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WILLIAM G. GORDON

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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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The National Representative

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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.

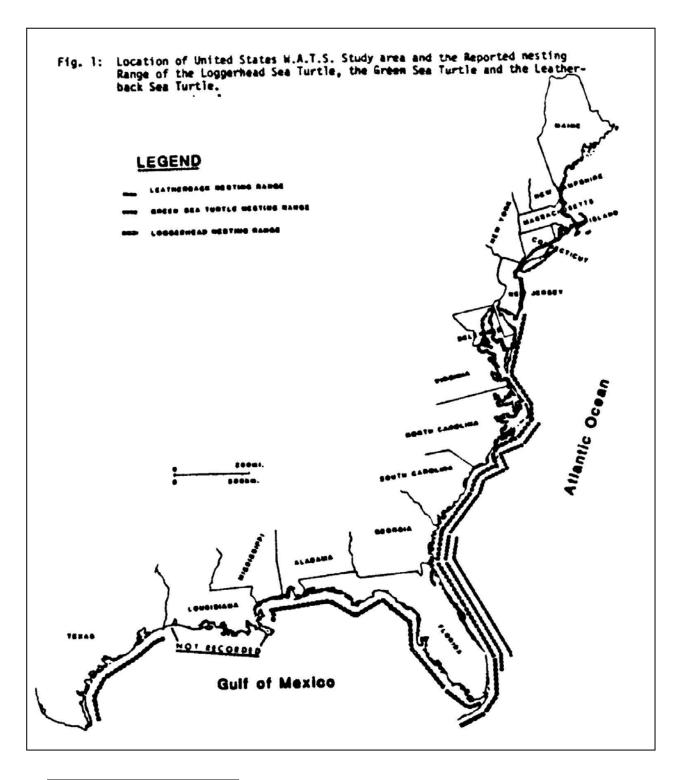
Despite the potential value of this information to agencies responsible for conducting stock assessments, monitoring recovery trends, and safeguarding critical habitat in the 21st century, the hand-written National Reports, largely illegible in the published proceedings, have slipped into obscurity. 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. <u>National Report for the United States</u>, 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.

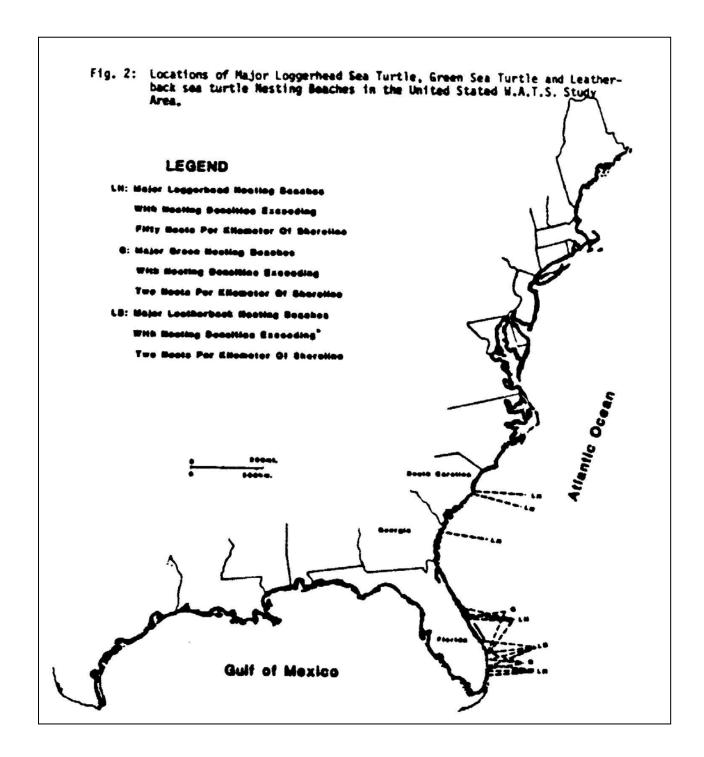
Karen L. Eckert WIDECAST Executive Director June 2009

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 | 200 200 1/2 |
| Gulf coast | 620,000 Km ² 540,000 Km ² |
| East coast | 540,000 KIII |
| 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.

| | | Km of Shoreline | |
|--------------------------------------|-------------|-----------------|-----------|
| Marine Shoreline Characteristics* | Undeveloped | Developed** | Total |
| 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 (km²) | 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 (km²) | 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).

| Name of Beach | Length In Km | Species Nesting (use abbreviations)* | Months of Recorded Nesting |
|---------------------------------------|-----------------|--------------------------------------|----------------------------|
| Padre Island & Mustang Island | 210 | Cc, Lk | April, May, June |
| Species * | Abbreviation | | |
| Caretta caretta | Сс | | |
| Chelonia mydas | Cm | | |
| Dermochelys coriacea | D | | |
| Eretmochelys imbricata | E | | |
| Lepidochelys kempi | Lk | | |
| Lepidochelys olivacea | Lo | | |
| · · · · · · · · · · · · · · · · · · · | | | |

| TABLE 3.2**. NESTING BI | EACH 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 | | | | |
| Caretta caretta | Сс | | | | |
| Chelonia mydas | Cm | | | | |
| Dermochelys coriacea | D | D | | | |
| Eretmochelys imbricata | E | | | | |
| Lepidochelys kempi | Lk | | | | |

| Lepidochelys olivacea | 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 | Species Nesting | Months of Recorded Nesting |
|------------------------|--------------|----------------------|----------------------------|
| | In Km | (use abbreviations)* | _ |
| 1. Cat Island | 5.7 | Сс | June |
| 2. West Ship Island | 6.5 | Not recorded | |
| 3. East Ship Island | 3.8 | Not recorded | |
| 4. Horn Island | 22.9 | Сс | June |
| 5. Petit Bois Island | 11.3 | Not recorded | |
| | | | |
| Species * | Abbreviation | | |
| Caretta caretta | Сс | | |
| Chelonia mydas | Cm | | |
| Dermochelys coriacea | D | | |
| Eretmochelys imbricata | E | | |
| Lepidochelys kempi | Lk | | |
| Lepidochelys olivacea | 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 | Сс | July |
| Species * | Abbreviation | | |
| Caretta caretta | Сс | | |
| Chelonia mydas | Cm | | |
| Dermochelys coriacea | D | | |
| Eretmochelys imbricata | E | | |
| Lepidochelys kempi | Lk | | |
| Lepidochelys olivacea | 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 3.5**. NESTING BEACH INVENTORY: FLORIDA List beaches in geographic sequence. Provide additional information on following page. Months of Recorded Name of Beach Species Nesting Length In Km (use abbreviations)* Nesting Ft. Walton Bach (incl. Eglin Cc, D? Not recorded AFB) 2. T.H. Stone Memorial, St. Not recorded 19.2 Joseph State Park St. George Island Сс Not recorded Recreation Area 4. St. Vincent Island National 11.3 Сс Early June to mid-August Wildlife Refuge Northern Longboat Key Cc, E Late June to mid-August 5. 8.0 6. Casey Key 7.6 Cc Mid May to early August 7. Manasota Key 12.9 Сс Late June to late July 8. Cayo Costa State Preserve 8.0 Сс Mid-June to late July Sanibel Island 18.5 Cc Late May to late July 10. Wiggens Pass State 13.4 Сс Mid-June to mid-July Recreation Area 11. Vanderbilt Beach 8.0 Сс Not recorded 12. Bonito Beach 9.7 Сс Not recorded Mid-May to August 01 13. Naples Area Beaches 8.0 Cc 14. Cape Romano Not recorded 4.8 Cc 15. Fort Jefferson National 4.8 Сс Mid-April to mid-October Monument 16. Everglade National Park 56.6 Сс Mid-May to mid-August Beaches 17. Bahia Honda State 8.0 Cc August Recreation Area 18. Soldier Key Not recorded October 19. Bill Baggs Cape Florida Cc, Cm, D Mid-May to mid-August 2.4 State Recreational Area Early May to late 20. Northern Kev Biscavne 9.6 Cc. Cm September 21. Miami Beach, Surfside, Bar Cc, Cm Late May to early August 16.1 Barbour, Haulover 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 Mid-May to mid-August 0.9 Cc, D 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 Late May to late Sept. 12.3 Cc, Cm, D 29. Hobe Sound National Late April to early 5.6 Cc, Cm, D September Wildlife Refuge 30. St. Lucie Inlet State 3.4 Сс Mid-May to mid-September Recreation Area Cc, Cm, D Mid-April to mid-Sept. 31. Hutchinson Island 36.0 32. Ft. Pierce Inlet State 3.2 Cc, Cm Early May to late August Recreation Area 33. Sebastian Inlet State 5.0 Cc, Cm Early June to late July Recreation Area

TABLE 3.5**. NESTING BEACH INVENTORY: FLORIDA

List beaches in geographic sequence. Provide additional information on following page.

| Nan | ne of Beach | Length In Km | Species Nesting (use abbreviations)* | Months of Recorded Nesting |
|-----|--|-----------------|--------------------------------------|-------------------------------|
| 34. | St. Lucie and Indian River Counties | 28.6 | Сс | Not recorded |
| 35. | South Brevard County | 50.2 | Сс | 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 | Сс | Not recorded |
| 39. | Flagler Beach State Recreation Area | 0.7 | Cc, Cm | Late May to late July |
| 40. | St. Johns County Beaches | 66.0 | Сс | Last of May to late August |
| 41. | Ft. Matanzas National Monument | 1.2 | Сс | June |
| 42. | Anastasia State Recreation Area | 4.0 | Сс | June, July |
| 43. | Big Talbot Island | 3.2 | Сс | Mid-May to mid-August |
| 44. | Little Talbot Island | 8 | Сс | Mid-May to mid-August |
| | Species * | Abbreviation | | |
| Car | etta caretta | Сс | | |
| Che | elonia mydas | Cm | | |
| Der | mochelys coriacea | D | | |
| | tmochelys imbricata | E | | |
| Lep | idochelys kempi | Lk | | |
| Len | idochelys olivacea | 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 3.6**. NESTING BEACH INVENTORY: GEORGIA

List beaches in geographic sequence. Provide additional information on following page.

| | , D | | 0 ' 11 '' | M d (D L IN) d |
|-----|-------------------------|--------|----------------------|----------------------------|
| Nar | ne of Beach | Length | Species Nesting | Months of Recorded Nesting |
| | | In Km | (use abbreviations)* | |
| 1. | Cumberland Island | 29.7 | Cc, D (1 recorded) | May through August |
| 2. | Little Cumberland Isl. | 5.8 | Сс | May through August |
| 3. | Jekyll Island | 14.6 | Cc, Cm (1 recorded) | May through August |
| 4. | St. Simon's Island | 6.5 | Сс | May through August |
| 5. | Sea Island | 9.6 | Сс | May through August |
| 6. | Little St. Simon's Isl. | 11.4 | Сс | May through August |
| 7. | Egg Island | 2.9 | | May through August |
| 8. | Wolf Island | 5.6 | Сс | May through August |
| 9. | Sapelo Island | 9.7 | Сс | May through August |
| 10. | Blackbeard Island | 13.2 | Cc, D (1 recorded) | May through August |
| 11. | St. Caherine's Island | 21.1 | Сс | May through August |
| 12. | Ossabaw Island | 18.7 | Сс | May through August |
| 13. | Racoon Key | 1.8 | Сс | May through August |

| 14. Pine and Little Wassaw Isl | 3.8 | Сс | May through August |
|---------------------------------------|--------------|----|--------------------|
| 15. Wassaw Island | 10.5 | Сс | May through August |
| 16. Cabbage Island | 3.0 | Сс | May through August |
| 17. Petit Chou Island | 1.3 | Сс | May through August |
| 18. Williamson Island | 2.9 | Сс | May through August |
| 19. Little Tybee Island | 5.3 | Сс | May through August |
| 20. Tybee Island | 5.6 | Сс | May through August |
| · | | | |
| Species * | Abbreviation | | |
| Caretta caretta | Сс | | |
| Chelonia mydas | Cm | | |
| Dermochelys coriacea | D | | |
| Eretmochelys imbricata | E | | |
| Lepidochelys kempi | Lk | | |
| Lepidochelys olivacea | 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.

| List beaches in geographic sec | quence. Provide a | additional information on | following page. |
|--------------------------------------|-------------------|--------------------------------------|----------------------------|
| Name of Beach | Length In Km | Species Nesting (use abbreviations)* | Months of Recorded Nesting |
| 1. Turtle Island | 4.0 | Сс | May 15 through August 15 |
| 2. Daufuskie Island | 8.1 | Сс | May 15 through August 15 |
| 3. Hilton Head Island | 29.0 | Сс | May 15 through August 15 |
| 4. St. Phillips / Bay Point Island | 6.3 | Cc | May 15 through August 15 |
| 5. Little Capers | 4.0 | Сс | May 15 through August 15 |
| 6. Pritchard Island | 4.0 | Сс | May 15 through August 15 |
| 7. Fripp Island | 6.0 | Сс | May 15 through August 15 |
| 8. Harbor / Hunting Island Island | 9.0 | Сс | May 15 through August 15 |
| 9. Otter Island | 4.3 | Сс | May 15 through August 15 |
| 10. Pine Island | 4.1 | Сс | May 15 through August 15 |
| 11. Edisto Island | 8.2 | Сс | May 15 through August 15 |
| 12. Edingsville Beach | 2.9 | Сс | May 15 through August 15 |
| 13. Botany Bay Island | 7.2 | Сс | May 15 through August 15 |
| 14. Seabrook Island | 5.6 | Сс | May 15 through August 15 |
| 15. Kiawah Island | 15.8 | Сс | May 15 through August 15 |
| 16. Folly Beach | 10.4 | Сс | May 15 through August 15 |
| 17. Morris Island | 5.4 | Сс | May 15 through August 15 |
| 18. Sullivan's Island | 6.3 | Сс | May 15 through August 15 |
| 19. Isle of Palms | 10.0 | Сс | May 15 through August 15 |
| 20. Dewees Island | 4.0 | Сс | May 15 through August 15 |
| 21. Capers Island | 5.2 | Сс | May 15 through August 15 |
| 22. Bulls Island | 10.5 | Сс | May 15 through August 15 |
| 23. Raccoon Key | 9.0 | Сс | May 15 through August 15 |
| 24. Lighthouse Island | 3.3 | Сс | May 15 through August 15 |
| 25. Cape Island | 8.0 | Cc | May 15 through August 15 |

| 26. Murphy Island | 9.0 | Сс | May 15 through August 15 |
|------------------------------|--------------|----|--------------------------|
| 27. Cedar Island | 4.3 | Cc | May 15 through August 15 |
| 28. South Island | 4.0 | Сс | May 15 through August 15 |
| 29. Sand Island | 4.0 | Сс | May 15 through August 15 |
| 30. North Island | 13.5 | Cc | May 15 through August 15 |
| 31. Debidue Island | 7.1 | Сс | May 15 through August 15 |
| 32. Grand Strand (all of | 71.0 | Cc | May 15 through August 15 |
| northern coast) | | | |
| | | | |
| Species * | Abbreviation | | |
| Caretta caretta | Сс | | |
| Chelonia mydas | Cm | | |
| Dermochelys coriacea | D | | |
| Eretmochelys imbricata | E | | |
| Lepidochelys kempi | Lk | | |
| Lepidochelys olivacea | Lo | | |
| - | | | |
| 10 - 11 1 1 (a a a a) 1 1 1 | | | |

^{**} 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.

| | BLE 3.8**. NESTING BEA beaches in geographic se | | | following page. |
|-----|---|-----------------|--------------------------------------|----------------------------|
| Nan | ne 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 | Сс | June, July |
| 3. | Holden Beach | 12.0 | Сс | June, July |
| 4. | Oak Island | 21.0 | Сс | 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 | Сс | June, July |
| 7. | Masonboro Inlet to Carolina Beach Inlet | 13.0 | Сс | June, July |
| 8. | Wrightsville Beach- Maso Inlet to Masonboro Inlet | 6.0 | Cc | June, July |
| 9. | Figure Eight Island | 5.6 | Сс | June, July |
| 10. | New Topsail Inlet to Rich inlet | 5.6 | Сс | June, July |
| 11. | Topsail Beach | 35.0 | Сс | June, July, August |
| 12. | Onslow Beach | 11.5 | Cc, Cm | May, June, July, August |
| 13. | Brown Island | 5.0 | Сс | June, July, August |
| 14. | Bear Island | 6.0 | Сс | May, June, July, August |
| 15. | Bogue Banks | 39.0 | Сс | May, June, July, August |
| 16. | Shakleford Banks | 14.5 | Сс | 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 |

| 103.0 | Сс | May, June, July, August |
|--------------|--|--|
| 15.0 | Сс | May, June, July, August |
| 74.0 | Сс | June, July |
| | | |
| Abbreviation | | |
| Cc | | |
| Cm | | |
| D | | |
| E | | |
| Lk | | |
| Lo | | |
| | 15.0 74.0 Abbreviation Cc Cm D E Lk | 15.0 Cc 74.0 Cc Abbreviation Cc Cm D E Lk |

