Sterna bergii</i>		65	May - August
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			

TABLE 4 - 62 NESTING CHURNS PER BEACH GEORGIA: St. Catherine's Island (none)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Right (Average)	Nests/Season (Estimated)	
<i>Sterna bergii</i>		105	May - August 1968 - 69 (incomplete)
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			

TABLE 4 - 61 NESTING CHURNS PER BEACH GEORGIA: Hatteras Island (none)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Right (Average)	Nests/Season (Estimated)	
<i>Sterna bergii</i>		122	May - August 1976 - 80
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			

TABLE 4 - 63 NESTING CHURNS PER BEACH GEORGIA: Parris Island (none)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Flight (Average)	Nests/Season (Estimated)	
<i>Sterna bergii</i>		90	May - August
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			

TABLE 4 - 51. NESTING CENSUS FOR SPECIES *Sterna bergii*, *Sterna bergii*

(none)

Please complete one of these tables to summarize census data for each nest listed in Table 1. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as numbered in Table 1.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Flight (Average)	Nests/Season (Estimated)	
<i>Sterna bergii</i>		61	May - August
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			

TABLE 4 - 52. NESTING CENSUS FOR SPECIES *Sterna bergii*, *Sterna bergii*

(none)

Please complete one of these tables to summarize census data for each nest listed in Table 1. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as numbered in Table 1.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Flight (Average)	Nests/Season (Estimated)	
<i>Sterna bergii</i>		19	May - August
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			

TABLE 4 - 53. NESTING CENSUS FOR SPECIES *Sterna bergii*, *Sterna bergii*

(none)

Please complete one of these tables to summarize census data for each nest listed in Table 1. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as numbered in Table 1.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Flight (Average)	Nests/Season (Estimated)	
<i>Sterna bergii</i>		27*	May - August
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			

TABLE 4 - 54. NESTING CENSUS FOR SPECIES *Sterna bergii*, *Sterna bergii*

(none)

Please complete one of these tables to summarize census data for each nest listed in Table 1. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as numbered in Table 1.

* Including Petit Chen, Williamson, and Little Tyson Islands

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Sterna bergii</i>	.	.	May - August
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			

TABLE 4 - 66 NESTING CENSUS FOR BIRD GEORGIA: Little Tybee Island

(cont)

Please complete one of these tables to summarize census data for each month listed in Table 3. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

* Included under Cabage Island

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Sterna bergii</i>	.	.	May - August
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			

TABLE 4 - 70 NESTING CENSUS FOR BIRD GEORGIA: Little Tybee Island

(cont)

Please complete one of these tables to summarize census data for each month listed in Table 3. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

* Included under Cabage Island

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Sterna bergii</i>	.	.	May - August
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			

TABLE 4 - 67 NESTING CENSUS FOR BIRD GEORGIA: Little Tybee Island

(cont)

Please complete one of these tables to summarize census data for each month listed in Table 3. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

* Included under Cabage Island

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Sterna bergii</i>	.	3	May - August
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			

TABLE 4 - 71 NESTING CENSUS FOR BIRD GEORGIA: Little Tybee Island

(cont)

Please complete one of these tables to summarize census data for each month listed in Table 3. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Flight (Average)	Nests/Season (Estimated)	
<i>Scolecophagus</i>		2	1990-92
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			

TABLE 4 - 72 NESTING CENSUS FOR SPECIES *SCAPHIOPUS* - Jarvis Island
(none)

Please complete one of these tables to summarize census data for each team listed in Table 3. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as described in Table 3.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Flight (Average)	Nests/Season (Estimated)	
<i>Scolecophagus</i>		71	1990-92
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			

TABLE 4 - 74 NESTING CENSUS FOR SPECIES *SCAPHIOPUS* - Wilson Island
(none)

Please complete one of these tables to summarize census data for each team listed in Table 3. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as described in Table 3.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Flight (Average)	Nests/Season (Estimated)	
<i>Scolecophagus</i>		19	1990-92
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			

TABLE 4 - 75 NESTING CENSUS FOR SPECIES *SCAPHIOPUS* - Pearl and Hermes Island
(none)

Please complete one of these tables to summarize census data for each team listed in Table 3. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as described in Table 3.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Flight (Average)	Nests/Season (Estimated)	
<i>Scolecophagus</i>		155	1990-92
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			

TABLE 4 - 76 NESTING CENSUS FOR SPECIES *SCAPHIOPUS* - St. John Island
(none)

Please complete one of these tables to summarize census data for each team listed in Table 3. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as described in Table 3.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Right (Average)	Nests/Season (Estimated)	
<i>Sterna bergii</i>		42	1980-82
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			

TABLE 4 - 25 NESTING COUNTRIES FOR EACH SOUTH CAROLINA: Little Cayman Island (none)

Please complete one of these tables to complete census data for each beach listed in Table 2. Number tables sequentially (4-1, 4-2, 4-3, etc.) as numbered in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Right (Average)	Nests/Season (Estimated)	
<i>Sterna bergii</i>		128	1981
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			

TABLE 4 - 26 NESTING COUNTRIES FOR EACH SOUTH CAROLINA: Frijoles Island (none)

Please complete one of these tables to complete census data for each beach listed in Table 2. Number tables sequentially (4-1, 4-2, 4-3, etc.) as numbered in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Right (Average)	Nests/Season (Estimated)	
<i>Sterna bergii</i>		125	1980-82
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			

TABLE 4 - 27 NESTING COUNTRIES FOR EACH SOUTH CAROLINA: Prichards Island (none)

Please complete one of these tables to complete census data for each beach listed in Table 2. Number tables sequentially (4-1, 4-2, 4-3, etc.) as numbered in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Right (Average)	Nests/Season (Estimated)	
<i>Sterna bergii</i>		125	1981
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			

TABLE 4 - 28 NESTING COUNTRIES FOR EACH SOUTH CAROLINA: Barker Island, Hunting Island (none)

Please complete one of these tables to complete census data for each beach listed in Table 2. Number tables sequentially (4-1, 4-2, 4-3, etc.) as numbered in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF BIRD COLLECTION
	WATER/ROCK (Average)	WATER/ROCK (Estimated)	
<i>Sterna bergii</i>		29	1960-62
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			

TABLE 4 - AL. NESTING COMES FOR BIRD SOUTH CAROLINA. River Island
(none)

Please complete one of these tables to summarize census data for each year listed in Table 1. Number tables sequentially (4-1, 4-2, 4-3, etc.) as described in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF BIRD COLLECTION
	WATER/ROCK (Average)	WATER/ROCK (Estimated)	
<i>Sterna bergii</i>		35	1961
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			

TABLE 4 - AL. NESTING COMES FOR BIRD SOUTH CAROLINA. Edisto Island
(none)

Please complete one of these tables to summarize census data for each year listed in Table 1. Number tables sequentially (4-1, 4-2, 4-3, etc.) as described in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF BIRD COLLECTION
	WATER/ROCK (Average)	WATER/ROCK (Estimated)	
<i>Sterna bergii</i>		12	1960-62
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			

TABLE 4 - AL. NESTING COMES FOR BIRD SOUTH CAROLINA. Pine Island
(none)

Please complete one of these tables to summarize census data for each year listed in Table 1. Number tables sequentially (4-1, 4-2, 4-3, etc.) as described in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF BIRD COLLECTION
	WATER/ROCK (Average)	WATER/ROCK (Estimated)	
<i>Sterna bergii</i>		65	1961
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			

TABLE 4 - AL. NESTING COMES FOR BIRD SOUTH CAROLINA. Edisto Island Beach
(none)

Please complete one of these tables to summarize census data for each year listed in Table 1. Number tables sequentially (4-1, 4-2, 4-3, etc.) as described in Table 2.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Sterna fuscata</i>		127	1971
<i>Sterna fuscata</i>			
<i>Sterna fuscata</i>			
<i>Sterna fuscata</i>			
<i>Sterna fuscata</i>			
<i>Sterna fuscata</i>			

TABLE 4 - NESTING CENSUS FOR BIRD SOUTH CAROLINA: Beaufort Bay Island
(none)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Sterna fuscata</i>		160	1972 - 81
<i>Sterna fuscata</i>			
<i>Sterna fuscata</i>			
<i>Sterna fuscata</i>			
<i>Sterna fuscata</i>			
<i>Sterna fuscata</i>			

TABLE 4 - NESTING CENSUS FOR BIRD SOUTH CAROLINA: Stonewall Island
(none)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Sterna fuscata</i>		24	1980-82
<i>Sterna fuscata</i>			
<i>Sterna fuscata</i>			
<i>Sterna fuscata</i>			
<i>Sterna fuscata</i>			
<i>Sterna fuscata</i>			

TABLE 4 - NESTING CENSUS FOR BIRD SOUTH CAROLINA: Sandbrook Island
(none)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Sterna fuscata</i>		17	1980-82
<i>Sterna fuscata</i>			
<i>Sterna fuscata</i>			
<i>Sterna fuscata</i>			
<i>Sterna fuscata</i>			
<i>Sterna fuscata</i>			

TABLE 4 - NESTING CENSUS FOR BIRD SOUTH CAROLINA: Folly Beach
(none)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Estimated (Average)	Actual/Season (Estimated)	
<i>Sterna bergii</i>		9	1900-02
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			

TABLE 4 - 10 NESTING COMES FOR SPECIES *Sterna bergii*, Harris Island
(none)

Please complete one of these tables to summarize census data for each species listed in Table 3. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as described in Table 3.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Estimated (Average)	Actual/Season (Estimated)	
<i>Sterna bergii</i>		0	1900-02
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			

TABLE 4 - 01 NESTING COMES FOR SPECIES *Sterna bergii*, Sullivan's Island
(none)

Please complete one of these tables to summarize census data for each species listed in Table 3. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as described in Table 3.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Estimated (Average)	Actual/Season (Estimated)	
<i>Sterna bergii</i>		19	1900-02
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			

TABLE 4 - 19 NESTING COMES FOR SPECIES *Sterna bergii*, Isle of John
(none)

Please complete one of these tables to summarize census data for each species listed in Table 3. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as described in Table 3.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Estimated (Average)	Actual/Season (Estimated)	
<i>Sterna bergii</i>		5	1900-02
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			

TABLE 4 - 01 NESTING COMES FOR SPECIES *Sterna bergii*, Brown Island
(none)

Please complete one of these tables to summarize census data for each species listed in Table 3. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as described in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Sterna fuscata</i>		33	1980-82
<i>Sterna fuscata</i>			
<i>Sterna fuscata</i>			
<i>Sterna fuscata</i>			
<i>Sterna fuscata</i>			
<i>Sterna fuscata</i>			

TABLE 4 - 52 NESTING CENSUS PER BEACH SOUTH CAROLINA: Capers Island
(none)

Please complete one of these tables to summarize census data for each beach listed in Table 1. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as enumerated in Table 2.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Sterna fuscata</i>		115	1975 - 81
<i>Sterna fuscata</i>			
<i>Sterna fuscata</i>			
<i>Sterna fuscata</i>			
<i>Sterna fuscata</i>			
<i>Sterna fuscata</i>			

TABLE 4 - 54 NESTING CENSUS PER BEACH SOUTH CAROLINA: Beeson Key
(none)

Please complete one of these tables to summarize census data for each beach listed in Table 1. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as enumerated in Table 2.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Sterna fuscata</i>		60	1975 - 81
<i>Sterna fuscata</i>			
<i>Sterna fuscata</i>			
<i>Sterna fuscata</i>			
<i>Sterna fuscata</i>			
<i>Sterna fuscata</i>			

TABLE 4 - 55 NESTING CENSUS PER BEACH SOUTH CAROLINA: Bulls Island
(none)

Please complete one of these tables to summarize census data for each beach listed in Table 1. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as enumerated in Table 2.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Sterna fuscata</i>		207	1980 - 82
<i>Sterna fuscata</i>			
<i>Sterna fuscata</i>			
<i>Sterna fuscata</i>			
<i>Sterna fuscata</i>			
<i>Sterna fuscata</i>			

TABLE 4 - 56 NESTING CENSUS PER BEACH South Carolina: Lighthouse Island
(none)

Please complete one of these tables to summarize census data for each beach listed in Table 1. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as enumerated in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Flight (Average)	Nests/Season (Estimated)	
<i>Scolecophagus</i>		1,000	1973 - 81
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			

TABLE 4 - 24 NESTING COMES FOR SEASON SOUTH CAROLINA, Cedar Island (none)

Please complete one of these tables to summarize census data for each season listed in Table 2. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Flight (Average)	Nests/Season (Estimated)	
<i>Scolecophagus</i>		95	1980-82
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			

TABLE 4 - 27 NESTING COMES FOR SEASON SOUTH CAROLINA, Denville Island (none)

Please complete one of these tables to summarize census data for each season listed in Table 2. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Flight (Average)	Nests/Season (Estimated)	
<i>Scolecophagus</i>		120	1980-82
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			

TABLE 4 - 28 NESTING COMES FOR SEASON SOUTH CAROLINA, Cedar Island (none)

Please complete one of these tables to summarize census data for each season listed in Table 2. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Flight (Average)	Nests/Season (Estimated)	
<i>Scolecophagus</i>		130	1977 - 82
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			

TABLE 4 - 29 NESTING COMES FOR SEASON SOUTH CAROLINA, South Island (none)

Please complete one of these tables to summarize census data for each season listed in Table 2. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 2.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Sterna bergii</i>		250	1977-82
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			

TABLE 4 - 103 NESTING CENSUS PER SEASON SOUTH CAROLINA, Sand Island
(none)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Sterna bergii</i>		25	1980-82
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			

TABLE 4 - 103 NESTING CENSUS PER SEASON SOUTH CAROLINA, Duhon Island
(none)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Sterna bergii</i>		100	1977
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			

TABLE 4 - 103 NESTING CENSUS PER SEASON SOUTH CAROLINA, North Island
(none)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Sterna bergii</i>		35	1980-82
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			

TABLE 4 - 103 NESTING CENSUS PER SEASON SOUTH CAROLINA, Grand Street
(none)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Coccyzus erythrorhynchos</i>	-	1	June July 1979-82
<i>Colinus virginianus</i>			
<i>Spizella socialis</i>			
<i>Sceloporus undecimlineatus</i>			
<i>Lanius ludovicianus excubitorides</i>			
<i>Lanius ludovicianus excubitorides</i>			

TABLE 4 - 101. NESTING CENSUS FOR BROWN NORTH CAROLINA: Sunset Beach (none)

Please complete one of these tables to summarize census data for each species listed in Table 3. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as described in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Coccyzus erythrorhynchos</i>	-	1	June July 1979 - 82
<i>Colinus virginianus</i>			
<i>Spizella socialis</i>			
<i>Sceloporus undecimlineatus</i>			
<i>Lanius ludovicianus excubitorides</i>			
<i>Lanius ludovicianus excubitorides</i>			

TABLE 4 - 102. NESTING CENSUS FOR BROWN NORTH CAROLINA: Holden Beach (none)