^{**} 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 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 | s data for each beach listed | in Table 3. Tables numbered | sequentially. | |
| | | | | |
| Species | Numbe | r of Nests | Dates of collection | |
| | Nest/Night (average) | Nest/Season (estimated) | | |
| Caretta caretta | | 1 | March-September 1982 | |
| Chelonia mydas | | | | |
| Dermochelys coriacea | | | | |
| Eretmochelys imbricata | | | | |
| Lepidochelys kempi | | Less than 1 | | |
| Lepidochelys olivacea | | | | |

| | ENSUS FOR BEACH: MISS | l in Table 3. Tables numbered | seguentially |
|------------------------------|----------------------------|-------------------------------|---------------|
| Table summanzes census | data for each beach listed | Till Table 5. Tables humbered | sequentially. |
| Species Number of Nests Date | | | |
| • | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | | 2 | 1970-1981 |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

| 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. | | | | | |
| Charian | NI: .mah.a | r of Nooto | Datas of callection | | |
| Species | | r of Nests | Dates of collection | | |
| | Nest/Night (average) | Nest/Season (estimated) | | | |
| Caretta caretta | | | 1976 through 1981 | | |
| Chelonia mydas | | | | | |
| Dermochelys coriacea | | | | | |
| Eretmochelys imbricata | | | | | |
| Lepidochelys kempi | | | | | |
| Lepidochelys olivacea | | | | | |

| 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 | Numbe | r of Nests | Dates of collection | | |
| · | Nest/Night (average) | Nest/Season (estimated) | | | |
| Caretta caretta | <u> </u> | | No routine beach patrols | | |
| Chelonia mydas | | | | | |
| Dermochelys coriacea | | | | | |
| Eretmochelys imbricata | | | | | |
| Lepidochelys kempi | | | | | |
| Lepidochelys olivacea | | | | | |

| TABLE 4.5. NESTING CE | NSUS FOR BEACH: MIS | SISSIPPI: Horn Island | |
|------------------------------|----------------------------|-----------------------------|---------------------|
| Table summarizes census | data for each beach listed | in Table 3. Tables numbered | l sequentially. |
| Species | Numbe | r of Nests | Dates of collection |
| · | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | | 2 | 1976 through 1981 |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

| Table summarizes census | data for each beach listed | l in Table 3. Tables numbered | sequentially. |
|-------------------------|----------------------------|-------------------------------|--------------------------|
| | | | |
| Species | Numbe | r of Nests | Dates of collection |
| | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | | | No routine beach patrols |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

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

| Force Beach | | lin Table 2. Tables accepted | a a a u a a ti a llur |
|-------------------------|------------------------------|------------------------------|-----------------------|
| rable summarizes census | s data for each beach listed | in Table 3. Tables numbered | sequentially. |
| Species | Species Number of Nests | | Dates of collection |
| · | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | | 6 | Not recorded |
| Chelonia mydas | | | |
| Dermochelys coriacea | | Less than 17 | Not recorded |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

| TABLE 4.9. NESTING CE Penidula State Park | NSUS FOR BEACH: FLO | RIDA: T.H. Stone Memorial | St. Joseph | |
|--|----------------------------|-----------------------------|---------------|--|
| Table summarizes census | data for each beach listed | in Table 3. Tables numbered | sequentially. | |
| Species Number of Nests Dates of colle | | | | |
| · | Nest/Night (average) | Nest/Season (estimated) | | |
| Caretta caretta | | 11 | Not recorded | |
| Chelonia mydas | | | | |
| Dermochelys coriacea | | | | |
| Eretmochelys imbricata | | | | |
| Lepidochelys kempi | | | | |
| Lepidochelys olivacea | | | | |

| Table summarizes census | data for each beach listed | I in Table 3. Tables numbered | sequentially. |
|-------------------------|----------------------------|-------------------------------|---------------|
| Species | Dates of collection | | |
| ' | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | | 17 | Not recorded |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

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 | Numbe | Dates of collection | |
|------------------------|----------------------|-------------------------|--------------------------|
| | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | | 10 | Early June to mid-August |
| Chelonia mydas | | | _ |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

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) | |
| Caretta caretta | | 20 | Mid-March to early August |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | Less than 1 | May 1980 |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

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 | Numbe | Dates of collection | |
|------------------------|----------------------|-------------------------|------------------------------|
| | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | | 50 | Mid-March to early August |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

TABLE 4.14. NESTING CENSUS FOR BEACH: FLORIDA: Manasota Key

| Species | Numbe | Dates of collection | |
|------------------------|----------------------|-------------------------|---------------------------|
| | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | | 170 | Late June to late July |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

| 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) | |
| Caretta caretta | | 6 | Mid-June to late July |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |
| | ENSUS FOR BEACH: FLo | ORIDA: Sanibel Island I in Table 3. Tables numbered | sequentially. |
| | | | |
| Species | | er of Nests | Dates of collection |
| _ | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | | 100 | Mid-May to late July |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| | ENSUS FOR BEACH: FL | ORIDA: Wiggins Pass State | Recreation Area |
| TABLE 4.17. NESTING C | | ORIDA: Wiggins Pass State | |
| TABLE 4.17. NESTING C Table summarizes census | data for each beach listed | l in Table 3. Tables numbered | sequentially. |
| TABLE 4.17. NESTING C | data for each beach listed Numbe | I in Table 3. Tables numbered | |
| TABLE 4.17. NESTING C Table summarizes census Species | data for each beach listed | l in Table 3. Tables numbered | sequentially. Dates of collection Mid-June to |
| TABLE 4.17. NESTING C Table summarizes census Species Caretta caretta | data for each beach listed Numbe | in Table 3. Tables numbered or of Nests Nest/Season (estimated) | sequentially. Dates of collection |
| TABLE 4.17. NESTING Control Table summarizes census Species Caretta caretta Chelonia mydas | data for each beach listed Numbe | in Table 3. Tables numbered or of Nests Nest/Season (estimated) | sequentially. Dates of collection Mid-June to |
| TABLE 4.17. NESTING Control Table summarizes census Species Caretta caretta Chelonia mydas Dermochelys coriacea | data for each beach listed Numbe | in Table 3. Tables numbered or of Nests Nest/Season (estimated) | sequentially. Dates of collection Mid-June to |
| TABLE 4.17. NESTING Control Table summarizes census Species Caretta caretta Chelonia mydas Dermochelys coriacea Eretmochelys imbricata | data for each beach listed Numbe | in Table 3. Tables numbered or of Nests Nest/Season (estimated) | sequentially. Dates of collection Mid-June to |
| TABLE 4.17. NESTING Control Table summarizes census Species Caretta caretta Chelonia mydas Dermochelys coriacea Eretmochelys imbricata Lepidochelys kempi | data for each beach listed Numbe | in Table 3. Tables numbered or of Nests Nest/Season (estimated) | sequentially. Dates of collection Mid-June to |
| TABLE 4.17. NESTING Control Table summarizes census Species Caretta caretta Chelonia mydas Dermochelys coriacea Eretmochelys imbricata Lepidochelys kempi Lepidochelys olivacea | Numbe Nest/Night (average) | d in Table 3. Tables numbered or of Nests Nest/Season (estimated) 22 | sequentially. Dates of collection Mid-June to mid-July |
| TABLE 4.17. NESTING Control Table summarizes census Species Caretta caretta Chelonia mydas Dermochelys coriacea Eretmochelys imbricata Lepidochelys kempi Lepidochelys olivacea TABLE 4.18. NESTING Control | Number Nest/Night (average) EENSUS FOR BEACH: FLog data for each beach listed | or of Nests Nest/Season (estimated) 22 ORIDA: Bonito Beach In Table 3. Tables numbered | sequentially. Dates of collection Mid-June to mid-July sequentially. |
| TABLE 4.17. NESTING Control Table summarizes census Species Caretta caretta Chelonia mydas Dermochelys coriacea Eretmochelys imbricata Lepidochelys kempi Lepidochelys olivacea | Number Nest/Night (average) ENSUS FOR BEACH: FLow of the data for each beach listed Number Number | or of Nests Nest/Season (estimated) 22 ORIDA: Bonito Beach In Table 3. Tables numbered | sequentially. Dates of collection Mid-June to mid-July |
| Species Caretta caretta Chelonia mydas Dermochelys coriacea Eretmochelys imbricata Lepidochelys olivacea FABLE 4.18. NESTING C | Number Nest/Night (average) EENSUS FOR BEACH: FLog data for each beach listed | or of Nests Nest/Season (estimated) 22 ORIDA: Bonito Beach In Table 3. Tables numbered | sequentially. Dates of collection Mid-June to mid-July sequentially. Dates of collection |
| Species Caretta caretta Chelonia mydas Dermochelys coriacea Eretmochelys imbricata Lepidochelys olivacea FABLE 4.18. NESTING C Table summarizes census Species Caretta caretta | Number Nest/Night (average) ENSUS FOR BEACH: FLow of the data for each beach listed Number Number | ORIDA: Bonito Beach In Table 3. Tables numbered ORIDA: Bonito Beach In Table 3. Tables numbered or of Nests Nest/Season (estimated) | sequentially. Dates of collectio Mid-June to mid-July sequentially. |
| TABLE 4.17. NESTING Control Table summarizes census Species Caretta caretta Chelonia mydas Dermochelys coriacea Eretmochelys imbricata Lepidochelys kempi Lepidochelys olivacea TABLE 4.18. NESTING Control Table summarizes census Species Caretta caretta Chelonia mydas | Number Nest/Night (average) ENSUS FOR BEACH: FLow of the data for each beach listed Number Number | ORIDA: Bonito Beach In Table 3. Tables numbered ORIDA: Bonito Beach In Table 3. Tables numbered or of Nests Nest/Season (estimated) | sequentially. Dates of collection Mid-June to mid-July sequentially. Dates of collection |
| TABLE 4.17. NESTING Control Table summarizes census Species Caretta caretta Chelonia mydas Dermochelys coriacea Eretmochelys imbricata Lepidochelys kempi Lepidochelys olivacea TABLE 4.18. NESTING Control Table summarizes census Species Caretta caretta Chelonia mydas Dermochelys coriacea | Number Nest/Night (average) ENSUS FOR BEACH: FLow of the data for each beach listed Number Number | ORIDA: Bonito Beach In Table 3. Tables numbered ORIDA: Bonito Beach In Table 3. Tables numbered or of Nests Nest/Season (estimated) | sequentially. Dates of collectio Mid-June to mid-July sequentially. Dates of collectio |
| Species Caretta caretta Chelonia mydas Dermochelys coriacea Eretmochelys imbricata Lepidochelys kempi Lepidochelys olivacea TABLE 4.18. NESTING C | Number Nest/Night (average) ENSUS FOR BEACH: FLow of the data for each beach listed Number Number | ORIDA: Bonito Beach In Table 3. Tables numbered ORIDA: Bonito Beach In Table 3. Tables numbered or of Nests Nest/Season (estimated) | sequentially. Dates of collection Mid-June to mid-July sequentially. Dates of collection |

| TABLE 4.19. NESTING C | ENSUS FOR BEACH: FLO | ORIDA: Vanderbilt Beach | | | |
|---|------------------------------|-----------------------------|---------------|--|--|
| Table summarizes census | s data for each beach listed | in Table 3. Tables numbered | sequentially. | | |
| Species Number of Nests Dates of collection | | | | | |
| _ | Nest/Night (average) | Nest/Season (estimated) | | | |
| Caretta caretta | | 39 | Not recorded | | |
| Chelonia mydas | | | | | |
| Dermochelys coriacea | | | | | |
| Eretmochelys imbricata | | | | | |
| Lepidochelys kempi | | | | | |
| Lepidochelys olivacea | | | | | |

| TABLE 4.19. NESTING C | ENSUS FOR BEACH: FL | ORIDA: Naples Area Beache | es |
|-------------------------|------------------------------|-------------------------------|-------------------------|
| Table summarizes census | s data for each beach listed | l in Table 3. Tables numbered | sequentially. |
| | | | |
| Species | Number of Nests | | Dates of collection |
| | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | | 50 | Mid-May to 01 August |
| Chelonia mydas | | | _ |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

| TABLE 4.21. NESTING C | ENSUS FOR BEACH: FLO | ORIDA: Cape Romano | |
|-------------------------|------------------------------|-----------------------------|---------------------|
| Table summarizes census | s data for each beach listed | in Table 3. Tables numbered | sequentially. |
| | | | |
| Species | Number of Nests | | Dates of collection |
| | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | | 40 | Not recorded |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

| TABLE 4.22. NESTING C | ENSUS FOR BEACH: FLO | ORIDA: Ft. Jefferson Nation | al Monument | |
|---|------------------------------|-----------------------------|-----------------------------|--|
| Table summarizes census | s data for each beach listed | in Table 3. Tables numbered | sequentially. | |
| Species Number of Nests Dates of collecti | | | | |
| | Nest/Night (average) | Nest/Season (estimated) | | |
| Caretta caretta | | 65 | Mid-April through August | |
| Chelonia mydas | | | | |
| Dermochelys coriacea | | | | |
| Eretmochelys imbricata | | | | |
| Lepidochelys kempi | | | | |
| Lepidochelys olivacea | | | | |

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/Season (estimated) Nest/Night (average) Caretta caretta Early May to 1,200 early August Chelonia mydas Dermochelys coriacea Eretmochelys imbricata Lepidochelys kempi Lepidochelys olivacea 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) Caretta caretta August 1 Chelonia mydas Dermochelys coriacea Eretmochelys imbricata Lepidochelys kempi Lepidochelys olivacea

| TABLE 4.25. NESTING C Long Key | ENSUS FOR BEACH: FL | ORIDA: Sand Key, Elliot Key | , Islamorada, and |
|-----------------------------------|----------------------------|-------------------------------|---------------------|
| Table summarizes census | data for each beach listed | I in Table 3. Tables numbered | sequentially. |
| Species | Numbe | r of Nests | Dates of collection |
| · | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | | Not recorded | Not recorded |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

| Table summarizes census | data for each beach listed | l in Table 3. Tables numbered | sequentially. |
|-------------------------|----------------------------|-------------------------------|---------------------|
| Species | Numbe | r of Nests | Dates of collection |
| ' | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | | | |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | Less than 1 | 1 nest in October |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

| TABLE 4.27. NESTING C | ENSUS FOR BEACH: FL | ORIDA: Bill Baggs State Re | creation Area |
|-------------------------|------------------------------|-------------------------------|-------------------------|
| Table summarizes census | s data for each beach listed | l in Table 3. Tables numbered | l sequentially. |
| | | | Dates of collection |
| Species | Numbe | Number of Nests | |
| | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | | 57 | Early May to mid-August |
| Chelonia mydas | | 2 | May |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

| Species | Number of Nests | | Dates of collection |
|------------------------|----------------------|-------------------------|--------------------------------|
| | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | | 39 | Early May to late September |
| Chelonia mydas | | 2 | Mid-June to early June * |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

| Haulover | . data far agala bagala l'atad | in Table 2. Tables numbered | a a mu a mati a llu c |
|------------------------|--------------------------------|-----------------------------|----------------------------|
| Table summanzes census | s data for each beach listed | in Table 3. Tables numbered | sequentially. |
| Species | Numbe | r of Nests | Dates of collection |
| · | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | | 30 | Late March to early August |
| Chelonia mydas | | 1 | June |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

| CENSUS FOR BEACH: FL | ORIDA: Broward County Be | aches |
|--------------------------------|---------------------------------------|--|
| sus data for each beach listed | l in Table 3. Tables numbered | sequentially. |
| | | |
| Number of Nests | | Dates of collection |
| Nest/Night (average) | Nest/Season (estimated) | |
| <u> </u> | 1,193 | May 1 to August 29 |
| | sus data for each beach listed Numbe | Nest/Night (average) Nest/Season (estimated) |

| Chelonia mydas | 18 | Early June to late August |
|------------------------|----|---------------------------|
| Dermochelys coriacea | 6 | Early May to mid-June |
| Eretmochelys imbricata | | |
| Lepidochelys kempi | | |
| Lepidochelys olivacea | | |

| Table summanzes census | data for each beach listed | l in Table 3. Tables numbered | sequentially. |
|------------------------|----------------------------|-------------------------------|------------------------------|
| Species | Number of Nests | | Dates of collection |
| | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | | 370 | Early May to early September |
| Chelonia mydas | | 8 | Early July to late August |
| Dermochelys coriacea | | 1 | June |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

| Species | Numbe | r of Nests | Dates of collection |
|------------------------|----------------------|-------------------------|---------------------------|
| <u> </u> | Nest/Night (average) | Nest/Season (estimated) | Dates of collection |
| Caretta caretta | 5 (5 , | 507 | Early May to early August |
| Chelonia mydas | | 7 | Late May to early August |
| Dermochelys coriacea | | 6 | Late April to early July |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

| Table summarizes census | data for each beach listed | in Table 3. Tables numbered | sequentially. |
|-------------------------|----------------------------|-----------------------------|---------------------------|
| Species | Numbe | r of Nests | Dates of collection |
| • | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | <u> </u> | 54 | Mid-May to early August |
| Chelonia mydas | | | , , |
| Dermochelys coriacea | | | 2 false crawls in June |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

| Species Number of Nests Dates of collect | | | | |
|--|----------------------|-------------------------|-------------------------|--|
| 5,770 | Nest/Night (average) | Nest/Season (estimated) | | |
| Caretta caretta | <u> </u> | 215 | Early May to mid-August | |
| Chelonia mydas | | 7 | Mid-June to late June | |
| Dermochelys coriacea | | 3 | Mid-April to late May | |
| Eretmochelys imbricata | | | | |
| Lepidochelys kempi | | | | |
| Lepidochelys olivacea | | | | |

| | ENSUS FOR BEACH: FL | | |
|-------------------------|----------------------------|-----------------------------|-----------------------------|
| Table summarizes census | data for each beach listed | in Table 3. Tables numbered | l sequentially. |
| Species | Numbe | r of Nests | Dates of collection |
| · | Nest/Night (average) | Nest/Season (estimated) | - |
| Caretta caretta | <u> </u> | 340 | Early May to late August |
| Chelonia mydas | | 3 | Mid-July to mid-August |
| Dermochelys coriacea | | 1 | Mid-April to mid-July |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