Please complete one of these tables to summarize census data for each species listed in Table 3. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as described in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Coccyzus erythrorhynchos</i>	-	2	June - July 1982
<i>Colinus virginianus</i>			
<i>Spizella socialis</i>			
<i>Sceloporus undecimlineatus</i>			
<i>Lanius ludovicianus excubitorides</i>			
<i>Lanius ludovicianus excubitorides</i>			

TABLE 4 - 103. NESTING CENSUS FOR BROWN NORTH CAROLINA: Swan Isle Beach (none)

Please complete one of these tables to summarize census data for each species listed in Table 3. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as described in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Coccyzus erythrorhynchos</i>	-	4	June, July, Aug. 1979 - 82
<i>Colinus virginianus</i>			
<i>Spizella socialis</i>			
<i>Sceloporus undecimlineatus</i>			
<i>Lanius ludovicianus excubitorides</i>			
<i>Lanius ludovicianus excubitorides</i>			

TABLE 4 - 104. NESTING CENSUS FOR BROWN NORTH CAROLINA: Oak Island (none)

Please complete one of these tables to summarize census data for each species listed in Table 3. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as described in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Right (Average)	Nests/Season (Estimated)	
<i>Sterna fuscata</i>	-	52	May, June, July, August 1977 - 82
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			

TABLE 4 - 110 NESTING CENSUS PER BEACH NORTH CAROLINA: Baldhead Island (Smith Island) (none)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as numbered in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Right (Average)	Nests/Season (Estimated)	
<i>Sterna fuscata</i>	-	3	June July 1979 - 82
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			

TABLE 4 - 110 NESTING CENSUS PER BEACH NORTH CAROLINA: Baldhead Island to Currituck Beach Inlet (none)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as numbered in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Right (Average)	Nests/Season (Estimated)	
<i>Sterna bergii</i>		1	June, July 1977-80
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			

TABLE 4 - 109 NESTING CENSUS PER BEACH NORTH CAROLINA: Currituck Beach Inlet to Currituck Inlet (none)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as numbered in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Right (Average)	Nests/Season (Estimated)	
<i>Sterna bergii</i>	-	2	June, July 1979 - 82
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			
<i>Sterna bergii</i>			

TABLE 4 - 111 NESTING CENSUS PER BEACH NORTH CAROLINA: Manteo Beach to Duck Creek Inlet (none)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as numbered in Table 3.

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SPECIES	NUMBER OF NESTS		DATES OF BIRD COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Scolecophagus</i>	-	6	June-July 1979 - 82
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			

TABLE 4 - 112 NESTING CENSUS FOR SPECIES *SCOLECOPHAGUS* (North Carolina) - June Eight Island
(none)

Please complete one of these tables to summarize census data for each island listed in Table 2. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as enumerated in Table 2.

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SPECIES	NUMBER OF NESTS		DATES OF BIRD COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Scolecophagus</i>	-	15	June-July, August 1979 - 82
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			

TABLE 4 - 113 NESTING CENSUS FOR SPECIES *SCOLECOPHAGUS* (North Carolina) - June Eight Island
(none)

Please complete one of these tables to summarize census data for each island listed in Table 2. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as enumerated in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF BIRD COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Scolecophagus</i>	-	1	May, July, August 1979 - 82
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			

TABLE 4 - 114 NESTING CENSUS FOR SPECIES *SCOLECOPHAGUS* (North Carolina) - June Eight Island
(none)

Please complete one of these tables to summarize census data for each island listed in Table 2. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as enumerated in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF BIRD COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
<i>Scolecophagus</i>	-	62	May, June, July, August 1979 - 82
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			
<i>Scaphiopus</i>			

TABLE 4 - 115 NESTING CENSUS FOR SPECIES *SCOLECOPHAGUS* (North Carolina) - June Eight Island
(none)

Please complete one of these tables to summarize census data for each island listed in Table 2. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as enumerated in Table 2.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (average)	Nests/Season (estimated)	
<i>Scolecophagus</i>	-	10	June, July, August 1975 - 82
<i>Scaphiopus</i>			
<i>Desmognathus</i>			
<i>Desmognathus</i>			
<i>Desmognathus</i>			
<i>Desmognathus</i>			
<i>Desmognathus</i>			

TABLE 4 - 116 NESTING CENSUS FOR SPECIES NORTH CAROLINA: Green Island
(none)

Please complete one of these tables to summarize census data for each beach listed in Table 2. Number tables sequentially (4-1, 4-2, 4-3, etc.) as described in Table 2.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (average)	Nests/Season (estimated)	
<i>Scolecophagus</i>	-	10	May, June, July, August 1975 - 82
<i>Scaphiopus</i>			
<i>Desmognathus</i>			
<i>Desmognathus</i>			
<i>Desmognathus</i>			
<i>Desmognathus</i>			
<i>Desmognathus</i>			

TABLE 4 - 117 NESTING CENSUS FOR SPECIES NORTH CAROLINA: Jones Beach
(none)

Please complete one of these tables to summarize census data for each beach listed in Table 2. Number tables sequentially (4-1, 4-2, 4-3, etc.) as described in Table 2.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (average)	Nests/Season (estimated)	
<i>Scolecophagus</i>	-	50	May, June, July, August 1975 - 82
<i>Scaphiopus</i>			
<i>Desmognathus</i>			
<i>Desmognathus</i>			
<i>Desmognathus</i>			
<i>Desmognathus</i>			
<i>Desmognathus</i>			

TABLE 4 - 118 NESTING CENSUS FOR SPECIES NORTH CAROLINA: Bear Island
(none)

Please complete one of these tables to summarize census data for each beach listed in Table 2. Number tables sequentially (4-1, 4-2, 4-3, etc.) as described in Table 2.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (average)	Nests/Season (estimated)	
<i>Scolecophagus</i>	-	3	June, July, August 1970 - 82
<i>Scaphiopus</i>			
<i>Desmognathus</i>			
<i>Desmognathus</i>			
<i>Desmognathus</i>			
<i>Desmognathus</i>			
<i>Desmognathus</i>			

TABLE 4 - 119 NESTING CENSUS FOR SPECIES NORTH CAROLINA: Shackleford Banks
(none)

Please complete one of these tables to summarize census data for each beach listed in Table 2. Number tables sequentially (4-1, 4-2, 4-3, etc.) as described in Table 2.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION May, June, July, August 1976 - 82
	Nests/Wing (Average)	Nests/Person (Estimated)	
<i>Scolecophagus</i>		25	
<i>Colletes</i>			
<i>Stenobothrus</i>			
<i>Stenobothrus</i>			
<i>Leptothorax</i>			
<i>Leptothorax</i>			

TABLE 4 - 129 NESTING COLLETS PER NESTOR NORTH CAROLINA: Core Banks (incl. Cape Lookout)
(none)

Please complete one of these tables to summarize census data for each nest listed in Table 2. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as enumerated in Table 2.

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SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION May, June, July, August 1971 - 82
	Nests/Wing (Average)	Nests/Person (Estimated)	
<i>Scolecophagus</i>		30	
<i>Colletes</i>			
<i>Stenobothrus</i>			
<i>Stenobothrus</i>			
<i>Leptothorax</i>			
<i>Leptothorax</i>			

TABLE 4 - 122 NESTING COLLETS PER NESTOR NORTH CAROLINA: Hatteras Island (incl. Pea Island)
(none)

Please complete one of these tables to summarize census data for each nest listed in Table 2. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as enumerated in Table 2.

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SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION May, June, July, August 1975 - 82
	Nests/Wing (Average)	Nests/Person (Estimated)	
<i>Scolecophagus</i>		4	
<i>Colletes</i>			
<i>Stenobothrus</i>			
<i>Stenobothrus</i>			
<i>Leptothorax</i>			
<i>Leptothorax</i>			

TABLE 4 - 121 NESTING COLLETS PER NESTOR NORTH CAROLINA: Graceland Island
(none)

Please complete one of these tables to summarize census data for each nest listed in Table 2. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as enumerated in Table 2.

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SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION June, July, August 1979 - 82
	Nests/Wing (Average)	Nests/Person (Estimated)	
<i>Scolecophagus</i>		1	
<i>Colletes</i>			
<i>Stenobothrus</i>			
<i>Stenobothrus</i>			
<i>Leptothorax</i>			
<i>Leptothorax</i>			

TABLE 4 - 122 NESTING COLLETS PER NESTOR NORTH CAROLINA: Bulls Island
(none)

Please complete one of these tables to summarize census data for each nest listed in Table 2. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as enumerated in Table 2.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Right (Average)	Nests/Season (Estimated)	
<i>Corvus corax</i>		2	June July 1979 - 82
<i>Colinus virginianus</i>			
<i>Perisoreus canadensis</i>			
<i>Geothlypis trichas</i>			
<i>Ammodramus leucurus</i>			
<i>Ammodramus alpestris</i>			

TABLE 4 - 124 NESTING CENSUS FOR SEASON NORTH CAROLINA: Corvaceae Birds (No. line) in White Sand Junction
(none)

Please complete one of these tables to summarize census data for each band listed in Table 2. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as enumerated in Table 2.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Right (Average)	Nests/Season (Estimated)	
<i>Corvus corax</i>		1	July 1982
<i>Colinus virginianus</i>			
<i>Perisoreus canadensis</i>			
<i>Geothlypis trichas</i>			
<i>Ammodramus leucurus</i>			
<i>Ammodramus alpestris</i>			

TABLE 4 - 125 NESTING CENSUS FOR SEASON VIRGINIA: Red Jay National Wildlife Refuge
(none)

Please complete one of these tables to summarize census data for each band listed in Table 2. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as enumerated in Table 2.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Right (Average)	Nests/Season (Estimated)	
<i>Corvus corax</i>		1	Not Recorded
<i>Colinus virginianus</i>			
<i>Perisoreus canadensis</i>			
<i>Geothlypis trichas</i>			
<i>Ammodramus leucurus</i>			
<i>Ammodramus alpestris</i>			

TABLE 4 - 126 NESTING CENSUS FOR SEASON VIRGINIA: John Day State Park
(none)

Please complete one of these tables to summarize census data for each band listed in Table 2. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as enumerated in Table 2.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Right (Average)	Nests/Season (Estimated)	
<i>Corvus corax</i>		2	Not Recorded
<i>Colinus virginianus</i>			
<i>Perisoreus canadensis</i>			
<i>Geothlypis trichas</i>			
<i>Ammodramus leucurus</i>			
<i>Ammodramus alpestris</i>			

TABLE 4 - 127 NESTING CENSUS FOR SEASON VIRGINIA: Peaks of Mt. Rogers
(none)

Please complete one of these tables to summarize census data for each band listed in Table 2. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as enumerated in Table 2.

SPECIES	NUMBER OF EGGS		DATES OF DATA COLLECTION
	Eggs/Flight (Average)	Eggs/Season (Estimated)	
<i>Scutella sericea</i>	-	1	Not Recorded
<i>Scutella nuda</i>			
<i>Scutellus sericeus</i>			
<i>Scutellus sericeus</i>			
<i>Scutellus nuda</i>			
<i>Scutellus albicans</i>			

TABLE 4 - 125-EGG DATA FOR SPECIES *Scutella*. *Scutellus*. (cont.)

Please complete one of these tables to summarize census data for each host living in Table 2. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as indicated in Table 2.

SPECIES	NUMBER OF EGGS		DATES OF DATA COLLECTION
	Eggs/Flight (Average)	Eggs/Season (Estimated)	
<i>Scutella sericea</i>	-	less than 1	July 1968
<i>Scutella nuda</i>			
<i>Scutellus sericeus</i>			
<i>Scutellus sericeus</i>			
<i>Scutellus nuda</i>			
<i>Scutellus albicans</i>			

TABLE 4 - 125-EGG DATA FOR SPECIES *Scutella*. *Scutellus*. (cont.)

Please complete one of these tables to summarize census data for each host living in Table 2. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as indicated in Table 2.

SPECIES	NUMBER OF EGGS		DATES OF DATA COLLECTION
	Eggs/Flight (Average)	Eggs/Season (Estimated)	
<i>Scutella sericea</i>	-	1	July 1962
<i>Scutella nuda</i>			
<i>Scutellus sericeus</i>			
<i>Scutellus sericeus</i>			
<i>Scutellus nuda</i>			
<i>Scutellus albicans</i>			

TABLE 4 - 125-EGG DATA FOR SPECIES *Scutella*. *Scutellus*. (cont.)

Please complete one of these tables to summarize census data for each host living in Table 2. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as indicated in Table 2.

SPECIES	NUMBER OF EGGS		DATES OF DATA COLLECTION
	Eggs/Flight (Average)	Eggs/Season (Estimated)	
<i>Scutella sericea</i>	-	1	July 1975 - 82
<i>Scutella nuda</i>			
<i>Scutellus sericeus</i>			
<i>Scutellus sericeus</i>			
<i>Scutellus nuda</i>			
<i>Scutellus albicans</i>			

TABLE 4 - 125-EGG DATA FOR SPECIES *Scutella*. *Scutellus*. *Scutellus*. (cont.)

Please complete one of these tables to summarize census data for each host living in Table 2. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as indicated in Table 2.

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SPECIES	NUMBER OF NESTS		DATES OF BIRD COLLECTION
	Nests/Night (Average)	Nests/Person (Estimated)	
<i>Caretta caretta</i>	-	1	1977 - 79
<i>Chelonia mydas</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemel</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4 - 124 NESTING COUNTS PER BIRD (HAWAII): ASSISTANT NATIONAL SECRETARY
(none)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as enumerated in Table 2.

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SPECIES	NUMBER OF NESTS		DATES OF BIRD COLLECTION
	Nests/Night (Average)	Nests/Person (Estimated)	
<i>Caretta caretta</i>	-	less than 1	1972
<i>Chelonia mydas</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemel</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4 - 124 NESTING COUNTS PER BIRD (NEW JERSEY): SCOTT CITY
(none)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as enumerated in Table 2.

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SPECIES	NUMBER OF NESTS		DATES OF BIRD COLLECTION
	Nests/Night (Average)	Nests/Person (Estimated)	
<i>Caretta caretta</i>	-	less than 1	1990
<i>Chelonia mydas</i>			
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kemel</i>			
<i>Lepidochelys olivacea</i>			

TABLE 4 - 124 NESTING COUNTS PER BIRD (NEW JERSEY): ISLAND JEWEL STATE PARK IN SEATTLE PARK
(none)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (e.g., 4-1, 4-2, 4-3, etc.) as enumerated in Table 2.

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DATE	BEACHES SURVEYED	NUMBER OF NESTING TRACKS (1)						
		Cc	Ca	C	Li	Lo	La	Lo
May 1980	North Carolina (NC)	1						
-	South Carolina (SC)	0						
-	Georgia (Ga)	0						
-	Florida East Coast (FL)	27						
June 1980	NC	2						
-	SC	00						
-	Ga	38						
-	FL	72						
July 1980	NC	14						
-	SC	08						

TABLE 5-1 AERIAL BEACH SURVEY SUMMARY
Give any additional information available from aerial surveys. Information should include ground truth observation if collected.