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

| TABLE 4.37. NESTING C | ENSUS FOR BEACH: FL | ORIDA: Hobe Sound Nation | al Wildlife Refuge |
|------------------------------|----------------------------|-------------------------------|-------------------------------|
| Table summarizes census | data for each beach listed | l in Table 3. Tables numbered | sequentially. |
| Species | Numbo | r of Nests | Dates of collection |
| Opedies | Nest/Night (average) | Nest/Season (estimated) | Dates of collection |
| Caretta caretta | <u> </u> | 1,100 | Late April to 01 September |
| Chelonia mydas | | 8 | Early June to late August |
| Dermochelys coriacea | | 3 | June |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lenidochelys olivacea | | | |

| 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 | Species Number of Nests Dates of colle | | | | |
| · | Nest/Night (average) | Nest/Season (estimated) | | | |
| Caretta caretta | | | Mid-March to mid-September | | |
| Chelonia mydas | | | · | | |
| Dermochelys coriacea | | | | | |
| Eretmochelys imbricata | | | | | |
| Lepidochelys kempi | | | | | |
| Lepidochelys olivacea | | | | | |

| | | ORIDA: Hutchinson Island | |
|-------------------------|------------------------------|-------------------------------|---------------------------------|
| Table summarizes census | s data for each beach listed | I in Table 3. Tables numbered | sequentially. |
| Species | Number of Nests | | Dates of collection |
| ' | Nest/Night (average) | Nest/Season (estimated) | - |
| Caretta caretta | <u> </u> | 3,115 | Early May to early September |
| Chelonia mydas | | 10 | Mid-June to early September |
| Dermochelys coriacea | | 11 | Mid-April to early July |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

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

| Dermochelys coriacea | | |
|------------------------|--|--|
| Eretmochelys imbricata | | |
| Lepidochelys kempi | | |
| Lepidochelys olivacea | | |

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 | Numbe | Dates of collection | |
|------------------------|----------------------|-------------------------|-------------------------|
| | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | | 297 | Early June to late July |
| Chelonia mydas | | 2 | July |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

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) | |
| Caretta caretta | | 726 | Early June through late August |
| Chelonia mydas | | 65 | Early June through late August |
| Dermochelys coriacea | | 2 | June |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

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

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

| TABLE 4.44. NESTING CENSUS FOR BEACH: FLORIDA: Indialantic and Melbourne Beach | | | | | |
|--|----------------------------|-------------------------------|---------------------|--|--|
| Table summarizes census | data for each beach listed | l in Table 3. Tables numbered | sequentially. | | |
| | | | 1 | | |
| Species | Numbe | r of Nests | Dates of collection | | |
| | Nest/Night (average) | Nest/Season (estimated) | | | |
| Caretta caretta | | 2,000 | Mid-May to | | |
| | | | late August | | |
| Chelonia mydas | | | | | |
| Dermochelys coriacea | | | | | |
| Eretmochelys imbricata | | | | | |
| Lepidochelys kempi | | | | | |
| Lepidochelys olivacea | | | | | |

| Canaveral) | | | |
|-------------------------|----------------------------|-----------------------------|--|
| Table summarizes census | data for each beach listed | in Table 3. Tables numbered | sequentially. |
| Species | Numbe | r of Nests | Dates of collection |
| ' | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | <u> </u> | 2,367 | Late May to late August |
| Chelonia mydas | | 10 | Mid-July to mid-August |
| Dermochelys coriacea | | | _ |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | 1 | September 1982: Canaveral Nationa Seashore |
| Lepidochelys olivacea | | | |

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

| TABLE 4.47. NESTING (| 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) | | | | |
| Caretta caretta | | 9 | Late May - late July | | | |
| Chelonia mydas | | 1 | Late June | | | |
| Dermochelys coriacea | | | | | | |

| Eretmochelys imbricata | | |
|------------------------|--|--|
| Lepidochelys kempi | | |
| Lepidochelys olivacea | | |

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) | |
| Caretta caretta | | 50 | May 31, June, July, August |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

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 | Numbe | Dates of collection | |
|------------------------|----------------------|-------------------------|------|
| | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | | 2 | June |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

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 | Numbe | r of Nests | Dates of collection |
|------------------------|----------------------|-------------------------|--------------------------|
| | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | | 2 | Early June to early July |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

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

| Species | Number | Dates of collection | |
|-----------------|----------------------|-------------------------|--------------------------------|
| | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | 0 | 9 | May, June, July, and August |

| Chelonia mydas | | |
|------------------------|--|--|
| Dermochelys coriacea | | |
| Eretmochelys imbricata | | |
| Lepidochelys kempi | | |
| Lepidochelys olivacea | | |

| Table summarizes census | data for each beach listed | I in Table 3. Tables numbered | sequentially. |
|-------------------------|----------------------------|-------------------------------|--------------------------------|
| Species | Numbe | r of Nests | Dates of collection |
| · | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | <u> </u> | 32 | May, June, July, and August |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

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

| Species | Numbe | r of Nests | Dates of collection |
|---|---------------------------------------|---|----------------------------------|
| | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | Ū , | 227 | May-August, 1974-1980 |
| Chelonia mydas | | | |
| Dermochelys coriacea | | Less than 1 | 1981 |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |
| | | ORGIA: Little Cumberland I | |
| | | ORGIA: Little Cumberland I in Table 3. Tables numbered | |
| | s data for each beach listed | | sequentially. |
| Table summarizes census | s data for each beach listed | l in Table 3. Tables numbered | sequentially. |
| Table summarizes census Species | s data for each beach listed Numbe | in Table 3. Tables numbered r of Nests | sequentially. |
| Table summarizes census Species Caretta caretta | s data for each beach listed Numbe | r of Nests Nest/Season (estimated) | Dates of collection May-August, |
| Table summarizes census Species Caretta caretta Chelonia mydas | s data for each beach listed Numbe | r of Nests Nest/Season (estimated) | Dates of collection May-August, |
| Table summarizes census Species Caretta caretta Chelonia mydas Dermochelys coriacea Eretmochelys imbricata | s data for each beach listed Numbe | r of Nests Nest/Season (estimated) | Dates of collection May-August, |
| Table summarizes census | s data for each beach listed Numbe | r of Nests Nest/Season (estimated) | Dates of collection May-August, |

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

| TABLE 4.56. NESTING C | ENSUS FOR BEACH: GE | ORGIA: 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) | | | |
| Caretta caretta | | 0 | | | |
| Chelonia mydas | | | | | |
| Dermochelys coriacea | | | | | |
| Eretmochelys imbricata | | | | | |
| Lepidochelys kempi | | | | | |
| Lepidochelys olivacea | | | | | |

| TABLE 4.57. NESTING C | ENSUS FOR BEACH: GE | ORGIA: Sea Island | | | |
|---|----------------------------|-----------------------------|-----------------|--|--|
| Table summarizes census | data for each beach listed | in Table 3. Tables numbered | l sequentially. | | |
| Species Number of Nests Dates of collection | | | | | |
| · | Nest/Night (average) | Nest/Season (estimated) | | | |
| Caretta caretta | | 19 | May-August | | |
| Chelonia mydas | | | | | |
| Dermochelys coriacea | | | | | |
| Eretmochelys imbricata | | | | | |
| Lepidochelys kempi | | | | | |
| Lepidochelys olivacea | | | | | |

| Table summarizes census | data for each beach listed | in Table 3. Tables numbered | sequentially. |
|-------------------------|----------------------------|-----------------------------|---------------------|
| Species | Numbe | r of Nests | Dates of collection |
| • | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | | 68 | May-August |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

| | | ORGIA: Wolf Island (Egg Is | |
|-------------------------|------------------------------|-------------------------------|---------------------|
| Table summarizes census | s data for each beach listed | l in Table 3. Tables numbered | sequentially. |
| Species | Numbe | r of Nests | Dates of collection |
| - F | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | | 51 | May-August |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

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

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

| | | ORGIA: St. Catherine's Islan | |
|------------------------|----------------------------|-------------------------------|---------------------|
| Table summanzes census | data for each beach listed | l in Table 3. Tables numbered | sequentially. |
| Species | Numbe | r of Nests | Dates of collection |
| -1 | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | | 85 | May-August |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

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

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

| 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 | l sequentially. | | |
| Species Number of Nests Dates of collection | | | | | |
| · | Nest/Night (average) | Nest/Season (estimated) | | | |
| Caretta caretta | | 19 | May-August | | |
| Chelonia mydas | | | | | |
| Dermochelys coriacea | | | | | |
| Eretmochelys imbricata | | | | | |
| Lepidochelys kempi | | | | | |
| Lepidochelys olivacea | | | | | |

| | ENSUS FOR BEACH: GE | in Table 3. Tables numbered | acquentially. |
|---------------------------|----------------------------|-----------------------------|--------------------------|
| Table suffillanzes census | data for each beach listed | in rable 5. rables numbered | sequentially. |
| Species | Numbe | r of Nests | Dates of collection |
| · | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | | 61 | May-August; 1974-1980 |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

| Table summarizes census | data for each beach listed | l in Table 3. Tables numbered | sequentially. | |
|---|----------------------------|-------------------------------|---------------|--|
| Species Number of Nests Dates of collection | | | | |
| | Nest/Night (average) | Nest/Season (estimated) | | |
| Caretta caretta | | 27 * | May-August | |
| Chelonia mydas | | | - | |
| Dermochelys coriacea | | | | |
| Eretmochelys imbricata | | | | |
| Lepidochelys kempi | | | | |
| Lepidochelys olivacea | | | | |
| · · | | | | |

| 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. | | | | | | |
|--|---|-----------------------------|-----------------|--|--|--|
| Table summarizes census | s data for each beach listed | in Table 3. Tables numbered | l sequentially. | | | |
| Species | Species Number of Nests Dates of collection | | | | | |
| | Nest/Night (average) | Nest/Season (estimated) | | | | |
| Caretta caretta | | * | May-August | | | |
| Chelonia mydas | | | | | | |
| Dermochelys coriacea | | | | | | |
| Eretmochelys imbricata | | | | | | |
| Lepidochelys kempi | | | | | | |
| Lepidochelys olivacea | | | | | | |
| | | | | | | |
| * Included under Cabbage | e 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 | Numbe | r of Nests | Dates of collection | | |
| | Nest/Night (average) | Nest/Season (estimated) | | | |
| Caretta caretta | | * | May-August | | |
| Chelonia mydas | | | | | |
| Dermochelys coriacea | | | | | |
| Eretmochelys imbricata | | | | | |
| Lepidochelys kempi | | | | | |
| Lepidochelys olivacea | | | | | |
| | | | | | |
| * Included under Cabbage | * Included under Cabbage Island | | | | |

| TABLE 4.70. NESTING C | ENSUS FOR BEACH: GE | ORGIA: Little Tybee Island | | |
|---|------------------------------|-----------------------------|---------------|--|
| Table summarizes census | s data for each beach listed | in Table 3. Tables numbered | sequentially. | |
| Species Number of Nests Dates of collection | | | | |
| O P00.00 | Nest/Night (average) | Nest/Season (estimated) | | |
| Caretta caretta | | * | May-August | |
| Chelonia mydas | | | | |
| Dermochelys coriacea | | | | |

| Eretmochelys imbricata | | | |
|---------------------------------|--|--|--|
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |
| | | | |
| * Included under Cabbage Island | | | |

| | ENSUS FOR BEACH: GE | | |
|-------------------------|------------------------------|-------------------------------|---------------------|
| Table summarizes census | s data for each beach listed | I in Table 3. Tables numbered | sequentially. |
| Species | Numbe | r of Nests | Dates of collection |
| ' | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | | 3 | May-August |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

| TABLE 4.72. NESTING CENSUS FOR BEACH: SOUTH CAROLINA: Turtle Island | | | | | |
|---|------------------------------|-----------------------------|---------------------|--|--|
| Table summarizes census | s data for each beach listed | in Table 3. Tables numbered | l sequentially. | | |
| | | | | | |
| Species | Numbe | r of Nests | Dates of collection | | |
| | Nest/Night (average) | Nest/Season (estimated) | | | |
| Caretta caretta | | 2 | 1980-1982 | | |
| Chelonia mydas | | | | | |
| Dermochelys coriacea | | | | | |
| Eretmochelys imbricata | | | | | |
| Lepidochelys kempi | | | | | |
| Lepidochelys olivacea | | | | | |

| TABLE 473. NESTING CI | ENSUS FOR BEACH: GEO | ORGIA: SOUTH CAROLINA: | Daufuskie Island |
|-------------------------|----------------------------|-----------------------------|---------------------|
| Table summarizes census | data for each beach listed | in Table 3. Tables numbered | l sequentially. |
| Species | Numbe | r of Nests | Dates of collection |
| · | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | | 10 | 1980-1982 |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

| 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 | Numbe | r of Nests | Dates of collection | | |
| | Nest/Night (average) | Nest/Season (estimated) | | | |
| Caretta caretta | | 71 | 1980-1982 | | |
| Chelonia mydas | | | | | |

| Dermochelys coriacea | | |
|------------------------|--|--|
| Eretmochelys imbricata | | |
| Lepidochelys kempi | | |
| Lepidochelys olivacea | | |

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) | |
| Caretta caretta | | 155 | 1980-1982 |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

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) | |
| Caretta caretta | | 42 | 1980-1982 |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

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) | |
| Caretta caretta | | 125 | 1980-1982 |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

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

| Species | Number | Dates of collection | |
|-----------------|----------------------|-------------------------|------|
| | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | | 130 | 1981 |
| Chelonia mydas | | | |

| Dermochelys coriacea | | |
|------------------------|--|--|
| Eretmochelys imbricata | | |
| Lepidochelys kempi | | |
| Lepidochelys olivacea | | |

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) | |
| Caretta caretta | | 125 | 1981 |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

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) | |
| Caretta caretta | | 203 | 1980-1982 |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

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) | |
| Caretta caretta | | 12 | 1980-1982 |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

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

| Species | Number | Number of Nests | | |
|-----------------|----------------------|-------------------------|------|--|
| | Nest/Night (average) | Nest/Season (estimated) | | |
| Caretta caretta | | 55 | 1981 | |
| Chelonia mydas | | | | |

| Dermochelys coriacea | | |
|------------------------|--|--|
| Eretmochelys imbricata | | |
| Lepidochelys kempi | | |
| Lepidochelys olivacea | | |

| Table summarizes census | data for each beach listed | l in Table 3. Tables numbered | seguentially. |
|-------------------------|----------------------------|-------------------------------|---------------------|
| | | | |
| Species | Number of Nests | | Dates of collection |
| • | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | | 65 | 1981 |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

| TABLE 4.84. NESTING CENSUS FOR BEACH: SOUTH CAROLINA: Botany Bay Island | | | | |
|---|------------------------------|-----------------------------|-----------------|--|
| Table summarizes census | s data for each beach listed | in Table 3. Tables numbered | l sequentially. | |
| Species Number of Nests Dates of collection | | | | |
| | Nest/Night (average) | Nest/Season (estimated) | | |
| Caretta caretta | | 127 | 1981 | |
| Chelonia mydas | | | | |
| Dermochelys coriacea | | | | |
| Eretmochelys imbricata | | | | |
| Lepidochelys kempi | | | | |
| Lepidochelys olivacea | | | | |

| | | UTH CAROLINA: Seabrook | | | |
|---|----------------------------|-----------------------------|---------------|--|--|
| 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) | | | |
| Caretta caretta | | 24 | 1980-1982 | | |
| Chelonia mydas | | | | | |
| Dermochelys coriacea | | | | | |
| Eretmochelys imbricata | | | | | |
| Lepidochelys kempi | | | | | |
| Lepidochelys olivacea | | | | | |

| TABLE 4.86. NESTING (| CENSUS FOR BEACH: SO | UTH CAROLINA: Kiawah Is | land | |
|-------------------------|------------------------------|-------------------------------|---------------------|--|
| Table summarizes census | s data for each beach listed | l in Table 3. Tables numbered | sequentially. | |
| | | | | |
| Species | Number of Nests | | Dates of collection | |
| | Nest/Night (average) | Nest/Season (estimated) | | |
| Caretta caretta | | 160 | 1972-1981 | |
| Chelonia mydas | | | | |
| Dermochelys coriacea | | | | |

| Eretmochelys imbricata | | |
|------------------------|--|--|
| Lepidochelys kempi | | |
| Lepidochelys olivacea | | |