(2) Records of fresh nest crawls for *Caretta caretta* only.

Section Abbreviations:
Cc *Caretta caretta*
Ca *Chelonia mydas*
C *Eretmochelys imbricata*
Li *Lepidochelys kemel*
Lo *Lepidochelys olivacea*

DATE	RACES SHIPPED	RACES OF RACING TRACKS (1)						
		GA	FL	NC	SC	GA	FL	NC
July 1960								
"								
August 1960								
"								
"								
"								
5/25/62								
"								
"								
"								

TABLE 9-2 MEDIA, SUCH SURVEY SPENDING

Give any additional information available from serial surveys. Information should include ground truth observation if conducted.

Species Abbreviations:
 arctia arctia
 the lady spider
 bismarckia bismarckia
 leucophaea leucophaea
 leucophaea leucophaea
 leucophaea leucophaea

	SURVES OF MISSING TRACKS ()
	Ce Cs D E Fk G H O P Q R S T U V W X Y Z
BONE	MACHES SURVEYED
07/26/92 DE	12
" SC	81
" SA	60
6/28/92 Florida East Coast	50
" Florida West Coast	57
6/28/92 Alabama	2
" Mississippi	8
" Louisiana	8
" Texas	8

STAFF 5-3
AGRICULTURAL SURVEY SYSTEM
Give any additional information available from aerial survey. Information should include ground truth observation if conducted.

[illegible][illegible]

TABLE 5-4 AERIAL PHOTO SURVEY SUMMARY

Species Abbreviations:
Carex curvula
Chamaecrista
Bromus corymbosus
Elymus hirsutus
Lophochlaena
Orizoloma alvaresii

[illegible]

STATE _____ (Certified Data Table)

●

TABLE 6. AQUA BENCH SURVEY SUMMARY
(Supplementary maps)

Give any additional information available from aerial surveys.
Information should include ground truth observation if conducted.

SPECIES

Synthetic sea turtle aerial nesting beach surveys were conducted in 1980, repeated in 1982, and are being repeated during 1983. The Florida Survey--North Carolina, South Carolina, Georgia, and the Florida East Coast--is the dominant concentration of nesting by the hawksbill sea turtle, *Caretta caretta*, in the Atlantic area. The surveys are flown at about 10-day intervals from about late May through August. Ground truth is conducted at systematically selected beaches throughout the area.

A comprehensive report on these surveys is planned by the Miami Data Analysis Program of the Southeast Fisheries Center for September 1983.

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TABLE 6. ESTIMATED POPULATIONS OF NESTING FAMILIES.
(Supplementary maps)

Please give brief details on methods of estimation for Table 6.

Description of method of estimation of Estimated Populations of Nesting Families for the United States.

- 1) The estimated average numbers of total nests in one year (T) for recent years are:

State	Caretta Caretta	Caretta Caretta	Erycinichelys Erycinichelys	Lepidochelys Lepidochelys
TX	1	0	0	0
LA	0	0	0	0
MS	4	0	0	0
AL	1,277	0	0	0
GA	2,094	0	0	0
SC	4,136	0	0	0
NC	279	0	0	0
VA	0	0	0	0
DL	0	0	0	0
MD	1	0	0	0
DE	0	0	0	0
TOTALS:	28,793	28	0	0

- 2) The following factors were used for each species for the estimated average number of nests per season for families nesting that season (ns) and the average emigration interval (r):

Species	ns	r
C. caretta	2.3	2.3
C. mydas	2.8	2.8
E. erycinichelys	2.5	2.2
L. lepidochelys	2.5	2.5
L. kempi	1.3	1.3

= 3.3 for Georgia and South Carolina

- 3) The formula used was:

$$\left(\frac{T}{ns} \right) (r) = \text{nesting families in the population}$$

SPECIES	1982 Z	1980 Z	1980 Z	1982 Annual Average
<i>Caretta caretta</i>	28,793			28,793
<i>Erycinichelys</i>				182
<i>Lepidochelys</i>				38
<i>Lepidochelys olivacea</i>				2
<i>Lepidochelys olivacea</i>				1000
<i>Lepidochelys olivacea</i>				0

TABLE 6. ESTIMATED POPULATIONS OF NESTING FAMILIES.
Summarize the estimated number of nesting families for the years indicated and describe methods of estimation on the next page.

- 1) Estimates from aerial surveys from North Carolina through Florida East Coast; records for fresh nest counts of *Caretta caretta* only.
- 2) Estimates are Annual Average of Recent Years, primarily 1982-1987, with some records to 1981; based on beach surveys and some aerial surveys; obtained from the State Representatives for DE/MS and the US Recovery Plan for Sea Turtle Draft.

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NAME OF AREA (or give coordinates)	SPECIES POPULATIONS (line abbreviation approx. numbers)	NATURE OF EVIDENCE (Observation, Fishery, Incidental catch)
Area of Texas through Massachusetts.	Cc, Ca, La, Be, Eis (approx. numbers not available)	Pelagic and beach aerial surveys, vessel surveys, incidental catch surveys from fisheries and incidentals, beachings, boats and other sightings.
1. (Florida-North Carolina)	Cc-BA to 532 estimated at any time. Ca, La-rare.	Vessel surveys. The most abundant concentration of Cc known.
Cape Commercial Ship Channel on Florida Reef Coast.	6 mi long, 400 ft wide, 40 ft deep.	
2.		

TABLE 7. POPULATION AREAS INVENTORY

Note: The waters off the Atlantic and Gulf coasts of the United States, from Indiana to well offshore and in certain inland waters, comprise a foraging area for sea turtles. First details of foraging distribution (1982-83) are being compiled from pelagic aerial surveys.

Species Abbreviations:
Cc *Caretta caretta*
Ca *Caretta mydas*
E *Erycinichelys*
L *Lepidochelys*
La *Lepidochelys olivacea*
Lk *Lepidochelys kempi*

[illegible]

TABLE 9.—1. WINDS SPECIES PERCENT ON PASSIVE NETS.
2. PLASMA CRYSTAL COUNTS (PER 100) FOR EACH OF THE
AREAS IDENTIFIED IN TABLE 8. NUMBER EACH TABLE IS
CORRELATED IN TABLE 7 (1), 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827,

LOCATION (Give Lat. & Long. coordinates)	DATE	SPECIES AND EST. NOS. (abbreviations)	COMMENTS
Tues through Monsoons	summer spring fall	Ca, Be	Polaric aerial surveys here and one documenting offshore distributions seasonally.

MAIL 9. NON-RECOVERED BATTERIES AT SEA.
Please provide any information available on the
incidents of batteries in offshore areas.

[illegible]

TABLE 3. - 2. INADLE SPECIES PRESENT ON PONDWATER INSECT.
Please complete one of these tables for each of the
green identified in Table 2. Number each table as
enumerated in Table 2 (1-1, 2-2, etc.).
CASE CONTROL. CHARGE.

LAKE STATE ONLY	SPICES (where,)	CANNO	Cause of mortality (if of fish)
Salmon	Cc Cn Bc		Yield (salmon); head, eye, mouth (many rain, storm, hurricane); slight infection (salmon, small, other eye, control) structure; back (salmon); plant, eye, mouth, mouth, mouth (head, eye, mouth); Vertebrate predators (salmon, eye, mouth, mouth).
Salmon	Cc		Artificially feeding salmon of eating salmon. Small crabs, birds. Fish (including salmon). Feeding, or ingestion of petroleum and plastic products.
Salmon	Cc Cn Li		Feeding or ingestion of petroleum and plastic products. Sharks, other fishes, invertebrates, diseases. Chemical pollution.
Salmon (in water)	Cc Bc Li Li		Sharks, other fishes, invertebrates. Feeding or ingestion of petroleum and plastic products. Diseases.
Salmon (in water)	Cc Cn Bc Li Li		Estimated less than 0.015

[illegible]

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	1958	1962	1961	1960	TYPE OF FISHING ACTIVITY & METHOD OF ESTIMATION
<i>Scorpaenopsis</i>		I	I	I	Net collision. Gill nets (for shark, starry, & sea). Pound nets. Power plant counter fishing. Fish trawling. Hook & line fishing.
<i>Sebastes melanops</i>		I	I	I	Power plant counter fisheries. Hook and line fishing. Spearman fishing. Chisel dredging.
<i>Brevoortia patronus</i>		I	I	I	Pound nets. Fish trawling. Power plant counter fisheries. Longline fishing.
<i>Engraulis mordax</i>		I	I	I	Spearman fishing. Power plant counter fisheries.
<i>Merluccius langsdorfi</i>		I	I	I	Pound nets. Hook and line fishing.
<i>Leptocottus armatus</i>		0	0	0	

TABLE 19-3 ESTIMATED INCIDENTAL WHALE CATCH BY OTHER METHODS THAN SURVEY TRAINING.

X = Data insufficient to estimate numbers caught or killed.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	YEAR	TYPE OF FLYING ACTIVITY & METHOD OF ESTIMATION			
		1962	1961	1960	Japanese Time Location, WFS observers' records at 20% flying coverage (lines 5, 6)
<u><i>Corvus sinensis</i></u>			50	50	
<u><i>Corvus sinensis</i></u>			0	0	Same.
<u><i>Corvus sinensis</i></u>			30	30	Same.
<u><i>Corvus sinensis</i></u>					
<u><i>Corvus sinensis</i></u>					
<u><i>Corvus sinensis</i></u>			33	33	Same.
<u>Unidentified spp.</u>					

TABLE 10. ESTIMATED MONTHLY CATCH OF PIGEON FISHWORMS * AVERAGE OF 1979-1981 OBSERVATIONS

**TABLE 13. ESTIMATED TURTLE CATCH BY FOREIGN FISHERMEN
(Supplementary page)**

Please describe the type of foreign fishing in your waters and provide estimates for:

1. Number of foreign vessels catching turtles.
2. Number of foreign fishermen catching turtles.
3. Year of estimate.

7. Japanese tuna longliners incidentally catch sea turtles on longlines fished in the U.S. Fishery Conservation Zone. About 20 to 70 such vessels fish there seasonally. IWS fishery observers record all catches on about 20% of the vessels fishing. On those observer-covered vessels, all sea turtles alive when caught are immediately returned alive to the water; the mortality of the observer sample was 2%.

2. Each Japanese longliner has a crew of about 20.
3. The Table 13 estimates are from observer records for 1973-1981.

AMERICAN REPORT FOR THE UNITED STATES OF AMERICA

TABLE NUMBER	YEARS			CURRENT MARKET Price/Unit	METHODS OF DATA COLLECTION
	1982	1987	1998		
No. of eggs					
Mass (kg)					
Shell No./kg.					
Salmon No./kg.					
Survived juveniles					
Other					

NOTE: Sea turtle production in the United States ceased in 1978 with additional listings in the U. S. Endangered Species Act.

TABLE 19. OFFICIAL STATISTICS OF TURTLE PRODUCTION

OFFICIAL STATISTICS OF FISH AND MARINE MAMMALS
COMPLETE SET OF THREE TABLES FOR EACH SPECIES TAKEN IN THE FISHERY.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	HATCHERY OPERATIONS										HOLDING LIVE TURTLES	
	EGGS COLLECTED	EGGS HATCHED	NO. RELEASED	AGE AT RELEASE	NO. RETAINED	NO. OF ADULT TURTLES	ADULT TURTLES	ADULT TURTLES	ADULT TURTLES	ADULT TURTLES	ADULT TURTLES	ADULT TURTLES
<i>Caretta caretta</i>	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5
<i>Chelonia mydas</i>	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5
<i>Dermochelys coriacea</i>	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5
<i>Eretmochelys imbricata</i>	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5
<i>Lepidochelys kemel</i>	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5
<i>Lepidochelys olivacea</i>	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5

TABLE NUMBER 17 STATE TEXAS

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	HATCHERY OPERATIONS										HOLDING LIVE TURTLES	
	EGGS COLLECTED	EGGS HATCHED	NO. RELEASED	AGE AT RELEASE	NO. RETAINED	NO. OF ADULT TURTLES	ADULT TURTLES	ADULT TURTLES	ADULT TURTLES	ADULT TURTLES	ADULT TURTLES	ADULT TURTLES
<i>Caretta caretta</i>	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5
<i>Chelonia mydas</i>	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5
<i>Dermochelys coriacea</i>	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5
<i>Eretmochelys imbricata</i>	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5
<i>Lepidochelys kemel</i>	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5
<i>Lepidochelys olivacea</i>	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5

YEAR 1971-1982 STATE FLORIDA

TABLE 17 - TURTLE HATCHERY OPERATIONS
This table summarizes activities concerned with turtle culture for other conservation, population enhancement experiments, or commercial use. Activities to be included are: "hatchling", rearing, incubation and release, etc.
Prepare separate table for each year of available data.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	HATCHERY OPERATIONS										HOLDING LIVE TURTLES	
	EGGS COLLECTED	EGGS HATCHED	NO. RELEASED	AGE AT RELEASE	NO. RETAINED	NO. OF ADULT TURTLES	ADULT TURTLES	ADULT TURTLES	ADULT TURTLES	ADULT TURTLES	ADULT TURTLES	ADULT TURTLES
<i>Caretta caretta</i>	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5
<i>Chelonia mydas</i>	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5
<i>Dermochelys coriacea</i>	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5
<i>Eretmochelys imbricata</i>	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5
<i>Lepidochelys kemel</i>	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5
<i>Lepidochelys olivacea</i>	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5

YEAR 1981 - Cape Island

TABLE NUMBER 17 STATE SOUTH CAROLINA

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SPECIES	HATCHERY OPERATIONS										HOLDING LIVE TURTLES	
	EGGS COLLECTED	EGGS HATCHED	NO. RELEASED	AGE AT RELEASE	NO. RETAINED	NO. OF ADULT TURTLES	ADULT TURTLES	ADULT TURTLES	ADULT TURTLES	ADULT TURTLES	ADULT TURTLES	ADULT TURTLES
<i>Caretta caretta</i>	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5
<i>Chelonia mydas</i>	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5
<i>Dermochelys coriacea</i>	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5
<i>Eretmochelys imbricata</i>	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5
<i>Lepidochelys kemel</i>	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5
<i>Lepidochelys olivacea</i>	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5	1,170.5

YEAR 1971-1982 STATE GEORGIA

TABLE 17 - TURTLE HATCHERY OPERATIONS

This table summarizes activities concerned with turtle culture for other conservation, population enhancement experiments, or commercial use. Activities to be included are: "hatchling", rearing, incubation and release, etc.
Prepare separate table for each year of available data.

Table 17. Documentation for Turtle Relocation Operations

It is estimated that 25,000 to 35,000 loggerhead hatchlings are released each season from the documented Turtle Relocation Program on St. Johns, St. Andrew, and St. James, St. Vincent, and St. Lucia. The number of hatchlings released varies from 2,000 to 3,000, with a mean in the vicinity of 2,500. Thus, the approximate number of eggs collected each season ranges from 34,000 to 22,400.

Sample hatchlings consist of naturally formed, exposed down with sufficient villi to prevent premature hatching (ventral) and their incubation. Hatchling areas are marked with colored markers but are not covered in order to permit the full impact of ambient weather conditions during the incubation process.

Clutches of eggs are transferred to the hatchery site and released in sheltered nest sites within two hours of being laid. Hatchlings usually emerge from the nest cavity between 2200 and 2400 hours and are released shortly after midnight. Hatchlings are placed on the beach face and allowed to crawl approximately 50 m to the water's edge. Upon reaching the water, the hatchlings disperse immediately to sea and are never seen the following day. It is assumed that most of the released hatchlings are several miles offshore by sunrise.

TABLE NUMBER 17 STATE GERMANY

SPECIES	RESEARCH OPERATIONS				RELATIVE LIFE SPAN	
	NO. COLLECTED	NO. RELEASED	NO. AT RISK	NO. AT RISK	NO. OF ADULT TURTLES	NO. OF ADULT TURTLES
Caribbean monk seal	100	71	1 day	24 dead	0	1
Caribbean monk seal	100	71	1 day	24 dead	0	1
Caribbean monk seal	100	71	1 day	24 dead	0	1
Caribbean monk seal	100	71	1 day	24 dead	0	1
Caribbean monk seal	100	71	1 day	24 dead	0	1
Caribbean monk seal	100	71	1 day	24 dead	0	1

YEAR 1990

TABLE NUMBER 17 STATE SOUTH CAROLINA

SPECIES	RESEARCH OPERATIONS				RELATIVE LIFE SPAN	
	NO. COLLECTED	NO. RELEASED	NO. AT RISK	NO. AT RISK	NO. OF ADULT TURTLES	NO. OF ADULT TURTLES
Caribbean monk seal	16,740	12,379	3 days	1 night	1	1
Caribbean monk seal	16,740	12,379	3 days	1 night	1	1
Caribbean monk seal	16,740	12,379	3 days	1 night	1	1
Caribbean monk seal	16,740	12,379	3 days	1 night	1	1
Caribbean monk seal	16,740	12,379	3 days	1 night	1	1
Caribbean monk seal	16,740	12,379	3 days	1 night	1	1

YEAR 1991-1992 Island

TABLE NUMBER 17 STATE SOUTH CAROLINA

SPECIES	RESEARCH OPERATIONS				RELATIVE LIFE SPAN	
	NO. COLLECTED	NO. RELEASED	NO. AT RISK	NO. AT RISK	NO. OF ADULT TURTLES	NO. OF ADULT TURTLES
Caribbean monk seal	16,740	12,379	3 days	1 night	1	1
Caribbean monk seal	16,740	12,379	3 days	1 night	1	1
Caribbean monk seal	16,740	12,379	3 days	1 night	1	1
Caribbean monk seal	16,740	12,379	3 days	1 night	1	1
Caribbean monk seal	16,740	12,379	3 days	1 night	1	1
Caribbean monk seal	16,740	12,379	3 days	1 night	1	1

YEAR 1990 & 1991

TABLE NUMBER 17 STATE SOUTH CAROLINA

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

[illegible]

Table 18. Public and Private Institutions Concerned with Sea Turtle Conservation/Management/Utilization. Number of people and agencies involved with sea turtles by state and type of activity.

State	Re- quire Involved	Re- quire Involved	Private Road	State Survey	Stumping	Salvage	Aerial Survey	Tagging	Balance	Reestablishment	Protect Control	Grass	Tagging	Recovery	Recovery	State Road
North Carolina	23	13	2	0	7	1	2	1	0	7	0	0	0	2	1	0
South Carolina	22	7	1	4	4	1	1	1	1	4	2	1	1	1	1	0
Georgia	10	7	2	2	2	1	0	2	2	2	0	1	1	0	1	1
Florida	200	50	0	45	20	20	0	40	10	30	0	0	2	4	1	1
Alabama	3	0	0	2	2	0	0	0	0	2	0	0	0	0	0	0
Mississippi	2	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0
Louisiana	2	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Texas	34	0	2	2	2	1	1	1	1	1	1	1	1	2	1	1
Maine Island	5	1														
Connecticut	7	1														
New Jersey	0	0														
Virginia	3	0	2	0	0	1	1	1	1	1	1	1	1	1	1	1
Total	403	137	7	61	50	44	3	27	26	30	3	4	6	8	3	3

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

INSTITUTION OR ORGANIZATION NAME AND ADDRESS	NO. OF ACTIVE REVIEWS	ACTIVITIES IN PROGRESS
Turtle Watch Group Dept. of Zoology University of Rhode Island Kingston, RI 02881	5	Sea Turtle " " Pelagic surveys " " Behavioral studies " " Population studies

TRAIL NUMBER IS _____ STATE NUMBER IS 15,400

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

INSTITUTION OR ORGANIZATION NAME AND ADDRESS	NO. OF ACTIVE MEMBERS	ACTIVITIES IN PROGRESS
Padre Island National Seashore		patrolling, headstart, strandings
Tomb Parks and Wildlife		patrolling Parks, law enforcement
Aransas Wildlife Refuge		patrolling Networks and recording strandings
Ila Lectscher's Group		promoting turtle conservation by public relations programming and patrolling

TABLE 10. PUBLIC AND PRIVATE INSTITUTIONS CONCERNED IN THE TURTLE CONSERVATION/MANAGEMENT UTILIZATION

STAFF YEARS

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

INSTITUTION OR ORGANIZATION NAME AND ADDRESS	NO. OF ACTIVE MEMBERS	ACTIVITIES IN PROGRESS
US Fish Census, Delaware Lab. Chesapeake Bay	6	continued banding techniques.
State & F W Lab., College Station	3	efficiency reporting.
Greenville Sta., Greenville	3	meeting, sightings, exhibits.
Palmer Island National Seashore	3	meetings.

TABLE NUMBER 18 STATE MISSISSIPPI

3-473

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

INSTITUTION OR ORGANIZATION NAME AND ADDRESS	NO. OF ACTIVE MEMBERS	ACTIVITIES IN PROGRESS
Gulf Islands National Seashore 2000 Park Road Ocean Springs Mississippi 39064	10	Beach surveillance and patrol
Mississippi Bureau of Marine Resources Box 199 Long Beach Mississippi 39060	5	Legislation enforcement
Gulf Coast Research Laboratory Ocean Springs Mississippi 39064	14	monitoring
Marine Education Center Bay St. Louis Mississippi	5	monitoring

TABLE 19. PUBLIC AND PRIVATE INSTITUTIONS CONCERNED WITH WILDLIFE CONSERVATION/PROTECTION/UTILIZATION

State Mississippi

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

INSTITUTION OR ORGANIZATION NAME AND ADDRESS	NO. OF ACTIVE MEMBERS	ACTIVITIES IN PROGRESS
USFWS Lab. Tidewater Station		nesting survey, all feeding studies.

TABLE NUMBER 19 STATE MISSISSIPPI

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

INSTITUTION OR ORGANIZATION NAME AND ADDRESS	NO. OF ACTIVE MEMBERS	ACTIVITIES IN PROGRESS
USFWS Mississippi Lab. Pascagoula Gulf Island National Seashore	4 1	nesting survey, radio tracking. nesting, observations.

TABLE NUMBER 20 STATE MISSISSIPPI

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

NATION OR ORGANIZATION NAME AND ADDRESS	NO. OF ACTIVE MEMBERS	ACTIVITIES IN PROGRESS
State of South Alabama, Mobile Dauphin Island Bird Sanctuary Gulf Islands National Seashore	<ul style="list-style-type: none"> - - - 	Breeding, nesting, nesting, nesting, stormings.

TABLE NUMBER	STATE
39	ALABAMA

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

SUPPORTERS OR ORGANIZATIONS NAME AND ADDRESS	NO. OF ACTIVE MEMBERS	ACTIVITIES IN PROCESS
General National Board- Vittorville		meeting survey, tagging, stranding and salvaging.
Bake Sand National Wildlife Refuge, Lake Mead		meeting survey, tagging, stranding and salvaging, release nests.
BNA, 1000 Southwest Fishermen Cottages, Miami		rehabilitation.
St. Antonien National Humaneist St. Augustine		meeting survey, tagging stranding and salvaging, release nests.
Overglades National Park Immigrant		stranding and salvaging.
National Key Deer Refuge Key West, Fla		stranding and salvaging.
Little Tokey Island State Park Jacksonville		meeting survey, release nests, stranding and salvaging.
Pager Beach State Recreation Area, Flagler beach		meeting survey, release nests, stranding and salvaging.
Australia State Recreation Area St. Augustine		meeting survey, release nests, stranding and salvaging.
Washington State State Gardens St. Augustine		meeting survey, release nests, stranding and salvaging.
Palm Biv. of Recreation and Parks, District IV Admin- istration, Grand Beach		release nests, stranding and salvaging.

TABLE NUMBER 10 STATE FLORIDA

INSTITUTION OR ORGANIZATION NAME AND ADDRESS	NO. OF ACTIVE PERIODS	ACTIVITIES IN PERIODS
Florida Department of Mental Heservees and his parent heliers.	More than 100 periods Some with 20 weeks.	Hearing surveys, tagging, need relaxation, educational display, rehabilitation, head starting, attending and outline, research.

FILE NUMBER 44 STATE FLORIDA

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

INVESTIGATION OR RECONSTRUCTION NAME AND ADDRESS	ED. OF ALTIMA RECORDS	ACTIVITIES IN PROGRESS
Jetty Park, Cape Canaveral Fl. Clinch Shute Park Pompano Beach Coral Reef State Park & Key Largo, Key Largo		stranding and salvages. nesting survey, relocate nests, stranding and salvages. nesting survey, relocate nests, stranding and salvages.
Long Key State Recreation Area Long Key Saddle Shoals State Recreation Area, Big Pine Key John Pennekamp Coral Reef State Park, Key Largo		nesting survey, relocate nests, attending and salvages. nesting survey, relocate nests, stranding and salvages. relocate nests, stranding and salvages.
John S. Lloyd Beach State Re- creation Area, Bahia Sebastian Inlet State Recreat- ion Area, Melbourne Beach Fl. Pierce Inlet State Recreat- ion Area, Ft. Pierce		relocate nests, nesting survey, tagging. nesting survey, relocate nests. nesting survey, relocate nests.
Ed. Richard Z. Roberts Electric Motors, Inc., Bahia Sound Bill Huggs Cape Florida State Recreation Area, Key Biscayne U.S. Corps of Engineers 1111		relocate nests. nesting survey, relocate nests. turtle evidence and repulsion technique.

[illegible]

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

INSTITUTION OR ORGANIZATION NAME AND ADDRESS	NO. OF ACTIVE MEMBERS	ACTIVITIES IN PROGRESS
Cap St. George State Reserve Arlington, Va.		nesting survey, stranding and salvaging.
St. Thomas National Wildlife Refuge, Virgin Islands		nesting survey, tagging.
Colaba Island State Park Bombay, India		nesting survey, release nests, stranding and salvaging.
St. George Island State Park Bermuda		nesting survey, release nests, stranding and salvaging.
Wright Field State Reservation Dayton, Ohio		nesting survey, stranding and salvaging, release nests, stranding and salvaging.
USFWS Refuge Manager St. Petersburg, Fla.		

TABLE NUMBER 10 STATE FLORIDA

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

INSTITUTION OR ORGANIZATION NAME AND ADDRESS	NO. OF ACTIVE MEMBERS	ACTIVITIES IN PROGRESS
Florida Institute of Technology James Beach		evaluating banding techniques.
State of Central Florida, Dept. of Biological Sciences, Orlando		nesting survey, tagging, release nests, salvaging.
San Jose State University San Jose, Calif.		nesting survey, tagging, release nests.
State of Florida Dept. of Biologi- cal Sciences, Tallahassee		nesting survey, tagging, release nests, stranding and salvaging.
Florida International Univ. Tudman Campus, Miami		nesting survey, release nests, tagging, blood antigen studies for sea otter identification.
State of Miami, Dept. of Environ- mental Sciences, Miami		nesting survey, tagging, release nests, stranding and salvaging.
Florida Atlantic Univ., Dept. of Biology, Fort Lauderdale		nesting survey, tagging, release nests, stranding and salvaging.
Florida Inst. Technology, James Beach Campus, James Beach		banding rehabilitation

TABLE NUMBER 11 STATE FLORIDA

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

INSTITUTION OR ORGANIZATION NAME AND ADDRESS	NO. OF ACTIVE MEMBERS	ACTIVITIES IN PROGRESS
State Ch. Public Schools Miami		educational display.
State of Louisiana Louisiana		release nests.
South Carolina Dept. of Game and Fish, Columbia		release nests, salvaging, nesting survey.
City of New York New York		green turtle banding, public display, and rehabilitation.
City of New York New York		educational display.
City of New York New York		stranding and salvaging.
City of New York New York		stranding and salvaging.
City of New York New York		stranding and salvaging.
City of New York New York		release nests.
City of New York New York		stranding and salvaging.
City of New York New York		nest banding educational display.

TABLE NUMBER 12 STATE FLORIDA

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

INSTITUTION OR ORGANIZATION NAME AND ADDRESS	NO. OF ACTIVE MEMBERS	ACTIVITIES IN PROGRESS
Environmental Studies Center James Beach		educational display.
University of Miami, St. Augustine Campus, St. Augustine		public display and rehabilitation.
Applied Biology, James Beach Lighthouse, James Beach		release nests, nesting survey, rehabilitation.
University of Miami, Dept. of Biology, Coral Gables		nesting survey, release nests.
University of Miami, Dept. of Biology, Coral Gables		green turtle banding and rehabilitation.
University of Miami, Dept. of Biology, Coral Gables		public display, green turtle banding.
University of Miami, Dept. of Biology, Coral Gables		public display, rehabilitation, green turtle banding.
University of Miami, Dept. of Biology, Coral Gables		rehabilitation, tagging, stranding and salvaging.
University of Miami, Dept. of Biology, Coral Gables		educational display.

TABLE NUMBER 13 STATE FLORIDA

INSTITUTION OR ORGANIZATION NAME AND ADDRESS	NO. OF ACTIVE REPTILES	ACTIVITIES IN PROGRESS
Curtis Research, Inc., Sanibel Island Clearwater Marine Institute Clearwater The Shell Factory, Ft. Myers		nesting survey, tagging, public/educational displays, rehabilitation, public display and rehabilitation.
Reese Marine Lab., Sarasota Sarasota Sea Turtle Association Sarasota		public/educational display and rehabilitation releasate nests, banding survey, tagging.