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 Nest/Night (average) Nest/Season (estimated) Caretta caretta 17 1980-1982 Chelonia mydas Dermochelys coriacea Eretmochelys imbricata Lepidochelys kempi Lepidochelys olivacea

| | | UTH CAROLINA: Morris Isla | |
|-------------------------|----------------------------|-----------------------------|---------------------|
| Table summarizes census | data for each beach listed | in Table 3. Tables numbered | l sequentially. |
| Species | Numbe | r of Nests | Dates of collection |
| • | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | | 9 | 1980-1982 |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

| | | UTH CAROLINA: Sullivan's | |
|-------------------------|----------------------------|-------------------------------|---------------------|
| Table summarizes census | data for each beach listed | l in Table 3. Tables numbered | sequentially. |
| Species | Numbe | r of Nests | Dates of collection |
| ' | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | | 0 | 1980-1982 |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

| | | UTH CAROLINA: Isle of Pal | | |
|---|------------------------------|-----------------------------|-----------------|--|
| Table summarizes census | s data for each beach listed | in Table 3. Tables numbered | l sequentially. | |
| Species Number of Nests Dates of collection | | | | |
| | Nest/Night (average) | Nest/Season (estimated) | | |
| Caretta caretta | | 19 | 1980-1982 | |
| Chelonia mydas | | | | |
| Dermochelys coriacea | | | | |
| Eretmochelys imbricata | | | | |

| Lepidochelys kempi | | |
|-----------------------|--|--|
| Lepidochelys olivacea | | |

| Table summarizes census | data for each beach listed | I in Table 3. Tables numbered | sequentially. |
|-------------------------|----------------------------|-------------------------------|---------------------|
| Species | Numbe | r of Nests | Dates of collection |
| · · | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | | 5 | 1980-1982 |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

| TABLE 4.92. NESTING CENSUS FOR BEACH: SOUTH CAROLINA: Capers Island | | | | |
|---|------------------------------|-------------------------------|---------------------|--|
| Table summarizes census | s data for each beach listed | l in Table 3. Tables numbered | sequentially. | |
| | | | | |
| Species | Numbe | r of Nests | Dates of collection | |
| | Nest/Night (average) | Nest/Season (estimated) | | |
| Caretta caretta | | 33 | 1980-1982 | |
| Chelonia mydas | | | | |
| Dermochelys coriacea | | | | |
| Eretmochelys imbricata | | | | |
| Lepidochelys kempi | | | | |
| Lepidochelys olivacea | | | | |

| | | UTH CAROLINA: Bulls Islar | |
|-------------------------|------------------------------|-----------------------------|---------------------|
| Table summarizes census | s data for each beach listed | in Table 3. Tables numbered | sequentially. |
| Species | Numbe | r of Nests | Dates of collection |
| Оросно | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | | 60 | 1975-1981 |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

| Table summarizes census | data for each beach listed | l in Table 3. Tables numbered | sequentially. |
|-------------------------|----------------------------|-------------------------------|---------------------|
| Species | Numbe | r of Nests | Dates of collection |
| · | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | | 115 | 1975-1981 |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

| | | UTH CAROLINA: Lighthous | | | |
|---|------------------------------|-----------------------------|---------------|--|--|
| Table summarizes census | s data for each beach listed | in Table 3. Tables numbered | sequentially. | | |
| Species Number of Nests Dates of collection | | | | | |
| · | Nest/Night (average) | Nest/Season (estimated) | | | |
| Caretta caretta | | 207 | 1980-1982 | | |
| Chelonia mydas | | | | | |
| Dermochelys coriacea | | | | | |
| Eretmochelys imbricata | | | | | |
| Lepidochelys kempi | | | | | |
| Lepidochelys olivacea | | | | | |

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

| 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) | | | |
| Caretta caretta | | 95 | 1980-1982 | | |
| Chelonia mydas | | | | | |
| Dermochelys coriacea | | | | | |
| Eretmochelys imbricata | | | | | |
| Lepidochelys kempi | | | | | |
| Lepidochelys olivacea | | | | | |

| | | UTH CAROLINA: Cedar Isla | |
|-------------------------|----------------------------|-------------------------------|---------------------|
| Table summarizes census | data for each beach listed | l in Table 3. Tables numbered | sequentially. |
| Species | Numbe | r of Nests | Dates of collection |
| -1 | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | | 120 | 1980-1982 |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

| TABLE 4.99. NESTING C | ENSUS FOR BEACH: SO | UTH CAROLINA: South Isla | nd | | |
|---|----------------------------|-----------------------------|-----------------|--|--|
| Table summarizes census | data for each beach listed | in Table 3. Tables numbered | l sequentially. | | |
| Species Number of Nests Dates of collection | | | | | |
| | Nest/Night (average) | Nest/Season (estimated) | | | |
| Caretta caretta | | 150 | 1977-1982 | | |
| Chelonia mydas | | | | | |
| Dermochelys coriacea | | | | | |
| Eretmochelys imbricata | | | | | |
| Lepidochelys kempi | | | | | |
| Lepidochelys olivacea | | | | | |

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

| TABLE 4.101. NESTING | CENSUS FOR BEACH: SO | OUTH CAROLINA: North Isla | and | | |
|---|----------------------------|-----------------------------|---------------|--|--|
| 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) | | | |
| Caretta caretta | | 100 | 1977 | | |
| Chelonia mydas | | | | | |
| Dermochelys coriacea | | | | | |
| Eretmochelys imbricata | | | | | |
| Lepidochelys kempi | | | | | |
| Lepidochelys olivacea | | | | | |

| | | OUTH CAROLINA: Debidue | |
|-------------------------|----------------------------|-------------------------------|---------------------|
| rable summarizes census | data for each beach listed | l in Table 3. Tables numbered | sequentially. |
| Species | Numbe | r of Nests | Dates of collection |
| - P | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | | 45 | 1980-1982 |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

| TABLE 4.103. NESTING | CENSUS FOR BEACH: SO | OUTH CAROLINA: Grand St | rand | | |
|---|------------------------------|-----------------------------|---------------|--|--|
| Table summarizes census | s data for each beach listed | in Table 3. Tables numbered | sequentially. | | |
| Species Number of Nests Dates of collection | | | | | |
| O P O O O | Nest/Night (average) | Nest/Season (estimated) | | | |
| Caretta caretta | | 35 | 1980-1982 | | |
| Chelonia mydas | | | | | |
| Dermochelys coriacea | | | | | |
| Eretmochelys imbricata | | | | | |
| Lepidochelys kempi | | | | | |
| Lepidochelys olivacea | | | | | |

| 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. | | | | | |
|--|------------------------------|-----------------------------|-------------------------|--|--|
| Table summarizes census | s data for each beach listed | in Table 3. Tables numbered | sequentially. | | |
| | | | | | |
| Species | Numbe | r of Nests | Dates of collection | | |
| | Nest/Night (average) | Nest/Season (estimated) | | | |
| Caretta caretta | | 1 | June, July 1979-1982 | | |
| Chelonia mydas | | | | | |
| Dermochelys coriacea | | | | | |
| Eretmochelys imbricata | | | | | |
| Lepidochelys kempi | | | | | |
| Lepidochelys olivacea | | | | | |

| TABLE 4.105. NESTING | CENSUS FOR BEACH: N | ORTH CAROLINA: Ocean Is | le Beach | | |
|---|------------------------------|-----------------------------|---------------------|--|--|
| Table summarizes census | s data for each beach listed | in Table 3. Tables numbered | sequentially. | | |
| Species Number of Nests Dates of collection | | | | | |
| Species | | | Dates of Collection | | |
| | Nest/Night (average) | Nest/Season (estimated) | | | |
| Caretta caretta | | 2 | June-July 1982 | | |
| Chelonia mydas | | | | | |
| Dermochelys coriacea | | | | | |
| Eretmochelys imbricata | | | | | |
| Lepidochelys kempi | | | | | |
| Lepidochelys olivacea | | | | | |

| Table summarizes census | s data for each beach listed | in Table 3. Tables numbered | sequentially. |
|-------------------------|------------------------------|-----------------------------|---------------------|
| | | | <u> </u> |
| Species | Number of Nests | | Dates of collection |
| • | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | | 1 | June, July |
| | | | 1979-1982 |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

| 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 | Species Number of Nests Dates of | | | | |
| | Nest/Night (average) | Nest/Season (estimated) | | | |
| Caretta caretta | | 4 | June, July, August 1979-1982 | | |
| Chelonia mydas | | | | | |
| Dermochelys coriacea | | | | | |
| Eretmochelys imbricata | | | | | |
| Lepidochelys kempi | | | | | |
| Lepidochelys olivacea | | | | | |

| _ | | | |
|--|---------------------------------------|---|--|
| Species | | r of Nests | Dates of collection |
| | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | | 52 | May, June, July, August 1977-1982 |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |
| | CENSUS FOR BEACH: N | ORTH CAROLINA: Carolina | Beach Inlet to |
| TABLE 4.109. NESTING Corncake Inlet | | | |
| TABLE 4.109. NESTING Corncake Inlet | | ORTH CAROLINA: Carolina I in Table 3. Tables numbered | |
| TABLE 4.109. NESTING Corncake Inlet Table summarizes censu | s data for each beach listed | | |
| TABLE 4.109. NESTING Corncake Inlet | s data for each beach listed Numbe | l in Table 3. Tables numbered | I sequentially. |
| TABLE 4.109. NESTING Corncake Inlet Table summarizes censu Species | s data for each beach listed | I in Table 3. Tables numbered | I sequentially. |
| TABLE 4.109. NESTING Corncake Inlet Table summarizes censu Species Caretta caretta | s data for each beach listed Numbe | r of Nests Nest/Season (estimated) | Dates of collection June, July |
| TABLE 4.109. NESTING Corncake Inlet Table summarizes censu Species Caretta caretta Chelonia mydas | s data for each beach listed Numbe | r of Nests Nest/Season (estimated) | Dates of collection June, July |
| TABLE 4.109. NESTING Corncake Inlet Table summarizes censu | s data for each beach listed Numbe | r of Nests Nest/Season (estimated) | Dates of collection June, July |
| TABLE 4.109. NESTING Corncake Inlet Table summarizes censu Species Caretta caretta Chelonia mydas Dermochelys coriacea | s data for each beach listed Numbe | r of Nests Nest/Season (estimated) | I sequentially. Dates of collection June, July |

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

| Eretmochelys imbricata | | |
|------------------------|--|--|
| Lepidochelys kempi | | |
| Lepidochelys olivacea | | |

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 | Numbe | Dates of collection | |
|------------------------|----------------------|-------------------------|-------------------------|
| | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | | 2 | June, July 1979-1982 |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

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) | |
| Caretta caretta | | 4 | June, July 1979-1982 |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

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

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

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

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

| 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 | Species Number of Nests Dates of collection | | | | |
| | Nest/Night (average) | Nest/Season (estimated) | | | |
| Caretta caretta | | 62 | May, June, July, August 1979-1982 | | |
| Chelonia mydas | | Less than 1 | 1980 | | |
| Dermochelys coriacea | | | | | |
| Eretmochelys imbricata | | | | | |
| Lepidochelys kempi | | | | | |
| Lepidochelys olivacea | | | | | |

| 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 | Species Number of Nests Dates of collection | | | | |
| | Nest/Night (average) | Nest/Season (estimated) | | | |
| Caretta caretta | | 18 | June, July, August 1975-1982 | | |
| Chelonia mydas | | | | | |
| Dermochelys coriacea | | | | | |
| Eretmochelys imbricata | | | | | |
| Lepidochelys kempi | | | | | |
| Lepidochelys olivacea | | | | | |

| Table summarizes census | s data for each beach listed | in Table 3. Tables numbered | sequentially. |
|-------------------------|------------------------------|-----------------------------|--------------------------------------|
| Species | Numbe | r of Nests | Dates of collection |
| • | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | | 50 | May, June, July, August 1975-1982 |
| Chelonia mydas | | | _ |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

| 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 | Species Number of Nests Dates of co | | | | | |
| - | Nest/Night (average) | Nest/Season (estimated) | | | | |
| Caretta caretta | | 10 | May, June, July, August 1975-1982 | | | |
| Chelonia mydas | | | | | | |
| Dermochelys coriacea | | | | | | |
| Eretmochelys imbricata | | | | | | |
| Lepidochelys kempi | | | | | | |
| Lepidochelys olivacea | | | | | | |

| Table summarizes census | s data for each beach listed | l in Table 3. Tables numbered | d sequentially. |
|---|---------------------------------------|--|--------------------------------------|
| | | | |
| Species | | r of Nests | Dates of collection |
| | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | | 3 | June, July, Augus 1978-1982 |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |
| TABLE 4.120. NESTING | CENSUS FOR BEACH: N | ORTH CAROLINA: Core Bar | nks (including Cap |
| TABLE 4.120. NESTING Lookout) | | | |
| TABLE 4.120. NESTING Lookout) | | ORTH CAROLINA: Core Bar | |
| TABLE 4.120. NESTING Lookout) Table summarizes census | s data for each beach listed | | |
| TABLE 4.120. NESTING Lookout) | s data for each beach listed Numbe | I in Table 3. Tables numbered | I sequentially. |
| TABLE 4.120. NESTING Lookout) Table summarizes census Species | s data for each beach listed | l in Table 3. Tables numbered | I sequentially. |
| TABLE 4.120. NESTING Lookout) Table summarizes census Species Caretta caretta | s data for each beach listed Numbe | in Table 3. Tables numbered or of Nests Nest/Season (estimated) | Dates of collection May, June, July, |
| TABLE 4.120. NESTING Lookout) Table summarizes census Species Caretta caretta Chelonia mydas | s data for each beach listed Numbe | in Table 3. Tables numbered or of Nests Nest/Season (estimated) | Dates of collectio May, June, July, |
| TABLE 4.120. NESTING Lookout) Table summarizes census | s data for each beach listed Numbe | in Table 3. Tables numbered or of Nests Nest/Season (estimated) | Dates of collectio |
| TABLE 4.120. NESTING Lookout) Table summarizes census Species Caretta caretta Chelonia mydas Dermochelys coriacea | s data for each beach listed Numbe | in Table 3. Tables numbered or of Nests Nest/Season (estimated) | Dates of collection May, June, July, |

| | | ORTH CAROLINA: Ocracoko in Table 3. Tables numbered | |
|------------------------|---------------------------|--|--------------------------------------|
| Table cummanzee coned | data for each beach noted | THE PUBLIC OF PUBLIC HAMBEROA | ooquorinany. |
| Species | Number of Nests | | Dates of collection |
| - | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | | 4 | May, June, July, August 1979-1982 |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |

| Lepidochelys kempi | | |
|-----------------------|--|--|
| Lepidochelys olivacea | | |

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) | |
| Caretta caretta | | 18 | May, June, July, August 1971-1982 |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

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) | |
| Caretta caretta | | 1 | June, July, August; 1979-1982 |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

TABLE 4.124. NESTING CENSUS FOR BEACH: NORTH CAROLINA: Currituck Banks (Virgina 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) | |
| Caretta caretta | | 2 | June, July 1979-1982 |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

| Table summarizes census | data for each beach listed | l in Table 3. Tables numbered | sequentially. |
|-------------------------|----------------------------|-------------------------------|---------------------|
| | | | <u> </u> |
| Species | Numbe | r of Nests | Dates of collection |
| · | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | | 1 | Not recorded |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

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

| 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 | Numbe | r of Nests | Dates of collection | | | |
| | Nest/Night (average) | Nest/Season (estimated) | | | | |
| Caretta caretta | | 2 | Not recorded | | | |
| Chelonia mydas | | | | | | |
| Dermochelys coriacea | | | | | | |
| Eretmochelys imbricata | | | | | | |
| Lepidochelys kempi | | | | | | |
| Lepidochelys olivacea | | | | | | |

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

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

| TABLE 4.130. NESTING | CENSUS FOR BEACH: VI | RGINIA: Sandbridge | |
|-----------------------------|------------------------------|-------------------------------|---------------------|
| Table summarizes census | s data for each beach listed | l in Table 3. Tables numbered | sequentially. |
| Species | Numbe | r of Nests | Dates of collection |
| | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | | Less than 1 | July 1980 |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

| TABLE 4.131. NESTING Refuge | CENSUS FOR BEACH: VI | RGINIA: Chincoteague Nati | onal Wildlife |
|-----------------------------|------------------------------|-------------------------------|---------------------|
| Table summarizes census | s data for each beach listed | l in Table 3. Tables numbered | l sequentially. |
| | | | |
| Species | Number of Nests | | Dates of collection |
| | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | | 1 | July 1975-1982 |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

| Seashore | CENSUS FUR BEACH: M | ARYLAND: Assateague Isla | na national |
|-------------------------|------------------------------|-----------------------------|---------------------|
| Table summarizes census | s data for each beach listed | in Table 3. Tables numbered | l sequentially. |
| Species | Number of Nests | | Dates of collection |
| - | Nest/Night (average) | Nest/Season (estimated) | |
| Caretta caretta | | 1 | 1977-1979 |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

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) | |
| Caretta caretta | | Less than 1 | 1980 |
| Chelonia mydas | | | |
| Dermochelys coriacea | | | |
| Eretmochelys imbricata | | | |
| Lepidochelys kempi | | | |
| Lepidochelys olivacea | | | |

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 | Numbe | r of Nests | Dates of collection | | |
|------------------------|----------------------|-------------------------|---------------------|--|--|
| | Nest/Night (average) | Nest/Season (estimated) | | | |
| Caretta caretta | | Less than 1 | 1972 | | |
| Chelonia mydas | | | | | |
| Dermochelys coriacea | | | | | |
| Eretmochelys imbricata | | | | | |
| Lepidochelys kempi | | | | | |
| Lepidochelys olivacea | | | | | |

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 | | Νι | umbers o | of Nesting | g Tracks* | ** | |
|-------------|----------------------|-----|----|----------|------------|-----------|----|-------|
| | , | Сс | Cm | D | Е | 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 | d | Nι | umbers o | of Nestin | g Tracks* | ** | |
|----------------|---------------------|-------|----|----------|-----------|-----------|----|-------|
| | | Сс | 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 coas | t) 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 | Abbrevia | ion | | | | | | |

| Species | Abbreviation |
|------------------------|--------------|
| Caretta caretta | Cc |
| Chelonia mydas | Cm |
| Dermochelys coriacea | D |
| Eretmochelys imbricata | E |
| Lepidochelys kempi | Lk |
| Lepidochelys olivacea | Lo |
| | |

^{*} Note: A compiled data table for 1982 sea turtle aerial beach surveys is attached.

^{**} Editor's note (2009): 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 Caretta caretta 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).