TABLE NUMBER 10 STATE FLORIDA

INSTITUTION OR ORGANIZATION NAME AND ADDRESS	NO. OF ACTIVE REPTILES	ACTIVITIES IN PROGRESS
Peter Bunker, Belvidere Anna Marie Turtle Watch, Naples Beach James S. Parks, Redkey Beach		releasate nests, banding survey, attending and salvaging, nesting survey, releasate nests, attending and salvaging, banding survey and release.
Robert E. Adley, Perimeter Bch. Stetson Beach, Grand Beach		nesting survey, releasate nests, attending and salvaging, nesting survey, releasate nests, attending and salvaging.

TABLE NUMBER 10 STATE Florida

INSTITUTION OR ORGANIZATION NAME AND ADDRESS	NO. OF ACTIVE REPTILES	ACTIVITIES IN PROGRESS
Theresa of the Sea, Inc., Islamorada Atlantic Longneared Turtle Res. Jupiter Sealfish Marine, Palm Beach Beach House of Arts and Sciences Miami Turtle Enrich, Key West Tropical Indian Society, Inc., Miami Capt. Don's Marine, Miraflores The Science Museum, Ft. Palm Beach Donna Depicente, Key West Barber Branch Foundation P.O. Florida		educational display, green turtle banding, rehabilitation, attending and salvaging, nesting survey, releasate nests, tagging, seawater trekking, green turtle banding, public education, rehabilitation, attending and salvaging public/educational display, nesting survey, releasate nests, attending and salvaging, rehabilitation, artificial incubation and display, education, nesting tagging and tracking, public display/education, attending and salvaging.

TABLE NUMBER 10 STATE FLORIDA

INSTITUTION OR ORGANIZATION NAME AND ADDRESS	NO. OF ACTIVE REPTILES	ACTIVITIES IN PROGRESS
Mrs. Eleanor H. Fletcher, Juno Beach Burt L. Lawrence, Jupiter James Miller, Stuart Harold E. Toulson, Miami Susan L. Lawrence, Palm Beach Barbara H. Stalup, Billahero Beach Craig A. S. Harris, Broward County James Spaulding, South Truro Island Robert Miller, Palm Beach Dr. Carol Sullivan, Seaboard J. V. Smith, St. Augustine		releasate nests, nesting survey, educational display, releasate nests, nesting survey, PCB accumulation, captive transport in blood, releasate nests, green turtle banding, nesting survey, tagging, nesting survey, releasate nests, attending and salvaging, nesting survey, releasate nests, attending and salvaging, nesting survey, releasate nests, nesting survey, releasate nests, attending and salvaging.

TABLE NUMBER 10 STATE FLORIDA

WITNESS REPORT FOR THE UNITED STATES OF AMERICA

ORGANIZATION OR ORGANIZATIONS NAME AND ADDRESS	NO. OF ACTIVE HOBBS	ACTIVITY OR ACTIVITIES
<p>Central Georgia Audubon Society Mr. Norma McIlroy Director of Sea Turtle Activities P.O. Box 1462 Gainesville, GA 32609</p>	1	<p>Director of the Jekyll Island sea turtle tagging and conservation program, Jekyll Island, GA.</p>
<p>National Park Service Mr. Ray Gump Regional Director for Science and Technology Southwest Region Headquarters 25 Spring Street, S.W. Albuquerque, NM 87102</p>	2	<p>Responsible for marine turtle research and conservation projects on NPS refuge lands in Georgia.</p>
<p>USGS Fish and Wildlife Service Blackwood Island NM Mr. Gump John Island Manager P.O. Box 1017 Seaside, GA 32081</p>	1	<p>Director of the Blackwood Island sea turtle research and conservation program.</p>
<p>Unpublished and Classified Materials Inc., Atlanta, GA</p>	1	<p>Electrical equipment technicians</p>

STATE GEORGIA
TABLE NUMBER 10

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

INSTITUTION OR ORGANIZATION NAME AND ADDRESS	NO. OF ACTIVE PROJECTS	ACTIVITIES IN PROGRESS
South Carolina Wildlife and Marine Resources Department P. O. Box 12619 Charleston, SC 29412		<p>Predator Removal Predator Abandon Migration Sea Turtle Recovery Team Aerial surveys (Pelagic) Feeding - (Shale & Radio)</p> <p><u>Research Activities:</u></p> <p>Aerial Surveys (Shore) Nest/Coop Surveys Strandings Tagging (Compass prototype)</p>
		<p>Intercepting carcasses of female loggerheads</p> <p>Material Development Audio/Visual Presenta- tions</p>
		<p>Enforcement Permits</p> <p>Incidental Capture Bulwarking</p>
Washed Island Community Association P. O. Box 17916 Charleston, SC 29412		<p>Meeting surveys, hatchery, strandings Audio/Visual presentations</p>

STATE OF NEW YORK

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

INSTITUTION OR ORGANIZATION NAME AND ADDRESS	IN. OF ACTIVE PERSONS	ACTIVITIES IN SUMMARY
<p>Pan Island WEALSH Refuge P.O. Marine Bn. Ctr., Nassau Cape Satterlee Hall, Sandhurst Park Cape Satterlee Hall, Sandhurst Park</p>	<p>1 1 3-5 5-9</p>	<p>Mass drillings, were sent for bedding on beach. Mass drillings, give lectures, exhibit live turtles. Mass drillings, give lectures, exhibit aspects of turtle via slides, artifacts, etc. Mass drillings, meetings, bookshells before public 4th lecture, exhibit on Cape Satterlee; patrol beach each night; tag turtles. Mass drillings, exhibit live sea turtles, JAWPAP Informal, outdoor Coordinate activities; sets nets, bookshells, lectures on turtles, exhibit P.O. Marine Bn. Ctr. with attendants; conferences and Federal workshops, tag turtles (over and half) for egg growth, etc. studies. Lectures to public, patrol beaches on availability of sea turtles, JAWPAP, JAWPAP. Patrol beaches, sets attendings, protect nests, tag turtles, protect hatchlings. Lectures, tag turtles on returns with IM, exhibit turtles recovered into off effects on turtles (1962 only) monitor nesting Fly over for observation, entrance 3m, handle attend- ing with tag</p>
<p>P.O. Marine Bn. Ctr., Pan Hall Barracks Institute of Marine Sciences-IMP</p>	<p>3 1 5-9</p>	<p>Mass drillings, exhibit live sea turtles, JAWPAP Informal, outdoor Coordinate activities; sets nets, bookshells, lectures on turtles, exhibit P.O. Marine Bn. Ctr. with attendants; conferences and Federal workshops, tag turtles (over and half) for egg growth, etc. studies. Lectures to public, patrol beaches on availability of sea turtles, JAWPAP, JAWPAP. Patrol beaches, sets attendings, protect nests, tag turtles, protect hatchlings. Lectures, tag turtles on returns with IM, exhibit turtles recovered into off effects on turtles (1962 only) monitor nesting Fly over for observation, entrance 3m, handle attend- ing with tag</p>
<p>Cambridge Military Base, San Francisco P.O. Marine Bn. Ctr., Ft. Fisher SEC Washington Washington Island Camp P.O. Marine Bn. Ctr.</p>	<p>2</p>	<p>Mass drillings, exhibit live sea turtles, JAWPAP Informal, outdoor Coordinate activities; sets nets, bookshells, lectures on turtles, exhibit P.O. Marine Bn. Ctr. with attendants; conferences and Federal workshops, tag turtles (over and half) for egg growth, etc. studies. Lectures to public, patrol beaches on availability of sea turtles, JAWPAP, JAWPAP. Patrol beaches, sets attendings, protect nests, tag turtles, protect hatchlings. Lectures, tag turtles on returns with IM, exhibit turtles recovered into off effects on turtles (1962 only) monitor nesting Fly over for observation, entrance 3m, handle attend- ing with tag</p>

TABLE 2. SUMMARY OF NORTH CAROLINA STATE NORTH CAROLINA

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

Initiatives or organizations and agencies	No. of active members	Activities in progress
Marie Roman Stranding Center		
Historic Barrow's Bar Atlantic City, N.J.		

FILE NUMBER IS _____ STATE NEW JERSEY

ATTORNEY GENERAL FOR THE UNITED STATES OF AMERICA

Banker of State Parks and National Wildlife Refuges and Official Sea Service
 Insurances in cases
 to Tuxedo only two insurances are regularly pa-
 trolled by enforcement personnel.

	Base Price	Reduced and Special Inquiries	Official Sea Tonic Tablets	Superior Balm
Large	4	3	1-2	2
Small	4	3		
Small	4	3	1-2	0
Small	0	4	1-2	0
Small	0	0	0	0
Small	2	0	0	0
Small	1	0	0	0
Small	2	3	0	0
Small	3	0	0	0
Total	41	31	3-4	2

Only official one turtle sanctuary in United States is located off Brown, Bear and Oakley Islands, D.C. under Reg. 6.5, 113-137, 113-138, 113-139, 113-140, 113-141, 113-142, 113-143, 143-205 and Marine Fisheries, 6014.

NOTE - Temporary use turtle sanctuaries can be decreed by U.S. Marine Fisheries under sections 6.1, 11.1-14, 11.1-16, and Marine Fisheries Regulation 120C-20.011, such as off Redwood Island, April 1963.

100 - Includes Corps of National Marine Sanctuary officers of Georgia.

WOLF 19. Scoutmaster and Referee.

NATIONAL OFFICE FOR THE UNITED STATES OF AMERICA

NAME AND LOCATION	AREA SQ.	NUMBER (S) FOR PROTECTION	TYPE AND SPECIFICNESS OF PROTECTION
Cape Sable National Wildlife Refuge	750,000	All wildlife species	Fish & Wildlife Service Agents and Refuge personnel adequate
Timber Lake Wildlife Center	90,000	All wildlife species	U.S. Wildlife & Migr. Nat. Dept. officers
Sutton Coastal Reserve	127,030	All wildlife species	not adequate
			Sale as above
			7

2000

STATE SOUTH CAROLINA 2004

1

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

NAME AND LOCATION	AREA, km ²	REASON (S) FOR PROTECTION	TYPE AND EFFECTIVENESS OF MANAGEMENT
All Georgia coastal islands	111 km. linear distance	All sea turtles, their nests, eggs, and hatchlings are protected under Georgia's Sea-turtle Program and the U.S. Endangered Species Act of 1972.	Nest beaches are protected by all night patrols. Poaching is present but not serious.
All Georgia estuaries and marshland wetters.	736 km ²	U.S. Endangered Species Act of 1972.	Incidental catch and mortality is unacceptable and unacceptable.
Gray's Reef National Marine Sanctuary	44 km ²	Habitat protection.	Patrolled by GA Game warden. Enforcement good.

TABLE 19. SANCTUARIES AND REFUGES STATE PERMIT

NATIONAL BUREAU FOR THE UNITED STATES OF AMERICA

NAME AND LOCATION	AREA NO.	REASON (S) FOR PROTECTION	TYPE AND SPECIFICITY OF INFORMATION
U. S. San Torti, Sanctuary off Humboldt Beach and Boulder Beach Five miles inland to the River Inlet		Prevent use of boat mooring abacus in North Carolina from our shipping effects	U. S. Marine Fisheries enforcement, detected each year by law (Statute 1011), 1914 1 June-1 September Also referred by all very out of Camp before and back Court.
U. S. Marine Fisheries			Emergency source and various distances 1924C 30 .0111

STATE MOUNTAIN CLIMBING

Page 19

NAME AND LOCATION	AREA IN-S	NUMBER (a) FOR PROTECTION	TYPE AND EFFECTIVENESS OF ENFORCEMENT
Swamp National Wildlife Refuge Barnegat, N.J.	43.2	Endangered Species Act	Park Rangers
Delaware National Wildlife Refuge Barnegat, N.J.	28.3	Same	Park Rangers
Delaware National Wildlife Refuge Barnegat, N.J.	88.9	Same	Park Rangers

TABLE NUMBER 19

STATE NEW JERSEY

Page 11

TABLE NUMBER 19 STATE NEW JERSEY

Page 6

NAME AND LOCATION	AREA IN-S	NUMBER (a) FOR PROTECTION	TYPE AND EFFECTIVENESS OF ENFORCEMENT
Island Beach State Park Seaside Park, N.J.	13.6	Endangered Species Act	State Rangers
Goody Beach National Park Goody Beach, N.J.	28.3	Same	Park Rangers
Barnegat National Wildlife Refuge Barnegat, N.J.	88.9	Same	Park Rangers
Delaware National Wildlife Refuge Barnegat, N.J.	28.3	Same	Park Rangers
Delaware National Wildlife Refuge Barnegat, N.J.	88.9	Same	Park Rangers

NAME AND ADDRESS OF ORGANIZATION	NUMBER OF STAFF ASSIGNED TO TURTLES	COMMENTS ON LEVELS OF ENFORCEMENT
National Marine Fisheries Service National Oceanic and Atmospheric Administration U. S. Department of Commerce Washington DC 20513	(variable)	Enforcement level high. See supplementary table attached.
Fish and Wildlife Service U. S. Department of Interior Washington DC 20060	(multiple)	
Other Federal agencies involved are Coast Guard, Navy, National Parks Service, Customs.		
Many state agencies, towns through Massachusetts, are involved, as well as county and city agencies.		

TABLE 20.

REGULATORY AUTHORITY
Indicate all entities with statutory responsibility (e.g., Fish and Wildlife Service, State Police, Coast Guard, etc.)

The following information pertains to enforcement activities (rehabilitation, citation, prosecution). The majority of the cases cited concern sea turtle violations, however a few pertain to whale violations.

	1977	1978	1979	1980	1981	1982	1983 (to May)
No. of Citations	491	385	109	124	169	163	20
(Separate Cases)	474	383	101	109	112	79	19
Civil	479	246	86	113	110	88	14
Criminal	2	39	24	11	59	14	14
No. of Prosecutions	398	213	42	45	99	49	3 (Balance Pending)

* Decline in citations and prosecutions may reflect a decrease in endangered species enforcement activities in the US, due to increased fishery management regulation requirements.

TABLE 20. REGULATORY AUTHORITY -- Supplementary Table of Enforcement Activity, 1977-1983

Please list national, regional, and local legislation concerning wildlife management and conservation. List title, date, and stated purpose.