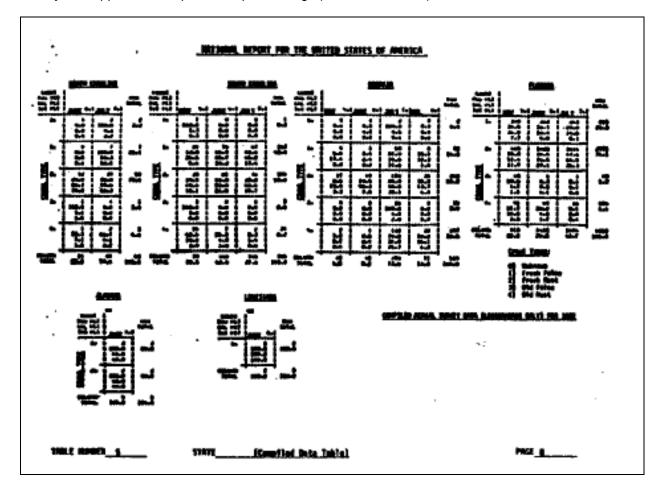


TABLE 5A. AERIAL BEACH SURVEY SUMMARY (supplementary page)

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* | | | |
| Caretta caretta | 28,884 | | 18,297 | 28,448 | | |
| Chelonia mydas | | | | 182 | | |
| Dermochelys coriacea | | | | 38 | | |
| Eretmochelys imbricata | | | | 2 | | |
| Lepidochelys kempi | | | | Less than 1 | | |
| Lepidochelys olivacea | | | | 0 | | |
| | | | | | | |

^{*} Estimates from aerial surveys from North Carolina through Florida's east coast: records for fresh nest crawls of *Caretta caretta* only

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 | Caretta caretta | Chelonia mydas | Dermochelys coriacea | Eretmochelys imbricata | Lepidochelys kempi |
|-------------|--------------------|-------------------|-------------------------|------------------------|-----------------------|
| 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):

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

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

^{**} 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.

| Name of Area (or give coordinates) | Approx. Area (Km²) | 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 lon 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 | on | |
| Caretta caretta | Сс | | |
| Chelonia mydas | Cm | | |
| Dermochelys coriacea | D | | |
| Eretmochelys imbricata E | | | |
| Lepidochelys kempi | Lk | | |
| Lepidochelys olivacea | 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 | М | Α | М | J | J | Α | S | 0 | N | D | Oreatest Activity |
| Caretta caretta | Х | Х | Х | Χ | Х | Χ | Χ | Х | Х | Х | Χ | Х | March-November |
| Chelonia mydas | Х | Х | Χ | Х | Х | Х | Х | Х | Х | Х | Х | Х | April-October |
| Dermochelys coriacea | | | | | Х | Х | Х | Х | Х | Х | Х | | June-October |
| Eretmochelys imbricata | Х | Х | Χ | Х | Χ | Х | Х | Х | Χ | Х | Х | Х | April-October |
| Lepidochelys kempi | Х | Х | Χ | Χ | Х | Χ | Х | Х | Х | Х | Χ | Х | May-November |
| Lepidochelys olivacea | | | | | | | | | | | | | |

^{*} 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 | Α | M | J | J | Α | S | 0 | N | D | |
| Caretta caretta | X | X | X | X | X | Χ | X | X | Χ | X | Х | X | February, March, June, October, December** |

| Chelonia mydas | | | | | | | | |
|------------------------|---|---|---|---|---|---|--|--|
| Dermochelys coriacea | | | | Χ | Х | Χ | | |
| Eretmochelys imbricata | | | | | | | | |
| Lepidochelys kempi | Χ | X | Χ | | | | | |
| Lepidochelys olivacea | | | | | | | | |
| | | | | | | | | |

 ^{*} Greatest occurrence; activity not measured
 ** Editor's note (2009): Order in which months appear in this Table 8.2 differs from that which is displayed in the original National Report. Editor made changes to maintain consistency among all reports, listing months in descending order, from the first to the last month.

| TABLE 9. NON-FOR | RAGING | TURTLES A | AT SEA. | | | | | | | |
|--|----------------|---------------|---|---|--|--|--|--|--|--|
| Please provide any in | nformat | ion available | on the incidence of t | urtles in offshore areas. | | | | | | |
| | | | | | | | | | | |
| Location (Give Lat. & Long. Coordinates) | | Date | Species and Est. Nos. (Abbreviations) | Comments | | | | | | |
| Texas through Massachusetts | Spring fall | g, summer, | Cc, D | Pelagic aerial surveys have and are documenting offshore distributions seasonally | | | | | | |
| | | | | | | | | | | |
| Species | | Abbreviation | | | | | | | | |
| Caretta caretta | | Сс | | | | | | | | |
| Chelonia mydas | | Cm | | | | | | | | |
| Dermochelys coriace | а | D | | | | | | | | |
| Eretmochelys imbric | | Е | | | | | | | | |
| Lepidochelys kempi | | Lk | | | | | | | | |
| Lepidochelys olivace | a | Lo | | | | | | | | |

| Life Stage Unit | Species (abbrev.) | Causes* | Extent of Mortality (% of Unit) |
|-------------------|---------------------|---|---------------------------------|
| Nests/eggs | Cc, Cm, D | Tidal inundation; beach erosion. Weather (heavy rains, storms, hurricanes). Habitat destruction (buildings, seawalls, other erosion control structures; beach mining; beach cleaning). Plant roots. Invertebrate predators (ghost crabs, ants). Vertebrate predators (raccoons, feral pigs, dogs, foxes, rats). | ** |
| Hatchlings | Cc, Cm, D | Artificial lighting shoreward of nesting beaches. Ghost crabs. Birds. Fish (including sharks). Fouling or ingestion of petroleum and plastic products. | *** |
| Juveniles | Cc, Cm, Lk | Fouling or ingestion of petroleum and plastic products. Sharks. Killer whales. Hypothermia. Diseases. Chemical pollution. | *** |
| Adults (in water) | Cc, Cm, D, E, Lk | Fouling or ingestion of petroleum and plastic products. Sharks. Killer whales. Hypothermia. Diseases. Chemical pollution. | **** |
| Nesting females | Cc, Cm, D, E, Lk | | Estimated less than 0.01% |

| Species | Abbreviation |
|------------------------|--------------|
| Caretta caretta | Cc |
| Chelonia mydas | Cm |
| Dermochelys coriacea | D |
| Eretmochelys imbricata | E |
| Lepidochelys kempi | Lk |
| Lepidochelys olivacea | 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 SITE | S FOR TURTLE | S AND TURTLE PRODUC | CTS | |
|------------------------|--------------------------------------|---------------------|-----------------------|------------------------------------|
| Name of Port or Site | Species Landed (use abbrev) | Fishing Gear Used | Months of Landings | Numbers & Weights (estimate) |
| None | | | | |
| Species | Abbreviation | | | |
| Caretta caretta | Cc | | | |
| Chelonia mydas | Cm | | | |
| Dermochelys coriacea | D | | | |
| Eretmochelys imbricata | E | | | |
| Lepidochelys kempi | Lk | | | |
| Lepidochelys olivacea | Lo | | | |

| TABLE 12. TOTAL ANNUA | | | | |
|------------------------------|------------------|---------------|----------------|-------------------------|
| Do not include turtles caugh | nt incidental to | other fishing | g operations (| e.g., shrimp trawling) |
| Species | | Year | | Method of Determination |
| · | 1982 | 1981 | 1980 | |
| Caretta caretta | None | None | None | * |
| Chelonia mydas | None | None | None | * |
| Dermochelys coriacea | None | None | None | * |
| Eretmochelys imbricata | None | None | None | * |
| Lepidochelys kempi | None | None | None | * |

| Lepidochelys olivacea | None | None | None | * |
|---|------|------|------|---|
| | | | | |
| * Editor's note (2009): 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

| | Voor | Dounds (thousand) | \/alua & /thausaad\ |
|------|--------------------|-------------------|---------------------|
| 1950 | Year | Pounds (thousand) | Value \$ (thousand) |
| 1950 | *** (Unclassified) | 7 | 7 |
| 1051 | (Unclassified) | (74) | (5) |
| 1951 | (Linglesoified) | 9 | 1 (5) |
| 1050 | (Unclassified) | (74) 97 | (5) 14 |
| 1952 | (Unclassified) | 97 (74) | |
| 1953 | (Officiassified) | 15 | (5) |
| 1900 | (Unclassified) | (74) | (5) |
| 1954 | (Officiassified) | 3 | 1 **** |
| 1334 | (Unclassified) | (34) | (3) |
| 1955 | (Officiassified) | 1 | 1 **** |
| 1900 | (Unclassified) | (21) | (2) |
| 1956 | (Oriolassilica) | 5 | 1 |
| 1957 | | 4 | 1 |
| 1001 | (Unclassified) | (1) | (1) **** |
| 1958 | (Oriolassilica) | 9 | 1 |
| 1959 | | 12 | 1 |
| 1960 | | 31 | 4 |
| 1961 | | 36 | 6 |
| 1001 | (Unclassified) | 1 | (1) **** |
| 962 | (Oriolassinea) | 31 | 4 |
| 1002 | (Unclassified) | (1) | (1) **** |
| 1963 | (Oriolassinea) | 55 | 9 |
| 1000 | (Unclassified) | (2) | (1) **** |
| 1964 | (Gridiassinea) | 33 | 4 |
| 1001 | (Unclassified) | (4) | (1) |
| 1965 | (2.13.232.1134) | 31 | 5 |
| | (Unclassified) | (4) | (1)**** |
| 1966 | (22.0000) | 31 | 5 |
| | (Unclassified) | (7) | (1) |
| 1967 | | 154 | 25 |
| | (Unclassified) | (6) | (1) |
| 968 | | 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 FIS Listing and Protecting the Green Loggerhead, and Olive Ridley Under the

Information from the EIS Listing and Protecting the Green, Loggerhead, and Olive Ridley Under the Endangered Species Act of 1973

| 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)**** | |

^{*} Editor's note (2009): 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.

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

| 11.5 | Landings of | oggerhaad | Saa Turtlas | . ** |
|------|-------------|-----------|-------------|------|
| 11.5 | | OCCEPTEAC | Sea Luines | • |

| | 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 |

^{**} 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.

^{*** &}quot;Unclassified" means landings of turtles unclassified as to species. These unclassified turtles may include some green sea turtles.

^{****} Less than \$500.

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

| | O.O. Land | dings of Loggerhead Sea Turt | |
|------|---------------------|------------------------------|----------|
| 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 | (11 1 26 8 | 3 | 1 **** |
| 000 | (Unclassified) | (4) | (2) |
| 969 | (1.1., -1., -2.251) | 1 | ' |
| 1070 | (Unclassified) | (9) | (3) |
| 1970 | (Linglessified) | 1 (12) | • |
| 1971 | (Unclassified) | (13) 27 | (3) |
| 1971 | (Unclassified) | | (10) |
| 1972 | (Officiassified) | (20) 8 | (10) |
| 1972 | | 44 | 5 |
| 1973 | | <u> </u> | 1 |
| 1314 | (Unclassified) | (2) | (1) **** |

^{*} Editor's note (2009): 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.

^{****} Less than \$500.

| 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** | |
| Caretta caretta | 42,868 11,738 | 42,868 11,738 | 42,868 11,738 | Shrimp trawling. Estimated from NMFS observer records |
| Chelonia mydas | <u>432</u> 97 | <u>432</u> 97 | <u>432</u> 97 | |

^{**} 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.

[&]quot;Unclassified" means landings of turtles unclassified as to species. These unclassified turtles may include some loggerhead sea turtles.

| Dermochelys coriacea | 1,476 | 1,476 | 1,476 | |
|------------------------|-------|-------|------------|--|
| | 505 | 505 | 505 | |
| Eretmochelys imbricata | | | | |
| Lepidochelys kempi | 843 | 843 | <u>843</u> | |
| | 275 | 275 | 275 | |
| Lepidochelys olivacea | | | | |
| | | | | |

^{*} Editor's note (2009): 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.

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 | |
| Caretta caretta | ** | ** | ** | Boat collision. Gill nets (for shark, sturgeon, and shad). Pound nets. Power plant seawater intakes. Fish trawling. Hook and line fishing. Channel dredging. |
| Chelonia mydas | ** | ** | ** | Power plant seawater intakes. Hook and line fishing. Speargun fishing. Channel dredging. |
| Dermochelys coriacea | ** | ** | ** | Pound nets. Fish trawling. Power plant seawater intakes. Long line fishing. |
| Eretmochelys imbricata | ** | ** | ** | Speargun fishing. Power plant seawater intakes. |
| Lepidochelys kempi | ** | ** | ** | Pound nets. Hook and line fishing. |
| Lepidochelys olivacea | 0 | 0 | 0 | |

^{*} *Editor's note (2009):* 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.

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.

^{**} Estimated mean annual catch (upper number) and subsequent mortality (lower number)

^{**} Data insufficient to estimate numbers caught or killed.

| | | | | 1 = |
|------------------------|------|-------|-------|---|
| Species | Year | | | Type of Fishing Activity & Method of Estimation |
| | 1982 | 1981* | 1980* | |
| Caretta caretta | | 53 | 53 | Japanese tuna longlines. NMFE observers' records at 20% fishing coverage times 5. |
| Chelonia mydas | | 8 | 8 | Japanese tuna longlines. NMFE observers' records at 20% fishing coverage times 5. |
| Dermochelys coriacea | | 38 | 38 | Japanese tuna longlines. NMFE observers' records at 20% fishing coverage times 5. |
| Eretmochelys imbricata | | | | |
| Lepidochelys kempi | | | | |
| Unidentified species | | 33 | 33 | Japanese tuna longlines. NMFE observers' records at 20% fishing coverage times 5. |

| 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 | * | * | * | | |

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

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 kempi

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 | | Hat | tchery Opera | ations | | Hole | ding Live Tu | rtles |
|---|------------------|---------------|----------------|-------------------|---------------|-----------------|------------------|----------------|
| | Eggs Collect. | Eggs Hatch | No. Release | Age at Release | No. Retain | No. of Juvs. | Adult Females | Adult Males |
| Caretta caretta (Galveston) | | 2,000 | 220 | about 6 months | 0 | | | |
| Chelonia mydas | | | | | | | | |
| Dermochelys coriacea | | | | | | | | |
| Eretmochelys imbricata | | | | | | | | |
| Lepidochelys kempi (Padre Island, Galveston) | 13,097 | 9,223 | 7,946 | 6-10 months | 322 | 95 | | |
| Lepidochelys olivacea | | | | | | | | |
| * Summary Table | - (47.40) - | u - di - d | | | | | | |

^{*} 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).

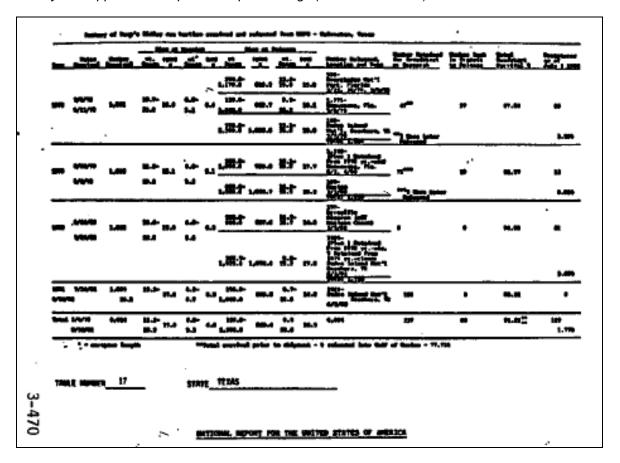


TABLE 17.2. TURTLE MARICULTURE OPERATIONS. FLORIDA. YEAR: 1971-1982

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 | | Ha | tchery Opera | ations | | Holding Live Turtles | | |
|--------------------------|------------------|---------------|----------------|-------------------|---------------|----------------------|------------------|----------------|
| | Eggs Collect. | Eggs Hatch | No. Release | Age at Release | No. Retain | No. of Juvs. | Adult Females | Adult Males |
| Caretta caretta | | | About 500 | | | | | |
| Chelonia mydas | | | > 14,000 | | | | | |
| Dermochelys coriacea | | | | | | | | |
| Eretmochelys imbricata | | | | | | | | |
| Lepidochelys kempi | | | | | | | 3 | 9 |
| Lepidochelys olivacea | | | | | | | | |

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 | | Ha | tchery Opera | ations | | Hole | ding Live Tu | rtles |
|--------------------------|------------------|---------------|----------------|-------------------|---------------|-----------------|------------------|----------------|
| | Eggs Collect. | Eggs Hatch | No. Release | Age at Release | No. Retain | No. of Juvs. | Adult Females | Adult Males |
| Caretta caretta | | | | | | | | |
| Chelonia mydas | 468 | 95 | 71 | 1 day | 24 dead | 6? 1 | | |
| Dermochelys coriacea | | | | | | | | |
| Eretmochelys imbricata | | | | | | | | |
| Lepidochelys kempi | | | | | | | | |
| Lepidochelys olivacea | | | | | | | | |

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 | | Hat | tchery Opera | ations | | Holding Live Turtles | | |
|--------------------------|------------------|---------------|----------------|-------------------|---------------|----------------------|------------------|----------------|
| | Eggs Collect. | Eggs Hatch | No. Release | Age at Release | No. Retain | No. of Juvs. | Adult Females | Adult Males |
| Caretta caretta | 60,896 | 37,135 | 37,135 | Same night | 0 | | | |
| Chelonia mydas | | | | | | | | |
| Dermochelys coriacea | | | | | | | | |
| Eretmochelys imbricata | | | | | | | | |
| Lepidochelys kempi | | | | | | | | |
| Lepidochelys olivacea | | | | | | | | |

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 | | Hat | tchery Opera | ations | | Holding Live Turtles | | |
|------------------------|------------------|---------------|----------------|-------------------|---------------|----------------------|------------------|----------------|
| | Eggs Collect. | Eggs Hatch | No. Release | Age at Release | No. Retain | No. of Juvs. | Adult Females | Adult Males |
| Caretta caretta | 16,768 | 12,179 | 12,179 | Same night | 0 | | | |
| Chelonia mydas | | | | | | | | |
| Dermochelys coriacea | | | | | | | | |
| Eretmochelys imbricata | | | | | | | | |
| Lepidochelys kempi | | | | | | | | |
| Lepidochelys olivacea | | | | | | | | |