The Federal regulatory imperative is:

- 1) Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES)

- a) Adopted March 1, 1973 in Washington D.C.
b) Ratified January 7, 1975 in Washington D.C.
(all non parties listed on appendix 1)

- Endangered Species Conservation Act of 1969
(Public Law 91-135; 16, Stat. 875)

- 3) Endangered Species Act of 1973
(PL 93-205; 87, Stat. 884, effective 28 Dec., 1973

- | Amendment No. | Effective Date |
|---------------|----------------|
| 1 | 1/1/2010 |
| 2 | 1/1/2010 |
| 3 | 1/1/2010 |
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| 100 | 1/1/2010 |

PL 94-353	30 June, 1976
PL 94-299	12 July, 1976
PL 94-312	19 December, 1977
PL 94-429	10 November, 1978
PL 94-399	28 December, 1979
PL 97-395	13 October, 1982

Important Findings on Poverty

1. United States Navy
 2. United States Army
 3. United States Air Force
 4. United States Coast Guard
 5. United States Marine Corps
 6. United States Space Force
 7. United States Secret Service
 8. United States Intelligence Community
 9. United States Customs and Border Protection
 10. United States Department of Justice
 11. United States Department of State
 12. United States Department of Education
 13. United States Department of Health and Human Services
 14. United States Department of Agriculture
 15. United States Department of Energy
 16. United States Department of the Interior
 17. United States Department of Transportation
 18. United States Department of Labor
 19. United States Department of Housing and Urban Development
 20. United States Department of Veterans Affairs
 21. United States Department of Social Security
 22. United States Department of the Treasury
 23. United States Department of Commerce
 24. United States Department of the Environment
 25. United States Department of the Great Outdoors
 26. United States Department of the Arts
 27. United States Department of the Elderly
 28. United States Department of the Youth
 29. United States Department of the Future
 30. United States Department of the Past

Chalcids (above) (above) (above)
Chalcids (above) (above) (above)
Chalcids (above) (above) (above)

NATIONAL HOUSE FURNITURE SERVICE has jurisdiction for one turtle in the water.

PLEASE ADVISE BUREAU OF PERIODICALS FOR NEWSPAPER OR JOURNAL.

NATIONAL SPENT FOR THE UNITED STATES OF AMERICA

PROJECT TITLE	DATE		NAME & ADDRESS OF INSTITUTION & CHIEF INVESTIGATOR
	START	END	
Research: 1) Policy 2) Book publishing 3) Book production Education 1) Material development 2) Curriculum 3) Audio/visual presentations Simulation 2) Problem identification 3) Information-subject comments	1966	Cont.	Michael Weber, STSR Coordinator Fox Terrier Science Fund Center for Environmental Education 224 9th St., N.W. Washington, D. C. 20001 202/773-3660
Research: 1) Channel sampling 2) Beach nourishment	1969	Cont.	Lawrence P. Boulding, Biologist U.S. Army Engineer District, Jacksonville Environmental Resources Branch P.O. Box 1479 Jacksonville, FL 32222 904/764-2286

TABLE 21.
INTERNATIONAL RESEARCH PROJECTS
LIST CURTLE RESEARCH ACTIVITIES FUNDED WITHIN YOUR COUNTRY.

ANNUAL REPORT FOR THE UNITED STATES OF AMERICA

PROJECT TITLE	START	END	DATES	NAME & ADDRESS OF INSTITUTION & CHIEF INVESTIGATOR
<p><u>NATIONAL:</u></p> <p><u>Regional Coordination:</u></p> <ol style="list-style-type: none"> 1. Kemp's Ridley Bandstart 2. Banding 3. Tagging 4. Post/crud. surveys, population analysis. 5. Primary conflicts 6. Tracking (telemetry/radio) 7. Management Identification <p><u>Aerial surveys</u></p> <ol style="list-style-type: none"> 1. Quantify turtle populations for Western Atlantic Turtle Symposium <p><u>Regulation:</u></p> <ol style="list-style-type: none"> 1. Problem Identification 2. Banding 3. Sea turtle recovery plan 4. Consultation <p><u>Education:</u></p> <ol style="list-style-type: none"> 1. Material development 	1970			<p>Fred Berry, Marine Mammal & Seal. Sp. Program Manager National Marine Fisheries Service Southeast Fisheries Center 275 Virginia Beach Drive Miami, FL 33449 305-361-4376</p> <p>with research conducted at the following lab: Norfolk, N.C. (Sea Mammal); Charleston, N.C. (Spiny Headless); Panama City, FL (Larry Ogden); Bay St. Louis, MS (Bill Standif); Galveston, TX (Ray Manley)</p>
				<p>Chuck Owens, Fisheries Administrator National Marine Fisheries Service Southeast Region 9450 Regar Blvd., Naval Bldg. St. Petersburg, FL 34613 813/893-3566</p>

TABLE 29.
NATIONAL RESEARCH PRODUCTIVITY
List of the research activities funded within your country.

NATIONAL, REPORT FOR THE UNITED STATES OF AMERICA

PROJECT TITLE	START	DATES		NAME & ADDRESS OF INSTITUTION & CHIEF INVESTIGATOR
		END		
Research: 1) Protection of turtles found in water management project areas	•	•		William F. Adams, Biologist U.S. Army Engineer District, Washington P.O. Box 1800 Washington, DC 20402 915-343-4740
Research: 1) Kemp's ridley cooperative program (MX/Mexico) 2) Hawk relocation	1977		Cont.	Jack Rudy, David Thomas U.S. Fish and Wildlife Service Region 2 P.O. Box 1305 Albuquerque, N.M. 87109 505/766-1313

TABLE 2). NATIONAL RESEARCH PROJECTS
List turtle research activities funded within your country.

PROJECT TITLE	DATES		NAME & ADDRESS OF INSTITUTION & CHIEF INVESTIGATOR
	START	END	
Research: 1) Regional coordinators (wildlife refuges from Va. to La.) 2) Beach monitoring 3) Nest protection 4) Sea Turtle Recovery Team	1957	Cont.	Otto Florenberg, East Coast Biologist U.S. Fish and Wildlife Service P.O. Box 541 Washington, D.C. 27809 917/941-1465
Research: 1) Beach monitoring 2) Nest protection Monitored areas include: Unasaw Island NM, Slickhead Island NM, Serenah NM, Tybee Island NM, Bartle Neck NM, Wolf Island NM, Pritchard Island NM.	1976	Cont.	John Davis, John Hoffman, Dennis Wolf U.S. Fish and Wildlife Service South Carolina/Georgia Coastal Complex for Western Inland National Wildlife Refuges & Blackboard Island National Wildlife Refuge P.O. Box 9437 Savannah, GA 31412 912-964-4415
TEAM:			

TABLE 26. NATIONAL RESEARCH PROJECTS
List turtle research activities funded within your country.

PROJECT TITLE	DATES		NAME & ADDRESS OF INSTITUTION & CHIEF INVESTIGATOR
	START	END	
Research: 1) Beach monitoring (Cape Fear Island, FL)	1969	Cont.	Frank Lund Atlantic Loggerhead Turtle Research P.O. Box 541 Jupiter, FL 33456 305/544-7934
Research: 1) Regional coordinator 2) Beach monitoring 3) Nest protection	1981	Cont.	Robert Jettrop, Regional Coordinator 1812 Marine Dr. Perrine Beach, FL 32074 904/781-7409
Research: 1) Beach monitoring 2) Nest protection Education: 1) Beach walk	1977	Cont.	Richard E. Wolf, Chief Environmental Officer Boca Raton, City of Environmental Division 201 West Palmetto Park Road Boca Raton, FL 33432 305/995-7960
Research: 1) Beach monitoring 2) Nest protection Education: 1) Beach walk 2) Audio/visual shows 3) Exhibits	1978	Cont.	Donald Collins, Superintendent Cape Fear National Seashore Box 258 Tillemville, FL 32780 305/681-4475
Research: 1) Beach monitoring 2) Nest protection 3) Wildlife preservation 4) Habitat preservation 5) Litter cleanup 6) Audio/visual presentation 7) Enforcement	1980	Cont.	Capt. Carl R. Wilson Cape Florida State Recreation Area 1300 South Cypress Blvd. Key Biscayne, FL 33149 305/361-5811

TABLE 27. NATIONAL RESEARCH PROJECTS
List turtle research activities funded within your country.

PROJECT TITLE	DATES		NAME & ADDRESS OF INSTITUTION & CHIEF INVESTIGATOR
	START	END	
Research: 1) Translocation of eggs 2) Beach monitoring Team U.S. Fish & Wildlife, Albuquerque			Texas Parks and Wildlife Pedro Island National Seashore
Research: 1) Beach monitoring 2) Captive breeding 3) Public relations			Van Lestach, Turtle Lady South Pedro Island, TX 78597

TABLE 28. NATIONAL RESEARCH PROJECTS
List turtle research activities funded within your country.

PROJECT TITLE	DATES		NAME & ADDRESS OF INSTITUTION & CHIEF INVESTIGATOR
	START	END	
Research: 1) Beach monitoring 2) Nest protection Education: 1) Lecture/workshop	1968	Cont.	Charles Lehauff, Jr., Director Caretta Research, Inc. P.O. Drawer E Seabell, FL 33597 813/472-1041
Research: 1) Rehabilitation Education: 1) Public display 2) Classroom Research: 1) Beach monitoring 2) Strandings Education: 1) Beach walks 2) Lecture/workshops			Dennis Rallenberg, Exec. Director Clearwater Marine Science Center 244 Steward Passage Clearwater, FL 33715 813/472-1041
Research: 1) Beach monitoring 2) Strandings Education: 1) Beach walks 2) Lecture/workshops	1979		Delmar-Higgins Tuna State Recreation Area 11100 Golf Shore Boulevard North Naples, FL 33940 813/597-4196
Research: 1) Beach monitoring 2) Tagging 3) Aerial surveys	1975		Rich Benson Everglades National Park Resource Management and Visitor Protection Division and South Florida Research Center P. O. Box 279 Homestead, FL 33090 305/245-5266
Research: 1) Beach monitoring 2) San turtle recovery team 3) Wildlife conservation Education: 1) Material development 2) Lecture/workshops			Peter L. H. Pritchard, Vice President Florida Audubon Society 1101 Audubon Way Maitland, FL 32751 305/647-1815

TABLE 29. NATIONAL RESEARCH PROJECTS
List turtle research activities funded within your country.

PROJECT TITLE	DATES		NAME & ADDRESS OF INSTITUTION & CHIEF INVESTIGATOR
	START	END	
Research: 1) Regional coordination 2) Nest/crawl surveys 3) Stranding 4) Rehabilitation 5) Public display	1972	-	J. Alan Bell Florida Department of Natural Resources Bureau of Marine Science and Technology 100 6th Avenue, S.E. Tallahassee, FL 32304
1) Tame eggs and federal permits 2) Banding 3) Problem identification			
Research: 1) Regional coordination 2) Nest/crawl surveys 3) Stranding 4) Rehabilitation 5) Public display	1983	Cont.	Sam Wilson, Green Turtle Restoration Program Florida Department of Natural Resources Street Field Station P.O. Box 941 Jackson Beach, FL 32057 305/734-1667
Research: 1) Beach monitoring 2) Nest/crawl surveys 3) Stranding 4) Rehabilitation 5) Public display	1981	Cont.	George Malywala Florida International University Department of Biological Science Miami, FL 33199
Research: 1) Beach monitoring 2) Nest/crawl surveys 3) Stranding 4) Rehabilitation 5) Public display			Jim Hickey Florida Marine Conservancy 1331 Palmetto Avenue Suite 205 Winter Park, FL 32789 305/628-5857

TABLE #1. NATIONAL RESEARCH PROJECTS
List turtle research activities funded within your country.

PROJECT TITLE	DATES		NAME & ADDRESS OF INSTITUTION & CHIEF INVESTIGATOR
	START	END	
Research: 1) Beach monitoring 2) Nest/crawl surveys 3) Stranding 4) Rehabilitation 5) Public display	1973	-	Mike Murphy, Manager Mike Sound National Wildlife Refuge P. O. Box 845 Moby Sound, FL 33455 305/546-4141
Research: 1) Beach monitoring 2) Nest/crawl surveys 3) Stranding 4) Rehabilitation 5) Public display	1975	Cont.	Sam Wilson, Director Bureau of Refuge Horticultural Society of Martin County 825 W. E. Ocean Blvd. Stuart, FL 34994 305/225-1961
Research: 1) Regional coordination 2) Beach monitoring 3) Nest/crawl surveys 4) Stranding 5) Rehabilitation 6) Public display	1980	-	Christian Schick, Bureau Naturalist Jacksonville Museum of Arts and Sciences 1803 Oak Life Drive Jacksonville, FL 32207 904/396-1982
Research: 1) Beach monitoring 2) Nest/crawl surveys 3) Stranding 4) Rehabilitation 5) Public display	1979	-	Capt. Verney N. Johnson, Superintendent John S. Lloyd Beach State Recreation Area 2281 North Ocean Drive Micanopy, FL 32606 905/922-2831

TABLE #1. NATIONAL RESEARCH PROJECTS
List turtle research activities funded within your country.

PROJECT TITLE	DATES		NAME & ADDRESS OF INSTITUTION & CHIEF INVESTIGATOR
	START	END	
Research: 1) Beach monitoring 2) Nest/crawl surveys 3) Stranding 4) Rehabilitation 5) Public display	1972	Cont.	Sam Wilson, Chief Biologist Florida Power & Light Company Environmental Affairs Department P. O. Box 529109 Miami, Florida 33152 305/555-3561
Research: 1) Beach monitoring 2) Nest/crawl surveys 3) Stranding 4) Rehabilitation 5) Public display			Ed Meyer Applied Biology, Inc. P.O. Box 374 Jacksonville, FL 32037 904/734-3729
Research: 1) Beach monitoring 2) Nest/crawl surveys 3) Stranding 4) Rehabilitation 5) Public display	1972	Cont.	James C. Carr, Director Florida Sea Grant College Building 803 University of Florida Gainesville, FL 32611 904/392-5870
Research: 1) Beach monitoring 2) Nest/crawl surveys 3) Stranding 4) Rehabilitation 5) Public display	1979	-	Carl Smith, Senior Park Technician Port Manatee National Monument Route 1, Box 185 St. Augustine, FL 32084 904/471-8116
Research: 1) Beach monitoring 2) Nest/crawl surveys 3) Stranding 4) Rehabilitation 5) Public display	1980	-	Patricia Miller, Chief Florida Sea Grant College Gainesville, FL 32611 904/392-5870

TABLE #1. NATIONAL RESEARCH PROJECTS
List turtle research activities funded within your country.