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 | | Llo | tchery Opera | ations | | Hole | Holding Live Turtles | | |
|------------------------|------------------------|------------------------|---------------------|--------------------|--------|------------------------|----------------------|-------|--|
| Species | | ı ıa | tonery Opera | 1110113 | | riolaling Live rattles | | | |
| | Eggs | Eggs | No. | Age at | No. | No. of | Adult | Adult | |
| | Collect. | Hatch | Release | Release | Retain | Juvs. | Females | Males | |
| Caretta caretta | 14,000 to 22,000 | 10,000 to 15,000 | 10,000 to 15,000 | 2 hours emerged | <0.01 | None | None | None | |
| Chelonia mydas | | | | | | | | | |
| Dermochelys coriacea | | | | | | | | | |
| Eretmochelys imbricata | | | | | | | | | |
| Lepidochelys kempi | | | | | | | | | |
| Lepidochelys olivacea | | | | | | | | | |

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 freshwater 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 |
| Caretta caretta 1979 1980 | 3,414 | 1,290 1,777 | 1,290 1,659 | 3 days 3 days | | 1981& 1982- 6 | 1 | 1 |
| Chelonia mydas | | | | | | | | |
| Dermochelys coriacea | | | | | | | | |
| Eretmochelys imbricata | | | | | | | | |
| Lepidochelys kempi | | | | | | | | |
| Lepidochelys olivacea | | | | | | | | |

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 |
| 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 | No. of Active | Activities in Progress |
|---|---------------|---|
| Name And Address | Members | |
| David E. Luginbuhl Research Institute for Endangered Species, Inc. P.O. Box 263, Ellington Connecticut 06029 USA | ? | 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> |

| | BLE 18.3. PUBLIC AND PRIVATE INSTI NSERVATION/MANAGEMENT/UTILIZA | | |
|-----|--|--------------------------|--|
| | Institution or Organization Name And Address | No. of Active Members | Activities in Progress |
| 1. | Florida Department of Natural Resources and its permit holders | Wellberg | 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 as salvage; relocate nests |
| 6. | Everglades National Park Homestead | | Strandings and salvage |
| 7. | National Key Deer Refuge Big Pine Key | | Strandings and salvage |
| 8. | | | 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 |
| | 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 |
|---|--------------------------|--|
| 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. |
| 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 | 4 | Trawl surveys; radio tracking |
| Pascagoula Mississippi | | |
| 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 | | |

| | BLE 18.8. PUBLIC AND PRIVATE I NSERVATION/MANAGEMENT/UTI | | |
|----|---|--------------------------|--|
| | 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 | | |

| CONSERVATION/MANAGEMENT/UTIL | IZATION. STA | ATE: SOUTH CAROLINA |
|--|--------------------------|--|
| Institution or Organization Name And Address | No. of Active Members | Activities in Progress |
| 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 |
| South Carolina Sea Grant Consortium 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; audiovisual presentations |
| 7. South Carolina Wildlife and Marine Resources Charleston, South Carolina | 1 | Tagging |

| Institution or Organization | No. of Active | Activities in Progress |
|--|---------------|--|
| Name And Address | Members | - |
| Padre Island National Seashore * Texas | 1 | Patrolling; headstarting; strandings; meetings |
| Texas Parks and Wildlife Texas | | Patrolling parks; law enforcement |
| Aransas National Wildlife Refuge Texas | | Patrolling Metagorda and recording stranding |
| 4. Ila Loctscher's Group | | Promoting turtle conservation by public relations programming and patrolling |
| 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 |

^{*} Editor's note (2009): 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 | | | |
| Virginia Inst. Marine Sciences Gloucester Point, Virginia 23062 | 2 | Marine turtle strandings; network; mortality; information and radio tracking | | | |
| 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 |
|--|---|
| 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 | | | | | | | Act | ivities | ** | | | | | | |
|-------|-----|-----|----|----|----|----|-----|---------|----|-----|-----|-----|-----|-----|---------|
| | A1 | A2 | A3 | A4 | A5 | A6 | A7 | A8 | A9 | A10 | A11 | A12 | A13 | A14 | A 15 |
| 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 | | | | | | | |
|----|-----------------------------|-----|------------------|--|--|--|--|--|
| | 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 | Autoposy | | | | | |
| A7 | Aerial survey | A15 | Data analysis | | | | | |
| A8 | Tagging | | | | | | | |

| TABLE 19.1. SANCTU | ARIES AND | REFUGES. STATE: GEORGIA | |
|--|------------------------------|---|---|
| Name and Location | Area Km ² | Reason(s) for Protection | Type and effectiveness of Enforcement |
| All Ceorgia 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. |

| 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 |

- 1 *Editor's note (2009):* Each of these three locations and the attendant information were cited twice in original National Report. They are listed only once in this report.
- 2 Editor's note (2009): Geographic extent of area, in Km², cited in original National Report.
- 3 *Editor's note (2009):* Geographic extent of area, in acres, cited in other site description (May 2008). http://www.njaudubon.org/Tools2.Net/IBBA/SiteDetails.aspx?sk=3154.
- 4 Square kilometer equivalent based on area reported in area description (note # 3 above).
- 5 Editor's note (2009): Geographic extent of area, in Km², cited in original National Report.
- 6 *Editor's note (2009):* Geographic extent of area, in acres, cited in other site description (May 2008). http://www.njaudubon.org/Tools2.Net/IBBA/SiteDetails.aspx?sk=3161.
- 7 Square kilometer equivalent based on area reported in area description (note # 6 above).
- 8 Editor's note (2009): Geographic extent of area, in Km², cited in original National Report.
- 9 *Editor's note (2009):* Geographic extent of area, in acres, cited in other site description (May 2008). http://www.njaudubon.org/Tools2.Net/IBBA/SiteDetails.aspx?sk=3155.

- 10 Square kilometer equivalent based on area reported in area description (note # 9 above).
- 11 Editor's note (2009): Geographic extent of area, in Km², cited in original National Report.
- 12 *Editor's note (2009):* 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 Editor's note (2009): Geographic extent of area, in Km2, cited in original National Report.
- 15 *Editor's note (2009):* 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 Km² | 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 | | | |
| | | | | | | |

Editor's notes (2009):

- 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.discoversouthcarolina.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 | Budget Allocation | No. of Staff | Comments on Levels |
|---|-------------------|---------------------|---|
| Organization | to Turtles | Assigned to Turtles | 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 19730

| 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)

<u>Listed as Threatened Species</u>

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 P | ROJECTS | S * | |
|--|-------------|-----------------|--|
| List turtle research activities funded with | nin your co | ountry. | |
| Project Title | D | ate | Name and Address of Institution & Chief |
| Project Tille | Start | End | Investigator |
| Regional Coordination: | 1978 | Contin- | Fred Berry |
| Kemp's Ridley Headstart Strandings Tagging Nest / crawl surveys; population analysis Fishery conflicts Tracking (satellite/radio) Biochemical identification (sea turtle meats and oils) Aerial surveys: Quantify turtle populations for Western Atlantic Turtle Symposium | | uing | Marine Mammal and Endangered Species Program Manager Southeast Fisheries Center 75 Virginia Beach Drive Miami, Florida 33149 USA (305) 361-4276 with research conducted at the following labs: 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). |
| Research: 1. Policy 2. Beach monitoring 3. Nest protection Education: 1. Material development 2. Curriculum 3. Audi-visual presentations | 1981 | Contin- uing | 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 |
| Research: | 1980 | Contin- | Ionathan D. Maulding |
| 1. Channel dredging 2. Beach renourishment | 1900 | uing | Jonathan D. Moulding Ecologist U.S. Army Engineer District, Jacksonville Environmental Resources Branch P.O. Box 4970 Jacksonville, Florida 32232 (904) 946-2286 |
| Research: 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 |
| Research: 1. Kemp's ridley cooperative program (US/Mexico) 2. Nest relocation | 1977 | Contin- uing | Jack Woody, David Bowman U.S. Fish and Wildlife Service Region 2 P.O. Box 1306 Albuquerque New Mexico 87103 USA (505) 766-2323 |

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

| Education: 1. Beach walk | | | Environmental Division 201 West Palmetto Park Road Boca Raton Florida 33432 (305) 393-7960 |
|--|------|-----------------|--|
| Research: 1. Beach monitoring 2. Nest protection Education: 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 |
| Research: 1. Beach monitoring 2. Nest protection 3. Wildlife preservation. 4. Habitat preservation Education: 1. Lecture/workshop 2. Audio-visual presentations Regulation: 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 |
| Research: 1. Beach monitoring 2. Nest protection Education: 1. Lecture/workshop | 1968 | Contin- uing | Chareles LeBuff Director Caretta Research, Inc. P.O. Drawer E Sanibel Florida 33957 (813) 472-1041 |
| Research: 1. Rehabilitation Education: 1. Public display 2. Classroom | | | Dennis Kellenberg Executive director Clearwater Marine Science Center 249 Windward Passage Clearwater Florida 33515 (813) 447-0980 |
| Research: 1. Beach monitoring 2. Strandings Education: 1. Beach walks 2. Lecture/workshop | 1979 | | Jim Cleary Manager Delnor-Wiggins Pass State Recreation Area Clearwater Florida 33940 (813) 597-6196 |

| 2. Taggi | n monitoring | 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 |
|---|--|------|-----------------|--|
| Sea to World Education Mater | n monitoring urtle recovery team wide consultation | | | Peter L.H. Pritchard, Vice President Florida Audubon Society 1101 Audubon Way Maitland Florida 32751 (305) 647-2615 |
| a. Nes b. Stra Regulation 1. Issue 2. Rulen | nal coordination st/crawl surveys andings <u>n</u> : state and federal permits | 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 |
| a. Hea | nal coordination adstarting ich monitoring anize groups and compile | 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 |
| | n monitoring protection atory : | 1981 | Contin- uing | George Dalrymple Florida International University Department of Biological Science Miami Florida 33199 |
| Research 1. Habita acquis | at protection (through land sition) | | | Jim McKinley Florida Nature Conservancy Suite 205 1331 Palmetto Avenue Winter Park Florida 32789 (305) 628-5887 |

| Research: 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 and Ed Meyer, Applied Biology, Inc. P. O. Box 974 Jensen Beach Florida 33457 |
|---|------|-----------------|---|
| C. Laboratory | | | (305) 334-3729 |
| Education: 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 |
| Research: 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 |
| Research: 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 |
| Research: 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 |
| Research: 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 |

| Research: 1. Regional coordination 2. Beach monitoring a. Nest/crawl surveys b. Strandings 3. Nest protection a. Relocation Education: 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 |
|---|------|--|
| Research: 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 |
| Research: 1. Rehabilitation Education: 1. Public display | | Glenn Wallace Director Key West Municipal Aquarium P.O. Box 1237 Key West Florida 33040 (305) 296-2051 |
| Research: 1. Beach monitoring a. Nest/crawl surveys b. Strandings 2. Nest protection Education: 1. Lecture / workshops | 1981 | Susan Korsenewski 217 List Road Palm Beach Florida 33480 |
| Research: 1. Beach monitoring a. Nest/crawl surveys b. Strandings 2. Nest protection Education: 1. Lecture/workshops | | Little Talbot Island State Park P.O. Box 246 Ft. George Florida 32226 (904) 251-3231 |
| Research: 1. Beach monitoring a. Nest/crawl surveys b. Strandings 2. Nest protection Education: 1. Lecture/workshops | 1977 | Catherine Kitfernald c/o McCrane P.O. Box 336 Longboat Key Florida 33548 (813) 548-0336 |

| Research: 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 |
|--|------|-----------------|--|
| Research: 1. Headstart Rehabilitation Education: 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 |
| Research: 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 |
| Research: 1. Headstarting (Greens and Kemp's ridley) 2. Nest protection a. Hatchery 3. Rehabilitation Education: 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 |

| Research: 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 |
|---|------|---|
| Education: 1. Classroom | 1971 | Jim Thomas Science Director Newfound Harbor Marine Institute Box 170, Route 3 Big Pine Key Florida 33043 (305) 872-2331 |
| Research: 1. Distribution (underwater observations) Education: 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 |
| Research: 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 |
| Research: 1. Headstart (Green) 2. Rehabilitation Education: 1. Public display | 1979 | Craig Smith Director Ocean World 1701 S.E. 17 th St. Ft. Lauderdale Florida 33316 (305) 525-6612 |
| Research: 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 |
| Research: 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 |

| | | Bill Cliffton Education Director at Sea World 7007 Sea World Drive Orlando, Florida 32809 (305) 351-3600 |
|------|------|---|
| 1978 | | Dave Orndorff Superintendent of Marine Mammals and Turtles at Sea World's Shark Institute Layton, Long Key Florida (305) 664-9101 |
| 1980 | | Lt. Beasley Sebastian Inlet State Recreation Area P.O. Box 728 Wabasso Florida 32970 (305) 589-3754 |
| 1971 | | Eleanor Fletcher The Science Museum and Planetarium of Palm Beach County 4901 Dreher Trail North West Palm Beach Florida 33405 (305) 832-1988 |
| 1972 | | Martin Penny Refuge Manager St. Vincent National Wildlife Refuge P.O. Box 447 Apalachicola Florida 32320 (904) 653-8808 |
| | 1980 | 1980 |

| Research: 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 |
|---|------|-----------------|--|
| Research: 1. Headstarting (Greens) 2. Rehabilitation 3. Strandings Education: 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 |
| Research: 1. Beach monitoring a. Tagging b. Nest/crawl surveys c. Strandings Education: 1. Lecture/workshops | | | Robert. L. Kelley President Tropical Audubon Society 5530 Sunset Drive South Miami Florida 33143 (305) 666-5111 |
| Research: 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 |
| Research: 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 |
| Education: 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 |

| | GE | ORGIA | |
|---|--------------------|---------------|--|
| Research: 1. Beach monitoring a. Strandings | 1980 | | John Crawford Little St. Simons Island P.O. Box 1096 St. Simons Island Georgia 31522 (912) 264-1414 |
| Research: 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 |
| Research: 1. Beach monitoring a. Strandings | 1973 | | Carol Ruckdeschel P.O. Box 796 St. Marys, Georgia 31556 |
| Research: 1. Beach monitoring a. Nest/crawl surveys b. Strandings | 1979 | | Sapelo Island Department of Natural Resources Game and Fish Division Sapelo Island Georgia 31327 |
| Research: 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 | 15 May | 15 | Dr. James Richardson |
|--|----------|---------|--|
| Research and Conservation Project | annually | October | (sea turtle advisor) |
| , | | | Dr. Susan Bratton |
| | | | Unit Director |
| | | | |
| | | | National Park Service Cooperative |
| | | | Research Unit |
| | | | Institute of Ecology |
| | | | University of Georgia |
| | | | Athens |
| | | | Georgia 30602 |
| Education: | | | David Gillespie |
| 1. Classroom | | | Director of Education |
| | | | |
| 2. Public display | | | Skiddaway Institute |
| | | | Univ. Georgia Marine Extension Service |
| | | | P.O. Box 13687 |
| | | | Savannah |
| | | | Georgia 31406 |
| | | | (912) 356-2496 |
| Daga arah: | | | Courth contains Milalista Construction |
| Research: | | | Southeastern Wildlife Service |
| Aerial surveys | | | c/o Hilburn O. Hillestead |
| 2. Fishery conflicts | | | 113 Hoyte Street |
| 3. Population ecology | | | Athens |
| 4. Wildlife inventory | | | Georgia 30602 |
| , | | | 2 9 |
| Education: | | | |
| 1. Lecture/workshops | | | |
| 2. Classroom | | | |
| 2. Classicom | | | |
| Decidation | | | |
| Regulation: | | | |
| Problem identification | | | |
| | | | St. Catherine Island |
| | | | Midway |
| | | | Georgia 31320 |
| | | | Georgia 31320 |
| Research: | | | David Harrington |
| Fishery conflicts | | | University of Georgia Marine Extension |
| 2. Lecture/workshops | | | Service |
| z. Lecture/ workshops | | | Bay Street |
| | | | |
| | | | Brunswick |
| | | | Georgia |
| | | | (912) 264-7268 |
| Research: | | | David Herrema |
| <u></u> | | | |
| One Floride Devices and Halifer of the | | | Applied Biology, Inc. |
| See Florida Power and Light entry in | | | Dekalb Professional Building |
| listing under FLORIDA | | | Suite 11, Lower Level |
| | | | 2754 N. Decatur Road |
| | | | Decatur |
| | | | Georgia 30033 |
| | | | |

| Research: 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 Education: 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 |
|---|-------|-----------------|---|
| Research: 1. Regional coordination (state activities) Regulation: 1. Problem identification Education: 1. Lecture / workshops | 1973 | Contin- uing | Hans Neunhauger Coastal Director Georgia Conservancy The Coastal Office 4405 Paulsen Street Savannah Georgia 31405 (912) 355-4840 |
| Research: 1. Regional coordination (Georgia) | 1976 | | Dr. Robert Reimold Director |
| Research: 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) Education: 1. Lecture / workshops 2. Research assistance 3. Audio-visual presentations Regulations: 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 | CAROLIN | NA . |
| Research: 1. Beach monitoring | 1977 | | Clay Gifford Cape Hatteras National Seashore |

| a. Nest/crawl surveys b. Strandings 2. Nest protection a. Relocation Regulation: 1. Enforcements 2. Permits | | Box 675 Route 1 Manteo North Carolina 27954 (919) 473-2112 |
|--|------|---|
| Research: 1. Beach monitoring a. Tagging b. Nest/crawl surveys c. Strandings 2. Nest protection a. Relocation | 1978 | Riley Hoggard Project Coordinator Cape Lookout National Seashore P.O. Box 960 Beaufort North Carolina 28516 (919) 728-2121 |
| Research: 1. Laboratory 2. Regional coordination a. Strandings Regulation: 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 |
| See: North Carolina Wildlife Resources Commission (below) | | Deborah Crouse Endangered Species Specialist North Carolina Natural Heritage Program P.O. Box 27687 Raleigh, North Carolina 27811 (919) 733-7795 |
| Education: 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 |
| Research: 1. Pelagic surveys Education: 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 |
| Research: 1. Beach monitoring a. Aerial surveys b. Nest/crawl surveys c. Strandings | 1980 | Stuart Critchen Habitat Conservation Coordinator North Carolina Wildlife Resources Commission 512 North Salisbury |

| Regional coordination Nest protection Education: Lecture/workshops Page 1 and 1 a | | Raleigh North Carolina 27611 (919) 733-7638 |
|---|------|---|
| Research: 1. Beach monitoring a. Nest / crawl surveys b. Strandings Regulation: 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 |
| Research: 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 |
| Regulation: 1. Enforcement Education: 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 |
| Education: 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 |
| Education: 1. Public display 2. Lecture/workshops 3. Strandings | 1977 | North Carolina Marine Resources General Delivery Kure Beach North Carolina 28449 |
| Education: 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 |
| Research: 1. Beach monitoring a. Nest/crawl surveys b. Strandings | 1972 | Ron Hight Refuge Manager Pea Island National Wildlife Refuge P.O. Box 150 |