PROJECT TITLE	DATES		NAME & ADDRESS OF INSTITUTION & CHIEF INVESTIGATOR
	START	END	
Research: 1) Beach monitoring 2) Nest/crawl surveys 3) Stranding 4) Rehabilitation 5) Public display	-	-	Glenn Miller, Director Key West National Aquarium P.O. Box 1277 Key West, FL 33649 305/296-2851
Research: 1) Beach monitoring 2) Nest/crawl surveys 3) Stranding 4) Rehabilitation 5) Public display	1981	-	Norm Rosenblatt 217 Lisc Road Palm Beach, FL 33409
Research: 1) Beach monitoring 2) Nest/crawl surveys 3) Stranding 4) Rehabilitation 5) Public display	-	-	Linda Todd, Island State Park P.O. Box 244 Palm Beach, FL 33426 904/231-3231
Research: 1) Beach monitoring 2) Nest/crawl surveys 3) Stranding 4) Rehabilitation 5) Public display	1977	-	Catherine Stifemel Longboat Key Turtle Hatch c/o McGee P.O. Box 336 Longboat Key, FL 33548 813/382-9336
Research: 1) Beach monitoring 2) Nest/crawl surveys 3) Stranding 4) Rehabilitation 5) Public display	1979	-	Robert L. Johnson, Supervisor Henderson Research Laboratory Route 1, Box 122 St. Augustine, FL 32084 904/971-1111

TABLE #1. NATIONAL RESEARCH PROJECTS

PROJECT TITLE	DATES		NAME & ADDRESS OF INSTITUTION & CHIEF INVESTIGATOR
	START	END	
Research: 1) Beach monitoring 2) Nest/crawl surveys 3) Strandings 4) Public display 5) Classroom	1973	-	Frank Pittman Marine County Schools' Environmental Studies Center 2900 N.E. Indian Driver Drive Jensen Beach, FL 33457 305/334-1262
Research: 1) Beach monitoring a) Nest/crawl surveys b) Strandings 2) Nest protection a) Site work b) Hatchery c) Predator control	1979	-	Robert C. Lee, Assistant Refuge Manager Marine Island National Wildlife Refuge Titonville, FL 32780 305/867-4820
Research: 1) Beach monitoring 2) Nest protection (relocation)	1980	Cont	Jim Hoover, Landscape Supervisor Metro Dade Beach Operations 7829 Atlantic Way Miami Beach, FL 33141 305/668-7075
Research: 1) Beach monitoring (Green's & Kemp's) 2) Nest protection 3) Public display 4) Classroom	-	-	Martha Burmeister, Education Miami Seaquarium 4600 Rickenbacker Causeway Virginia Key, Florida 33149 305/361-3705
Research: 1) Beach monitoring 2) Nest/crawl surveys 3) Strandings 4) Public display 5) Classroom	1987	-	William B. Taylor, Director Marine Mammal Laboratory 1400 City College Blvd Sarasota, FL 33557 813/348-4441

TABLE 20. NATIONAL RESEARCH PROJECTS
List turtle research activities funded within your country.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

PROJECT TITLE	DATES		NAME & ADDRESS OF INSTITUTION & CHIEF INVESTIGATOR
	START	END	
Research: 1) Laboratory	-	-	Peter J. Lutz, Graduate Student University of Miami 4100 Rickenbacker Causeway Miami, FL 33149 305/350-7325
Research: 1) Beach monitoring a) Nest/crawl surveys b) Strandings 2) Nest protection (relocation)	-	-	Shirley W. Lutz, Associate University of Miami 911 Gandy Road Miami, FL 33155
Research: 1) Beach monitoring 2) Strandings 3) Public display 4) Classroom	-	-	Gill Gilgrom, Education Director 7007 Sea World Drive Orlando, FL 32809 305/351-3600
Research: 1) Beach monitoring (Green's & Luger's) 2) Strandings 3) Public display	1978	-	Steve Green, Rep. of Marine Mammal and Turtle Lyon Long Key, FL 305/644-9101
Research: 1) Beach monitoring 2) Strandings 3) Public display 4) Classroom	1980	-	J. J. Beasley Indian River State Museum Area P.O. Box 20 Sebastian, FL 32970 305/349-3734

TABLE 21. NATIONAL RESEARCH PROJECTS
List turtle research activities funded within your country.

PROJECT TITLE	DATES		NAME & ADDRESS OF INSTITUTION & CHIEF INVESTIGATOR
	START	END	
Research: 1) Beach monitoring a) Nest/crawl surveys b) Strandings 2) Classroom	1981	-	Steven Elliott, Refuge Biologist National Key Deer Refuge Box 210 Key West, FL 33040 305/872-2239
Research: 1) Classroom	1971	-	Jim Thomas, Science Director Newfound Harbor Marine Institute Route 1, Box 170 Six Mile Key, FL 33043 305/872-2331
Research: 1) Beach monitoring (underwater observations) 2) Strandings 3) Classroom	1973	-	Marine House, Director Marine House, Scuba Club of the Palm Beaches 4108 W. Palm Beach West Palm Beach, FL 33407 305/844-2465
Research: 1) Beach monitoring a) Nest/crawl surveys b) Strandings 2) Laboratory sampling 3) Classroom	-	-	John Plotenberger John University 8000 South Tampa, FL 33604 813/255-7463
Research: 1) Beach monitoring 2) Strandings 3) Public display 4) Classroom	1979	-	Orville Smith, Director Orlando World 1701 S.E. 17th St. Ft. Lauderdale, FL 33316 305/525/0412

TABLE 22. NATIONAL RESEARCH PROJECTS
List turtle research activities funded within your country.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

PROJECT TITLE	DATES		NAME & ADDRESS OF INSTITUTION & CHIEF INVESTIGATOR
	START	END	
Research: 1) Beach monitoring a) Nest/crawl surveys b) Strandings 2) Nest protection a) Beach monitoring b) Strandings 3) Classroom 4) Laboratory sampling 5) Classroom 6) Problem identification	1972	-	Glenn Fletcher The Science Museum and Planetarium of Palm Beach County 4801 Drake Trail West West Palm Beach, FL 33409 305/832-1880
Research: 1) Beach monitoring a) Nest/crawl surveys b) Strandings 2) Nest protection a) Beach monitoring b) Strandings 3) Classroom 4) Laboratory sampling 5) Classroom 6) Problem identification	1972	-	Martin Penny, Refuge Manager St. Vincent National Wildlife Refuge P.O. Box 447 St. Vincent, FL 32380 305/853-0804
Research: 1) Beach monitoring a) Nest/crawl surveys b) Strandings 2) Nest protection a) Beach monitoring b) Strandings 3) Classroom 4) Laboratory sampling 5) Classroom 6) Problem identification	1980	-	Bill Black Tampa Bay National Wildlife Refuge 9771 Executive Center Drive, Suite 114 St. Petersburg, FL 33702 813/893-3451
Research: 1) Beach monitoring a) Nest/crawl surveys b) Strandings 2) Nest protection a) Beach monitoring b) Strandings 3) Classroom 4) Laboratory sampling 5) Classroom 6) Problem identification	1987	-	Ed Mann, Director of Information and Special Projects Theater of the Sea Box 407 Tallahassee, FL 32306
Research: 1) Beach monitoring a) Nest/crawl survey b) Strandings 3) Classroom 4) Laboratory sampling 5) Classroom 6) Problem identification	-	-	Robert L. Kelley, President Tropical Audubon Society 5518 Sunset Drive Tallahassee, FL 32313 305/844-5111

TABLE 23. NATIONAL RESEARCH PROJECTS
List turtle research activities funded within your country.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

PROJECT INFO	START	END	NOTES
13) Beach monitoring 2) Predator removal	1980	-	<p>1987 & 1988 - 1989 - 1990 - 1991 - 1992 - 1993 - 1994 - 1995 - 1996 - 1997 - 1998 - 1999 - 2000 - 2001 - 2002 - 2003 - 2004 - 2005 - 2006 - 2007 - 2008 - 2009 - 2010 - 2011 - 2012 - 2013 - 2014 - 2015 - 2016 - 2017 - 2018 - 2019 - 2020 - 2021 - 2022 - 2023 - 2024 - 2025 - 2026 - 2027 - 2028 - 2029 - 2030 - 2031 - 2032 - 2033 - 2034 - 2035 - 2036 - 2037 - 2038 - 2039 - 2040 - 2041 - 2042 - 2043 - 2044 - 2045 - 2046 - 2047 - 2048 - 2049 - 2050 - 2051 - 2052 - 2053 - 2054 - 2055 - 2056 - 2057 - 2058 - 2059 - 2060 - 2061 - 2062 - 2063 - 2064 - 2065 - 2066 - 2067 - 2068 - 2069 - 2070 - 2071 - 2072 - 2073 - 2074 - 2075 - 2076 - 2077 - 2078 - 2079 - 2080 - 2081 - 2082 - 2083 - 2084 - 2085 - 2086 - 2087 - 2088 - 2089 - 2090 - 2091 - 2092 - 2093 - 2094 - 2095 - 2096 - 2097 - 2098 - 2099 - 2100 - 2101 - 2102 - 2103 - 2104 - 2105 - 2106 - 2107 - 2108 - 2109 - 2110 - 2111 - 2112 - 2113 - 2114 - 2115 - 2116 - 2117 - 2118 - 2119 - 2120 - 2121 - 2122 - 2123 - 2124 - 2125 - 2126 - 2127 - 2128 - 2129 - 2130 - 2131 - 2132 - 2133 - 2134 - 2135 - 2136 - 2137 - 2138 - 2139 - 2140 - 2141 - 2142 - 2143 - 2144 - 2145 - 2146 - 2147 - 2148 - 2149 - 2150 - 2151 - 2152 - 2153 - 2154 - 2155 - 2156 - 2157 - 2158 - 2159 - 2160 - 2161 - 2162 - 2163 - 2164 - 2165 - 2166 - 2167 - 2168 - 2169 - 2170 - 2171 - 2172 - 2173 - 2174 - 2175 - 2176 - 2177 - 2178 - 2179 - 2180 - 2181 - 2182 - 2183 - 2184 - 2185 - 2186 - 2187 - 2188 - 2189 - 2190 - 2191 - 2192 - 2193 - 2194 - 2195 - 2196 - 2197 - 2198 - 2199 - 2200 - 2201 - 2202 - 2203 - 2204 - 2205 - 2206 - 2207 - 2208 - 2209 - 2210 - 2211 - 2212 - 2213 - 2214 - 2215 - 2216 - 2217 - 2218 - 2219 - 2220 - 2221 - 2222 - 2223 - 2224 - 2225 - 2226 - 2227 - 2228 - 2229 - 2230 - 2231 - 2232 - 2233 - 2234 - 2235 - 2236 - 2237 - 2238 - 2239 - 2240 - 2241 - 2242 - 2243 - 2244 - 2245 - 2246 - 2247 - 2248 - 2249 - 2250 - 2251 - 2252 - 2253 - 2254 - 2255 - 2256 - 2257 - 2258 - 2259 - 2260 - 2261 - 2262 - 2263 - 2264 - 2265 - 2266 - 2267 - 2268 - 2269 - 2270 - 2271 - 2272 - 2273 - 2274 - 2275 - 2276 - 2277 - 2278 - 2279 - 2280 - 2281 - 2282 - 2283 - 2284 - 2285 - 2286 - 2287 - 2288 - 2289 - 2290 - 2291 - 2292 - 2293 - 2294 - 2295 - 2296 - 2297 - 2298 - 2299 - 2300 - 2301 - 2302 - 2303 - 2304 - 2305 - 2306 - 2307 - 2308 - 2309 - 2310 - 2311 - 2312 - 2313 - 2314 - 2315 - 2316 - 2317 - 2318 - 2319 - 2320 - 2321 - 2322 - 2323 - 2324 - 2325 - 2326 - 2327 - 2328 - 2329 - 2330 - 2331 - 2332 - 2333 - 2334 - 2335 - 2336 - 2337 - 2338 - 2339 - 2340 - 2341 - 2342 - 2343 - 2344 - 2345 - 2346 - 2347 - 2348 - 2349 - 2350 - 2351 - 2352 - 2353 - 2354 - 2355 - 2356 - 2357 - 2358 - 2359 - 2360 - 2361 - 2362 - 2363 - 2364 - 2365 - 2366 - 2367 - 2368 - 2369 - 2370 - 2371 - 2372 - 2373 - 2374 - 2375 - 2376 - 2377 - 2378 - 2379 - 2380 - 2381 - 2382 - 2383 - 2384 - 2385 - 2386 - 2387 - 2388 - 2389 - 2390 - 2391 - 2392 - 2393 - 2394 - 2395 - 2396 - 2397 - 2398 - 2399 - 2400 - 2401 - 2402 - 2403 - 2404 - 2405 - 2406 - 2407 - 2408 - 2409 - 2410 - 2411 - 2412 - 2413 - 2414 - 2415 - 2416 - 2417 - 2418 - 2419 - 2420 - 2421 - 2422 - 2423 - 2424 - 2425 - 2426 - 2427 - 2428 - 2429 - 2430 - 2431 - 2432 - 2433 - 2434 - 2435 - 2436 - 2437 - 2438 - 2439 - 2440 - 2441 - 2442 - 2443 - 2444 - 2445 - 2446 - 2447 - 2448 - 2449 - 2450 - 2451 - 2452 - 2453 - 2454 - 2455 - 2456 - 2457 - 2458 - 2459 - 2460 - 2461 - 2462 - 2463 - 2464 - 2465 - 2466 - 2467 - 2468 - 2469 - 2470 - 2471 - 2472 - 2473 - 2474 - 2475 - 2476 - 2477 - 2478 - 2479 - 2480 - 2481 - 2482 - 2483 - 2484 - 2485 - 2486 - 2487 - 2488 - 2489 - 2490 - 2491 - 2492 - 2493 - 2494 - 2495 - 2496 - 2497 - 2498 - 2499 - 2500 - 2501 - 2502 - 2503 - 2504 - 2505 - 2506 - 2507 - 2508 - 2509 - 2510 - 2511 - 2512 - 2513 - 2514 - 2515 - 2516 - 2517 - 2518 - 2519 - 2520 - 2521 - 2522 - 2523 - 2524 - 2525 - 2526 - 2527 - 2528 - 2529 - 2530 - 2531 - 2532 - 2533 - 2534 - 2535 - 2536 - 2537 - 2538 - 2539 - 2540 - 2541 - 2542 - 2543 - 2544 - 2545 - 2546 - 2547 - 2548 - 2549 - 2550 - 2551 - 2552 - 2553 - 2554 - 2555 - 2556 - 2557 - 2558 - 2559 - 2560 - 2561 - 2562 - 2563 - 2564 - 2565 - 2566 - 2567 - 2568 - 2569 - 2570 - 2571 - 2572 - 2573 - 2574 - 2575 - 2576 - 2577 - 2578 - 2579 - 2580 - 2581 - 2582 - 2583 - 2584 - 2585 - 2586 - 2587 - 2588 - 2589 - 2590 - 2591 - 2592 - 2593 - 2594 - 2595 - 2596 - 2597 - 2598 - 2599 - 2600 - 2601 - 2602 - 2603 - 2604 - 2605 - 2606 - 2607 - 2608 - 2609 - 2610 - 2611 - 2612 - 2613 - 2614 - 2615 - 2616 - 2617 - 2618 - 2619 - 2620 - 2621 - 2622 - 2623 - 2624 - 2625 - 2626 - 2627 - 2628 - 2629 - 2630 - 2631 - 2632 - 2633 - 2634 - 2635 - 2636 - 2637 - 2638 - 2639 - 2640 - 2641 - 2642 - 2643 - 2644 - 2645 - 2646 - 2647 - 2648 - 2649 - 2650 - 2651 - 2652 - 2653</p>

TABLE 21. NATIONAL SECURITY MATTERS

NATIONAL BUREAU FOR THE UNITED STATES OF AMERICA

PROJECT TITLE	DATES		STATUS	END	NAME & ADDRESS OF INSTITUTION & CONTACT PERSON
	START	END			
Submittal: 1) Classroom 2) Public display	-	-	-		David Gilliland Senior, Director of Education Marine Institute University of Georgia Marine Extension Service P. O. Box 13407 Savannah, GA 31406 912/356-2496
Submittal: 1) Lecture 2) Fishery conflicts 3) Population ecology 4) Wildlife Inventory Submittal: 1) Lecture/workshops 2) Classroom Regulation 1) Problem Identification	-	-	-		Southeastern Wildlife Service c/o Hilborn G. Hilborn 113 Bay St. Atlanta, GA 30602
	-	-	-		St. Catherine Island Midway, GA 31320
Submittal: 1) Fishery conflicts 2) Lecture/workshops	-	-	-		David Harrington University of Georgia Marine Extension Service Bay Street Brunswick, GA 912/244-7808
Submittal: 1)	-	-	-		

TABLE 21. NATIONAL RESEARCH PROJECTS

PROJECT TITLE	DATES		NAME & ADDRESS OF INSTITUTION & CHIEF INVESTIGATOR
	START	END	
Research: 1) Laboratory 2) Field 3) Classroom 4) Lecture/workshop 5) Audio/visual presentations	1973	-	Shelt Talbert, Researcher Belle Baruch Institute for Marine Biology & Coastal Research University of South Carolina Columbia, S.C. 29402 803/766-7613
Research: 1) Nest/crawl surveys 2) Banding 3) Predator control 4) Hatchery	1969	-	George Cantle, Range Manager Cape Romain National Wildlife Refuge P.O. Box 121 N. 1st St. 803/762-1340
Research: 1) Beach monitoring a) nest/crawl surveys b) banding 2) Banding 3) Tagging 4) Fisheries conflicts 5) Fisheries management 6) Problem identification 7) Banding	1961	-	Dr. Bricklmyer, Director The Center for Locomotor Environment P.O. Box 1081 Charleston, SC 29402 803/777-3496
Research: 1) Wildlife inventory 2) Habitat preservation	1979	-	La Bruce Alexander The Nature Conservancy South Carolina Field Office P.O. Box 3475 Columbia, S.C. 29230 803/234-9049

TABLE 21. NATIONAL RESEARCH PROJECTS

List turtle research activities funded within your country.

TABLE 21. NATIONAL RESEARCH PROJECTS

List turtle research activities funded within your country.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

PROJECT TITLE	DATES		NAME & ADDRESS OF INSTITUTION & CHIEF INVESTIGATOR
	START	END	
State NC Wildlife Resources Commission 1) Info. development 2) Lecture/workshop	-	-	North Carolina Wildlife Resources Commission NORTH CAROLINA WILDLIFE RESOURCES COMMISSION P.O. Box 27697 Raleigh, NC 27611 919/733-7795
Research: 1) pelagic surveys 2) Banding 3) census activities 4) Lecture/workshop	-	-	North Carolina Sea Grant 105 1911 Building North Carolina State University Raleigh, NC 27650 919/733-2958
Research: 1) pelagic surveys 2) Banding 3) census activities 4) Lecture/workshop	1978	-	New York, Director of Education NORTH CAROLINA STATE MUSEUM OF NATURAL HISTORY 101 Ballin Street P.O. Box 27647 Raleigh, NC 27611 919/733-7950
Research: 1) Beach monitoring a) aerial surveys b) nest/crawl surveys c) banding 2) Regional Coordination 3) Nest Protection 4) Banding	1980	-	Smart, Officer, Habitat Conservation Coordinator NORTH CAROLINA WILDLIFE RESOURCES COMMISSION 512 N. Salisbury Raleigh, NC 27611 919/733-1638
Research: 1) Beach monitoring a) nest/crawl surveys b) banding c) Banding Regulation 1) Enforcement	-	-	Jon Mann, Enforcement Officer NORTH CAROLINA WILDLIFE RESOURCES COMMISSION P.O. Box 1095 Savannah, NC 28661 919/270-5714

TABLE 21. NATIONAL RESEARCH PROJECTS

List turtle research activities funded within your country.

PROJECT TITLE	DATES		NAME & ADDRESS OF INSTITUTION & CHIEF INVESTIGATOR
	START	END	
Education: 1) Lecture/workshop	-	-	David Hammer, President NORTH CAROLINA WILDLIFE RESOURCES COMMISSION P.O. Box 263 Murrells Inlet, SC 29576 803/651-3532
Research: 1) Beach monitoring a) nest/crawl surveys b) banding 2) nest Protection (relocation) Regulation: 1) enforcement 2) permits	1977	-	Clay Gifford CAPE WATKINS NATIONAL SEASHORE Route 1, Box 675 Havelock, NC 27954 919/473-2112
Research: 1) Beach monitoring a) tagging b) nest/crawl surveys c) banding 2) Nest Protection (relocation) Regulation: 1) Laboratory 2) Regional Coordination Regulation (banding) 3) Banding (S/T Sanctuary)	1978	-	Riley Nappier, Project Coordinator CAPE LOOKOUT NATIONAL SEASHORE P.O. Box 650 Beaufort, NC 28516 919/726-2121
Research: 1) Laboratory 2) Regional Coordination Regulation (banding) 3) Banding (S/T Sanctuary)	1979	-	Frank Schaefer INSTITUTE OF MARINE SCIENCES University of North Carolina 3407 Arendell Street Morehead City, NC 28557 919/776-4041

TABLE 21. NATIONAL RESEARCH PROJECTS

List turtle research activities funded within your country.

PROJECT TITLE	DATES		NAME & ADDRESS OF INSTITUTION & CHIEF INVESTIGATOR
	START	END	
Education: 1) Curriculum	-	-	Alice Liner, Environmental Education Consultant SOUTH CAROLINA DEPARTMENT OF EDUCATION Rutledge Building Columbia, SC 29201 803/758-2652
Research: 1) Fishery Conflicts Education 2) Lecture/workshop 3) Banding 4) Banding	-	-	C. A. Peter Greiner, Program Leader SOUTH CAROLINA SEA GRANT CONSORTIUM 221 Fort Johnson Road Charleston, SC 29412 803/795-4350
Research: 1) Beach monitoring a) aerial surveys b) nest/crawl surveys c) banding 2) Regional Coordination 3) Nest Protection 4) Banding	1977	-	Sally Hopkins, Tom Murphy SOUTH CAROLINA WILDLIFE AND MARINE RESOURCES DEPT. P.O. Box 12559 Charleston, SC 29412 803/795-4350

TABLE 21. NATIONAL RESEARCH PROJECTS

List turtle research activities funded within your country.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

PROJECT TITLE	DATES		NAME & ADDRESS OF INSTITUTION & CHIEF INVESTIGATOR
	START	END	
Research: 1) Basic Monitoring a) Tagging b) Band/round survey c) Banding d) Banding e) Banding f) Banding g) Banding h) Banding i) Banding j) Banding k) Banding l) Banding m) Banding n) Banding o) Banding p) Banding q) Banding r) Banding s) Banding t) Banding u) Banding v) Banding w) Banding x) Banding y) Banding z) Banding	-	-	NAME & ADDRESS OF INSTITUTION & CHIEF INVESTIGATOR 1) Basic Monitoring a) Tagging b) Band/round survey c) Banding d) Banding e) Banding f) Banding g) Banding h) Banding i) Banding j) Banding k) Banding l) Banding m) Banding n) Banding o) Banding p) Banding q) Banding r) Banding s) Banding t) Banding u) Banding v) Banding w) Banding x) Banding y) Banding z) Banding
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TABLE 21. NATIONAL RESEARCH PROJECTS
List turtle research activities funded within your country.

NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

PROJECT TITLE	DATES		NAME & ADDRESS OF INSTITUTION & CHIEF INVESTIGATOR
	START	END	
Basic and Audio Tracking of Herring Gulls <i>Larus argentatus</i>	1977 -	1979	Thomas H. Murphy, Jr. P. O. Wildlife & Marine Resources Dept., P. O. Box 17559 Charleston, SC 29419
Abiotic and Biotic Factors Affecting Nest Failure of <i>Caretta caretta</i>	1977 -	1979	Sally R. Hopkins (same address as above)
Feasibility of Recolonization Therapy on <i>Caretta caretta</i>	1977 -	1979	Sally R. Hopkins (same address as above)
Assess the effectiveness of various methods of rookery removal	1980 -	1982	Sally R. Hopkins (same address as above)
Determine distribution of loggerhead turtle nesting & to standardize the methodology for aerial beach survey	1980 -	1982	Sally R. Hopkins (same address as above)

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NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

PROJECT TITLE	DATES		NAME & ADDRESS OF INSTITUTION & CHIEF INVESTIGATOR
	START	END	
Research: 1) Tagging technology 2) Tag round neck 3) Laboratory 4) Aerial surveys 5) Population Biology (modeling) 6) Banding 7) Banding 8) Banding 9) Banding 10) Banding 11) Banding 12) Banding 13) Banding 14) Banding 15) Banding 16) Banding 17) Banding 18) Banding 19) Banding 20) Banding 21) Banding 22) Banding 23) Banding 24) Banding 25) Banding 26) Banding 27) Banding 28) Banding 29) Banding 30) Banding 31) Banding 32) Banding 33) Banding 34) Banding 35) Banding 36) Banding 37) Banding 38) Banding 39) Banding 40) Banding 41) Banding 42) Banding 43) Banding 44) Banding 45) Banding 46) Banding 47) Banding 48) Banding 49) Banding 50) Banding 51) Banding 52) Banding 53) Banding 54) Banding 55) Banding 56) Banding 57) Banding 58) Banding 59) Banding 60) Banding 61) Banding 62) Banding 63) Banding 64) Banding 65) Banding 66) Banding 67) Banding 68) Banding 69) Banding 70) Banding 71) Banding 72) Banding 73) Banding 74) Banding 75) Banding 76) Banding 77) Banding 78) Banding 79) Banding 80) Banding 81) Banding 82) Banding 83) Banding 84) Banding 85) Banding 86) Banding 87) Banding 88) Banding 89) Banding 90) Banding 91) Banding 92) Banding 93) Banding 94) Banding 95) Banding 96) Banding 97) Banding 98) Banding 99) Banding 100) Banding			NAME & ADDRESS OF INSTITUTION & CHIEF INVESTIGATOR 1) Tagging technology 2) Tag round neck 3) Laboratory 4) Aerial surveys 5) Population Biology (modeling) 6) Banding 7) Banding 8) Banding 9) Banding 10) Banding 11) Banding 12) Banding 13) Banding 14) Banding 15) Banding 16) Banding 17) Banding 18) Banding 19) Banding 20) Banding 21) Banding 22) Banding 23) Banding 24) Banding 25) Banding 26) Banding 27) Banding 28) Banding 29) Banding 30) Banding 31) Banding 32) Banding 33) Banding 34) Banding 35) Banding 36) Banding 37) Banding 38) Banding 39) Banding 40) Banding 41) Banding 42) Banding 43) Banding 44) Banding 45) Banding 46) Banding 47) Banding 48) Banding 49) Banding 50) Banding 51) Banding 52) Banding 53) Banding 54) Banding 55) Banding 56) Banding 57) Banding 58) Banding 59) Banding 60) Banding 61) Banding 62) Banding 63) Banding 64) Banding 65) Banding 66) Banding 67) Banding 68) Banding 69) Banding 70) Banding 71) Banding 72) Banding 73) Banding 74) Banding 75) Banding 76) Banding 77) Banding 78) Banding 79) Banding 80) Banding 81) Banding 82) Banding 83) Banding 84) Banding 85) Banding 86) Banding 87) Banding 88) Banding 89) Banding 90) Banding 91) Banding 92) Banding 93) Banding 94) Banding 95) Banding 96) Banding 97) Banding 98) Banding 99) Banding 100) Banding

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NATIONAL REPORT FOR THE UNITED STATES OF AMERICA

PROJECT TITLE	DATES		NAME & ADDRESS OF INSTITUTION & CHIEF INVESTIGATOR
	START	END	
Assess the feasibility of aerial pelagic survey for marine turtles	1980 -	1982	Thomas H. Murphy, Jr. (Same address as above)
Assess the extent of incidental catch mortality by radio telemetry of caracaras	1980 -	1982	Sally R. Hopkins (Same address as above)
Document the number of loggerhead turtles which strand in S. C.	1980 -	1982	Sally R. Hopkins (Same address as above)

TABLE 21. NATIONAL RESEARCH PROJECTS
List turtle research activities funded within your country.

PROJECT TITLE	DATES		NAME & ADDRESS OF INSTITUTION & OTHER INVESTIGATOR
	START	END	
Research: 1) wildlife inventory 2) habitat preservation	1976	-	Frederick W. Arnold, Assistant Director THE NORTH CAROLINA STATE CONSERVANCY P.O. Box 805 Chapel Hill, NC 27514 919/287-7007
Regulation 1) enforcement 2) public display (state fair)	-	-	Danny Moody, Division of Enforcement NORTH CAROLINA DIVISION OF MARINE FISHERIES Route 1, Box 544-L Beaufort, NC 28516 919/726-1935
Education: 1) public display 2) lecture/workshop 3) screenings	1977	-	Red Smith, Director NORTH CAROLINA MARINE RESOURCES CENTER/ROCK HOOKS Atlantic Beach, NC 28512 919/726-0121
"	"	"	NORTH CAROLINA MARINE RESOURCES General Delivery Dare Beach, NC 28597
"	"	"	NORTH CAROLINA MARINE RESOURCES CENTER/POWELL ISLAND P.O. Box 967, Airport Road Harkers, NC 27974

TABLE 21. NATIONAL RESEARCH PROJECTS

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PROJECT TITLE	DATES		NAME & ADDRESS OF INSTITUTION & OTHER INVESTIGATOR
	START	END	
Research: 1) beach monitoring a) nest/gravid surveys b) screenings 2) beach protection (hatchery)	1972	-	Ann Wright, Refuge Manager POWELL ISLAND NATIONAL WILDLIFE REFUGE P.O. Box 750 Hatteras, NC 27958 919/287-5724
RESEARCH:			
Research: 1) regional coordination a) sightings b) screenings 2) fishery conflicts a) ground nests 3) Tagging	1979	-	Jack Smith, Fish Biologist VIRGINIA INSTITUTE OF MARINE SCIENCES Gloucester Point, VA 23062 804/692-2111
COMMUNICATION:			

PROJECT TITLE	DATES		NAME & ADDRESS OF INSTITUTION & OTHER INVESTIGATOR
	START	END	
Coastal-marine morphology of BARNSTABLE SEASIDE	1979	-	Andrew G.J. Rodin, Yale Univ., New Haven, Ct. and Harvard Univ., Cambridge, Mass.
Subsistence tracking of BARNSTABLE SEASIDE	1980	-	Chris Longmire, Ellington, Ct.
Comparative marine turtle ecology and pathology	1980	-	Andrew G. J. Rodin, Yale Univ., New Haven, Ct. and Harvard Univ., Cambridge, Mass.

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