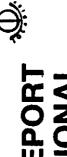
| Nest protection a. Hatchery | | | Rodanthe North Carolina 27968 (919) 987-2394 |
|--|-------|-------|--|
| | SOUTH | CAROL | INΔ |
| Research: 1. Laboratory 2. Rehabilitation Education: 1. Classroom | 1973 | | Rhett Talbert Researcher Belle Baruch Institute for Marine Biology and Coastal Research University of South Carolina Georgetown South Carolina 29440 |
| Lecture/workshops Audio-visual presentations | | | (803) 546-3623 |
| Research: 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 |
| Research: 1. Beach monitoring a. Nest/crawl surveys b. Strandings 2. Nest protection 3. Tracking 4. Fishery conflicts Education: 1. Lecture / workshops Regulations: 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 |
| Research: 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 |
| Education: 1. Lecture/workshops | | | David Donmoyer President Waccamaw Audubon Society P.O. Box 263 Murrells Inlet South Carolina 29576 (803) 651-3532 |

| Ed | | | Alter Litera |
|--|------|------|---|
| Education: 1. Curriculum | | | Alice Linder Environmental Education Consultant South Carolina Department of Education Rutledge Building Columbia South Carolina 29201 (803) 758-2652 |
| Research: 1. Fishery conflicts Education: 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 Caretta caretta | 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 Caretta caretta | 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 |
| | т | EXAS | |
| Research: (See U.S. Fish & Wildlife Service, Albuquerque 1. Translocation of eggs 2. Hatchery | | | Texas Parks and Wildlife Padre Island National Seashore |
| Research: 1. Beach monitoring 2. Captive breeding 3. Public relations | | | Ida Loetscher, Turtle Lady South Padre Island Texas 78597 |
| | VII | RGINIA | |
| Research: 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 Glouster Point Virginia 23062 (804) 642-2111 |
| * Editor's note (2009): The states involv maintain consistency within this report from the order in the original National I | and amor | | ects are listed in alphabetical order to onal reports. This ordering is a departure |

THE NATIONAL REPORT REPORTE NACIONAL









MESTERN ATLANTIC TUNTLE STIPOSSIUN

San Jose, Costa Rica, July 1983 NATIONAL-REPORT FOR THE COUNTRY OF

PATES OF AMERICA

UNITED STATES

HATIONAL REPORT PRESENTED BY

AGGress: MATIONAL MARINE FISHERIES SERVI

U.S. DEPARTMENT OF COMERCE

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

MATIONAL REPORT PREPARED BY

| Steve Shabica | Robert Shipp | Jeck Husick | Richard Byles | Robert Schoelkopf | Anders Rhadin | Robert Shoop | Robert Prescott | Lieuellyn Ehrhart | |
|--------------------|--------------|--------------|---------------|-------------------|---------------|----------------|------------------|-------------------|----------------|
| Frederick H. Berry | Larry Ogrem | Roderic Mast | Sally Hopkins | James Richardson | Ross Withon | Frank Schwartz | Henry Hildebrand | Mancy Thompson | Theresa Mileon |

DATE SUBMITTED: 27 JUNE 1961

REVISED (January-1884) B1

John R. Flatemeyer



Simposio de Tortugas del Atlantico Occidental Western Atlantic Turtle Symposium

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

NATIONAL REPR

Allentic Ocean Fig. 1: Location of United States W.R.T.S. Study arms and the Reported mesting Range of the Loggarhead Sea Turile, the Green Sea Turile and the Legiber back See Turile, ---------LEGEND

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| th of Coastilled | ard Extent of Agrisdictions: Territorial Sea | Expended Commits Done | Pisheries Jerisdiction | Other (Peacitie) | Table 1. GEOPGRAPHIC EWENTORY | Length of Coastiine (tm) | Texas | Louisiana | Mississippi | Alabam | Florida | Georgia | S. Carolina | R. Carolina | Virginia |

Fig. 2: Locations of Major Loggerhand Sea Turtle, Green Sea Turtle and Leather-best sea turtle Resting Beaches in the United Stated M.A.T.S. Study Arts. **Out** of Mexico Lift: Mader Laggertoned Masting Beandon Two thesis Per Adamses Or 61 Of Baler Green Seattle, Beanbar THE BESTS SERVICES CLASS Lite Mager Londburbank Spottag LEGEND

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| | 3 | THE OF SHORTLANE | |
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| 2, Roef (expesed) | | | (\$1.7) |
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| 5. feuths of legeons, rivors, canals | | | Q |
| 7. Total Shareline | (cs 605) | (ce 403) | 6,693 14 |
| | | | |

THALE 2. CONSTAL MARITAT INTENTORS OF MARINE SHOREGLINE

* This instances can consider from U.S. Pigh & Wildlife Service 1:250,000 mile inventory
Maps-linex maps as an inner two wegatistion into specific types.

Gulf of Maxico

RATIONAL REPORT FOR THE MINES STATES OF AURICA

PANSH(tm) REEF(tm²) SER GRASS(tm²) DUME/BDH MESHERISHED BOH(tm)

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Table 2b: Shoreline cheracteristics by State. Data Derived frame E.S. Fish and Hildlife Service 1:250,000-scale [colosical Inventory Maps [1962].

| | TATION NO SAI | WEITAT |
|--------------------------------|-----------------------|-----------------------|
| INSTITE BETTER TIPES | INSIDE 254 (SKORDAMA) | OUTSIDE 25m (SEALOND) |
| 1. 1401 | 10,052 | 4 |
| . nu | 400 | j. |
| 3, fects | • | ě |
| 4, Schnerged Vegetation | 1,402,0 | • |
| 5, Neefs (Total) | 529 | ٠. |
| A. Fringling Squite | | •*; |
| B, Petch Norts | 4 | |
| 6. Other Hovegationed Chancole | • | ÷ 1 |

Florida
Georgia

S. Carolina
H. Carolina
Haryland
Haryland
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MATICALM, REPORT FOR THE WRITED STATES OF MEDICA

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MATIONAL APPORT FOR THE WHITED STATES OF MEDICAL

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INTIGMAL REPORT FOR THE UNITED STATES OF MERSICA

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MITOMA, MOTORT FOR THE UNITED STATES OF AMERICA

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MATIONAL NEPORT FOR THE UNITED STATES OF AMERICA

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MATIONAL ASTURT FOR THE WAITED STATES OF AMERICA

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MATIONAL APPOINT FOR THE WATTRE STATES OF MEDICA

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MATICULAL REPORT FOR THE UNITED STATES OF AMERICA

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WHAT 6 - TO STORE COMES THE SCOOL CLARISM: Assistate State Bergestand, Ann.

MATCHINE, METERS FOR THE SMITTLE STATES OF MINISCO

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MATICUM, MITCHT FOR THE UNITED STATES OF AMERICA

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MATIONAL REPORT FOR THE UNITED STATES OF AMERICA

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WHALE 4 - 60 MENTED STREET FOR BESIGN SECURITY: Sapelo Inter-

MATIONAL REPURE FOR THE WRITED STATES OF ANGREGA

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MATIONAL REPORT FOR THE UNITED STATES OF AMERICA

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MINISTER REPORT FOR THE MATTER STATES OF ANGUICA

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INTIONAL REPORT FOR THE WRITED STATES OF MEDICA

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WHEN 4 - 62 MINTER COMES FOR SOME STREET, CARRIED TALES

* Including Patit Chas, Williamson, and Little Tybes Islands

CATES OF SOON COLLECTION

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MATICULA, NATION FOR THE UNITED STATES OF AMERICA

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PARK 6 - Numbers Common Per and on Storing Committee. William hand Inlead (number)

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INTICAM, REPORT FOR THE WILTED STATES OF MERICA

| | Name . | SPECE OF RESTS | |
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| SYCOLO | firsts/Wight (freezage) | (peremars) | CONTES OF SOTA COLLECTION |
| Senth cereth | | 951 | 29-096; |
| Beterk sets | | | |
| Branchin griess | | | |
| Ereimstehn im imb | | | |
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THE 4 - 75 METER COURS FOR MOOD COURSE LINE, SL. DALLING Inless & British School & British School & British School & British School & Street & Stre

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ATES W MATA CREATERTH

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| secuts | (photos) | Nests/Sussess (Estimated) | BATES OF MAIN COLLECTION | SACT CO | 140/14/2004) | Maste/Sassas (Cottontal) | |
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| Martin auto | | | | Balwh sets | | | <u> </u> |
| Sensition series | | | | Property, or from | | | |
| Britanischen Bertung | | | | Ermedelin intrium | | | <u> </u> |
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| terthering offware | | | | Sarthebolm of buene | | | <u>l</u> . |
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Wild 6 - 77 HESTING COMPS FOR NEXTS SQUIN CARLLING. Princher's Island

WILLS 4 - 76 WISTERS CORRIS WAS SOLDS. STATE CARBLING. LITELL CORRES SELVE

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MATIONAL METORY FOR THE WHITED STATES OF AMERICA

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from ample on of the main to come in ourse this for and hand lived in 184 3, many table requestion; (41, 44, 44, 44, 48,) is asserted in 1810 3.

MATIONAL MOVEM FOR THE WITTED STATES OF AMERICA

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ENTIREM, REPORT FOR THE WITTED STATES OF ARTHUR

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MILITIMA, INCOME FOR THE UNITED STATES OF BECALCY

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MINES 4 - AL MISTING COMES FOR SOME STATES CARRAINS. Plan Island

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TOTAL 4 - AL RESTRICT COMME THE STATE COMMENS. Extrata hand

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1980-82

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| estimate beri | | | | Leaf-bridge in the same | |
| efektin elmen | | | | Landander of treess | |
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WHEE 4 - THE STATE COMES FOR BOOK COME, CARL LIA. BELLIN BAY 121404

Pears amples one of Mars tables to comercian masses dels for and house lived in 1640 3, masses unique expensionly (iii, ii., ii.), ott.) as amazered in 1640 3, MATIONAL METON YOU THE BRITISH STATES OF MEDICA

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THE 4 - SS MISTING COURSE FOR MICHOL SOUTH CARGINAL Seabnest 151aml

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THE 4 . WHETHER COMES THE SOCIAL CANDELINE. Folly Beach

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Please emplote ons of these takes he semesta assess data for each beam lived to Take 1, finder takes separatively (41, 42, 43, 44,) or expected to Take 3.

MITIGUAL MENUT POR THE UNITED STATES OF MENICA

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WELL 4 . . . MENTING CONDUCTOR FOR BEING STATES CARCILLING, Element 1stand

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WHAT 4 . WESTIRS CONSIS FOR BOOKS SOUTH CHARLENING, SATTIVAN'S Extend

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| Serth sevin | | • | 29-036; |
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MALE 4 - MUSTER COMES FOR SOON AND COMMUNICATION AND ACCOUNTS.

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MITTON, MITOR FOR THE WATER STATES OF MERICA

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Figure 4. Septima course for motion source count, sink: Communication of the country of the coun

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WELL 4 - 15 METTING COURS PER SCICE SOUTH CAROLINE: Bulls Island

MATIONAL REPORT FOR THE UNITED STATES OF AMERICA

| (comman) (co | | wan, | een er etsts | |
|--|------------------|-----------|--------------------------------|-------------------------|
| rises. | SACOLES . | (destroy) | New to/Sanson (Est Emeters) | MATS OF BOTH COLLECTION |
| Colorin solu. Interesti serius Engeleti Serius | About series | | 707 | 1999 - 62 |
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| Commeter Derivation | Personal partons | | | |
| | Criments tertain | | | |
| | Leaderine land | | | |
| | Leabhin altmen | | | |

MIES OF MEN COLLECTION

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1975 - 81

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Walf 4 - 55, exiting China Fin state South Caroline: Lighthouse Island
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for man beach living to Italia 2, have tables separatelly
(4-1, 4-2, 4-3, 40-1) as manufacted to Italia Separatelly

WOLE 4 - 94 MESTING CONTACT FOR BEACH SOUTH CARDLINE: BACCOON Key

संस्थान प्रमुख

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theseln elimen

Peace amplets are of taxes tables to namerica correct data for one house living to label. Amore tables commerted (6-1, 4-2, 4-2, 4-4.) as namerical to Tobe 3.

MATICULAL REPURT FOR THE UNITED STATES OF MEDICAL

A COLUMN

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| | titide. | ACCES OF MESTS. | | | |
|----------------|---------------------------|-----------------|--------------------|-------------------|-----------|
| 20000 | Aprito/Bight (America) | (Estimate) | MITS OF OTH COLUMN | \$2030 | (efected) |
| Strate, grate, | |),600 | 1975 - 61 | Street gratte | |
| Beitet unbe | | | | Sectoria union | |
| brackle artes | | | | Branchitz ar hen | , |
| Brimate String | | | | Translete Metub | |
| Sections in a | | · | | Larifocholte bent | |
| Lattetha Ohma | | | | lettering of trum | |
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WELL 4 - TO RESTAN COMME FOR MOON SWAT CHARLES, RUTHE SALES

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WILL 4 - 34 SEPTIME COMES WE NOTE STATE CHESTURE. Com Libra

MINTER, MINT FOR THE MINTER STATES OF AMERICA

| | رخدت | | | |
|----------------------|----------------------------|------------|--------------------------|----------|
| SMETHE | (efficacy) hep/sy/massy | (perpensy) | SATES OF SAME COLLECTION | <u>.</u> |
| Strik graft | | 021 | 1990-62 | 8 |
| Section Section | | | | ā |
| Benefits grang | | | | <u> </u> |
| Britmander, Marten | | | | |
| Sertimetry bear | | | | 3 |
| latification of from | | | | 4 |

UTIONAL REPURT FOR THE UNITED STATES OF MENICA

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| PECIES | (planeny) planeny) | (Jepany 143) ************************************ | MITTES AFF BATTA CIRLECTION |
| Sertta sereta | | 136 | 1977 - 182 |
| Selects orde | | | |
| Practety or ten | | | |
| Extended Shrings | | | |
| Landadolm, head | • | | |
| lettetin elmm | | | |
| | | | |

SHES OF BUTA CALLECTION

Masts/Seases (Estimated)

(Marca)

SPECIES

Gertta gereta Geleria geta

MODEL OF MESTS

197

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| | | MODERN OF HESTS | |
|------------------|---------------------------|-----------------|--------------------------|
| SPCDIS | (#82,824) 346(3/73)34g | (Stitution) | SATES OF DATA COLLECTION |
| Greek greek | | 65.2 | 29-2/61 |
| Orberta sector | | | |
| tentale grien | | | |
| intertaln berian | | | |
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THE 4 - JOHNSTON COME FOR BOXON SOUTH CARLLERS, SAN JAILED

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MITTORN, MOUNT FOR THE WHITE STATES OF MEDICA

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|--------------------|------------|-----------------------------|-----------------------|
| FECTS | (petrofes) | [percent()]] mess(/1100) | ents er sem cauliches |
| Serth serth | | 8 | 1980-B2 |
| Sefects sets | | | · |
| Spracheles arrives | | | |
| Interests tertata | | | |
| Sattantelles bear | | | |
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WHAT 4 - TOWNSTING COMES FOR SOUTH SWITH CARD LINE LABOR.

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Please employs are of their tables to community correct the for each based finest to lists 1. Where tables communically (i-1, i-1, i-1, i-1, in communical to Table 1.

MITIGIAL REPORT FOR THE UNITED STATES OF SPENICA

Plane complete one of these tables to commette consectable for each been living in labe 3. Amount table commettelly (4-1, 4-2, 4-2, 4-2, as exempted to labe 3.

THELE 4 - 10 MISTING CORNS FIRE SCHOOL SOUTH CARRILLING, BUTCH IS LAND

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attentin ber

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Lerichbeirn oliveren

| | | wen er ersts | |
|---------------------|------------------------|------------------------------|-----------------------|
| SACTION | (egawasi) (egawasi) | Mante/Senson (Entimeterd) | geres of dem calacter |
| thing street | | 35 | 28-086i |
| Quilate water | | | |
| Semidely, arises. | | | |
| Gretnetelm Serimb | | | |
| interests beet | | | |
| Larbeholm el fracta | | | |
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WHILE 4 - 103 HISTORIC CORNS FOR WOOM SOUTH CAROLLINE. Grand Street.

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NATIONAL PURINT FOR THE UNITED STATES OF ARRICA

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|------------------|------------------------|--------------|-------------------|---------------------|----------|--------------|-------------|
| Grafts serving | | | | SPECIES . | (Second) | (penentica) | ants or en |
| Orderts serie | | | Jane 321y 1979-42 | STATE STATE | ٠ | ~ | Vist - seal |
| Bernette ertees | | | | Briefs was | | - | |
| Briterich inring | | ſ | | Stratching cartees | | | |
| lantimetra peri | | | | Internet mertan | | | |
| Latherin einen | | | | Land Anthony Depart | | | |
| | | | | Lariester of twee | | | |

MOLE 4 - 105 MISTING CERUS FOR BOOK! MORTH CAND. TWO. School Sile Bases

WALE & - 104, MENTER GEWINS FOR SEREN MORTH CHROLLING: Sunget Beach

MATICINAL REPORT FOR THE UNITED STATES OF AMERICA

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|------------------|-------------------------|------------------------------|------------------------|
| Sectios. | (180.000) 14614/5354 | Shrits/Second (Ecthebool) | SATES OF BUTA CREATERS |
| Grafty grath | • | | June July 1979 - 82 |
| Delmin getg | | | |
| brackin grien | | | |
| Extendeln terton | | | |
| Lecturates here | | | |
| Letterin elimn | | | |

WALL 6 - 105, WITH GROWS FOR SINCE MINTH COMMINS. INCIDE.

NATIONAL NETWOR FOR THE UNITED STATES OF MEDICA

| | 1986 | wen of ass | |
|-------------------|----------------------------|------------------------------|----------------------------|
| SPECIES | Hen ts/Hight (American) | Series/Series (Estimated) | BATTS OF BATA COLLECTION |
| Grette servite | • | • | Jame, July, fan. 1979 - 42 |
| Orlett with | | | |
| forestein seriem | | | |
| Entereding Series | | | |
| Leritation bear | | | |
| ladabila elmen | | | |

THERE 4 .. LOTHESTER CENSES PRE SCHOOL WORTH CARD LINE. DRE 15 land

GITTES OF BATTA COLLECTION

Men & etsts | Interfesion | (interest)

Jane, July 1977-80

| | 13000 | NUMBER OF RESTS | | |
|---------------------|--------------------------|----------------------------|--------------------------|------------------------|
| SMCC165 | Parts/Right (fearage) | Hosts/Sanam (Tothunted) | BATES OF BATA CALLECTION | 2025 |
| Grafte gratte | • | æ | fler, June, Jule, fugust | Servite certite |
| Orlerts sets | | | | Belents mete |
| Service or ten | | | • | |
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| lantificateits hand | | | | Landdood ben Game |
| Leafachten offenen | | | | Latitation of trace |
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Walt 4.100 uibfin Couns fin ange Hoffer CARLINI: Baidred Jalond (Seith Island)

WHEE 6 - 109 MESTING COMES FOR OCCOM, SOCIAL CARALING, CARATING BASEA Intel to Corneals Intel.

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Places employs are of these tables to communic serves date for each hours living in Toke 3, Manager tables commercially (i-1, i-1, i-1, oil.) on amounted in Toke 3.

MATICHAL REPORT FOR THE UNITED STATES OF MERICA

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|-------------------|-------------------------|------------|--------------------------|
| STCIB | (#84.6-7) 346(8/5)+8 | (permana)) | MATES OF BOTH COLLECTION |
| Gratte covette | • | ~ | Jame. July 1979 - 82 |
| Oriente mete | | | |
| Secretal geriess | | | |
| Crimeteln terigi | | | |
| isotherin heat | | | |
| Landander offeren | | | |

THREE 4 = 111 MESTERS COMMES FOR BESICH WORTH CARD LINE. HELMSTAYLITE Beach - Mason Label to Masonborn Label (name)

METICINAL REPORT FOR THE UNITED STATES OF MERICA

| | USA, | Negati of Athin | |
|----------------------|------------------------|---------------------|-----------------------|
| 9762168 | (wasself) (wasself) | (\$20 mark() (\$2)) | OTTE OF SITE CALLETTE |
| Gertte carette | • | • | June July 1979 - 82 |
| Orbeits sets | | | |
| bruthelm garleen | | | |
| Interesty terton | | | |
| Landandering Service | | | |
| Landaching of trees. | | | |

Wals 4 - 110 mistins comes fon scool grang Cash Int. Broadware falet to fareites forch, falet

House employs ons of these taken to semantas conses des for each beam lives in 1810 3. Maney taken sequentially (4-1, 4-1, 4-2, 4-2,) or conserved in Take 3.

STEEL OF MISTS

| | | Spelle of ASSS | | |
|---------------------|---------------------------|---------------------------|--------------------------|---|
| SHEES | (efficacy) refug/to en | (permysty) energysping | BATES OF BATA COLLECTION | |
| Grate service | | • | Jane July 1979 - 82 | 3 |
| Saleta seta | | | | ä |
| Bendela grium | | | | |
| Enterthy tering | | ł | | 1 |
| Letterin, ber | | | | 1 |
| lenthelite offices. | | | |] |

MOLE 4 - 112 HESTING CONNE THE BOXES HOTTH COMESSION: ESSEN ESSEL SESSEE

WOLE 4 - 113 ESTING COOKS FOR SOOKS WORTH COOKSING. In Toward Labor to 1100 Labor

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ate yes

Please explicit and all the table to complete comments for the comments of the

RATIONAL REPURT FOR THE WITTED STATES OF MEDICA

| | WAG | Peeti of essis | | |
|---------------------|------------|-----------------------------|---------------------------------|-----------------|
| 940163 | (efficacy) | Parks/Sesson (Exclusive) | BITTS OF GAR CALLECTER | |
| STATE STATE | | 61 | June, July, Aspest 1975 - 82 | Service service |
| Orbeits sole | | | | |
| Best of the section | | | | Secure of a |
| Britabila Metern | | | | Greente |
| lettekin ber | | | | nite and in a |
| Sentiments of trans | | | | Sections |
| | | | | |

WELL 4 - 114 WESTER CORNER FOR REACH ANGEL AND LINE AND L

Please employs one of deep table to emarks constituted to the constituted to the constitute of the con

| | WACH . | Notice of Mint | |
|-------------------|----------------------------|-----------------------------|-------------------------|
| SPECIES | (efectory) 149(st/1114) | (pepeng 173) moons/1914g | ONTES OF OWN COLLECTION |
| Grafte servite | • | 3 | May, Jame, Joly, Supert |
| Gehels sets | • | less then 1 | 084 |
| Sentation serious | | | |
| Spineta seran | | | |
| terterin tes | | | |
| Letterin other | | | |

WELL 4 - 115 METINS CODES TO SENCE HOTTH CARLLINE: Sector best

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applets one of these tables to emergin comes date.
Level front to Table 1, heavy tables occurately

SECTIONS, REPORT FOR THE MINISTER STRIKES OF MERKICA

CATES OF ONTA CALLECTION May, Jume, July, August 1975 - 82

Mants/Santon (Estimated)

Patts/Hight (Angrage)

NOBER OF MESTS

2

| | Uses. | WORLD OF AESTS | | |
|-----------------------|-----------|----------------|--------------------------|------------------------|
| SPECIES | (hearage) | (peremy/1144) | BITTS OF BUTA COLLECTION | SPECIES |
| Certita certita | • | 2 | June. July, August | Gerytin corette |
| Onlork grin | | | 1475 - KZ | Chieta gran |
| Berneten, sertem | | 3 | • | Permethelys garless |
| Iretechin metan | | | | Erotmetelge interleate |
| imitatele, bee, | | | | Lesidenteirs, hangi |
| Latherbeirg of trees. | | | | Legislation of frames |
| | | | | |

Mald 4 - 116 attitute crass for obtor Month (ARCHING). Grown Island

Parts amples are of three tables to comprise comes dels for each base lives in 10 to 1. Many tables commented by (4-1, 4-2, 4-1, 4-2.) at commented in Table 3.

MATICULAL REPORT FOR THE WRITED STATES OF MEDICA

MATIONAL MEPUAT FOR THE UNITED STATES OF SPECIES

Pleas complete are of three tables to semantics common day for each beach littud to Table 1, Appen tables commercially (i-1, i-1, i-1, ori.) as exercised to Table 3.

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THERE 4 - 117 RESTING CORNER POR COOCH MOTH CARN LIM. Bear 1stand

| | E) Barby | NAMES OF MESTS | | |
|---------------------|--------------------------|-----------------------------|--------------------------------------|--|
| SECTION | Perts/Hight (Amerage) | Restar/Susam (Estimated) | BUTES OF BUTA CHALECTION | |
| Corette gentit. | • | QX. | Hay, June, July, Aumust 1975 - 62 | a and |
| Origin whe | | | | State |
| benchten erten | | | | Service of the servic |
| Entractelly tertain | | | | - E |
| Landschaften bereit | | | | Leerténate |
| Larienten eliman | | | | Leeding |

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MATLOMAL REPORT FOR THE UNITED STATES OF AMERICA

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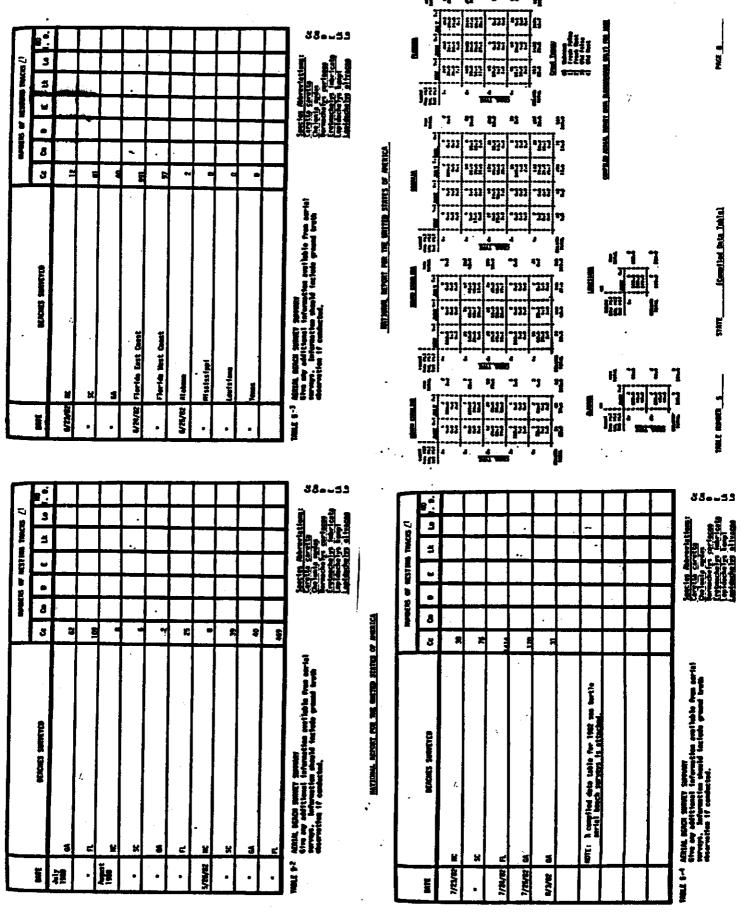
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TALL 6. ESTIMATE POPULATIONS OF MESTING FROM CS. (Supplementary page)

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THREE 6. ESTREAMED ROOMLATIONS OF MENTING PROMETS.

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Table 6. Lab. Landings of Locustical Sea Terrical

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Places describe the type of foreign fishing in yay and provide estimates for:

THALE 13. ESTIMATED THATLE CATCH BY FOREIGN FISHERERS (Supplementary page)

1. Inches of foreign vessels catching turtles. 2. Inches of foreign fisherum catching turtles.

3. Year of extinute.

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

2. Both Jepanese longifuer has a crew of about 20.

TOLE 19-6 ESTIMATED INCIDENTAL VARILE CATOL OF OTHER VETWES THAN SHERING TAMING. Ofto authorized numbers and/or variables.

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MATICINAL INDICET FOR THE WINTED STATES OF PACIFICA

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THELE 14. ESTIMATED THATH CATCH OF PUBLISH FISHENESS . Average of 1979-1960 observations of the numbers and/or estimated origins.

BETTORE REPORT FOR THE WRITED STATES OF SPENICA

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NOTE: See thatle production in the United States coesed in 1978 with additional listings NOTE: See thatle production in the U. S. Endangered Species Act.

THREE 15. BFELLA STREETINGS OF THREE FROMUTION Can be to be 14 blowns. Complete new of there tables for each species taken in the Pishery.

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MELE 16. DOLUMENT DECISENT OF YARLES

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METICAL APPORT TO THE WITTE STATES OF AMERICA

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SOTIONAL METERS FOR THE UNITED STATES OF AMERICA

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MATIONAL REPORT FOR THE UNITED STATES OF AMERICA

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| Assaucht: 1) Bajicaal Coordination: (Midiif 1) Bajicaal Coordination: (Midiif 2) Basch moditoring 3) Basch moditoring 4) Basc Percettion 6) Bas Purtle Recovery Yamn | 1957 | Cont. | Otto Florebutt, East Coast Bloinglat U.S. Fish and Middiff Services P.O. Bor 581 Midhington, N.C. 27889 |
| Messarch: 1) Book westering 2) Ned precision (entroed area include: Messar foliad Ma, Standard (fland Mi, Standard (Mi, Standard (Mi, Standard (Mi, Part Mi, Pass Foliad Mi, Partic Heat Mi, Pass Foliad Mi, Partic Heat Mi, | 1974 | j | John Davis, John Mefitsen, Sammis Molf J.S. Fish and Wildlife Sarvices South Carolian/Goorgis Concest Complex for Measure blood Metimus Wildlife Sarvices 6 P.O. her B427 Sarvennek, GA 31412 91-786-4413 |
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THELE St. ANTIHUL RESERVES PROJECTS
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| PROJECT TITLE | START | 8 | HOME & ABBACTS HE FIRSTFATION & CHIEF THYESTEANUM |
| FLOR (DA.: | | | |
| figurerchi 1) bach muttering (Jupiter Island, FL) | š | į | Press Load Kilmits Lugarhead Turtle Benessth P.O. No. 341 Julies, P. 33454 20154-734 |
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| Manageriti 1) Boom contineing 2) boom protection Education: 1) Boom wall, | i i | į | Hickord E. Walf, Chief Barinements Officer Boos bares, City of Correspondable States 201 Ware Primates Fort Bond 205/391-7940 |
| Messareth: 1) Based mattering 2) Base protection Education: 1) Based walls 2) And official deep | R/AI | j | Dougld Calter, Esperistendent Camera I Mational Senshore Ince 2531 Titumeilla, Pt. 32780 302/867-4475 |
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THALE 27. MATTOWN RESERVEY PROJECTS
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| | 1 | | Towns Parks and Wildlife, Pudre Jeland Harlanal Badebare |
| Remotich: 1) Besch medtoring 2) Captine breeding 1) Public relations | | | Ida Lossacher, Kertle Eddy South Padra Islayd, IX 78597 |
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THERE 21. INCIDENT, MESSAGES PRODUCTS List turble research activities funded within your country.

MATIONAL REPORT FOR THE UNITED STATES OF APERICA

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| PROJECT TITLE | START | 92 | WEE & ADDRESS OF INSTITUTION & CATEF SPATSTIMATON |
| Newserth: 1) Newch monitoring 2) Newc protection Babencion 1) Lecture/wortchap | 9961 | Coast. | Charles lebbff, Jr., Birector Caretta Research, Inc. P.O. Domer E Sacklei, FL 13957 813/472-1041 |
| Nemorch: 1) Nebabilitetim Mecation: 1) Public display 2) Clearoon | , | • | Demis Ballembers, Esse. Director Closewers Hatin Science Conter 240 Hisbard Passage Classwerer, Pt. 31515 |
| 1) Bace mustering 2) Stranding (Maceting 1) Sacch with 1) Sach walk 2) Loctor with | 1979 | • | Jim Closty, Lunger Deiner-Highin Pass State Recreation Area 1100 Call Sterre Boulevard North Neples, P. 33940 813/597-6196 |
| Paracrel: 1) Section mattering 2) Tenging 3) Agrical merups | 1935 | • | Mich benson Dergidden Mettonal Park Remource Nanagement and Tielter Pretection Division and South Florida Research Caster 9. O. Noz. 279 Nomested, T. 33030 |
| | | | Perer L. M. Pritchard, Vice President Florida Andubon Society 1101 Andubon May Mattland, VL 22751 305/447-2615 |

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| Promutti 1) Implemal Coordination 0) Importemal merupa b) Sermatings Impolations | tust | • | J. Alon Baff Florido Department of Material Resources Byrons of Narius Science and Technology 100 Sept Seconds 3.E. 110 NATESCHOOL 15. 1.T. | 14.33 |
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| Ammerchi 1) Rejenzi 2) Reservice 3) Rest mettering 2) Organica groups & compile day | 34 | S. | how Hithm. Gram Yartle Medicart Frugam Florida Department of Material Measures Fro. No. No. 941 Joseph Bert, Pt. 33437 | |
| 1) beach authoring 1) beach authoring 1) intermedy beaches: | Ħ | j | Goorge Balrymio Floridade intermetimal Oriversity Supertrant of Raiogical Science Stand, 71, 33159 | |
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| Mentaline 1) Inclusive talence | 261 | į | James C. Cates, Birecter Florida Sea Grant Collage University of Florida Calmowilla, FL. 20411 |
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| meastch: 1) meastring 2) meastlierin Mession: 1) Public diaplay | | • | ilem käilee, Birector ky Med Makelei Aqueriun r.o. bar 127 107 bars, 11. 33mg 105/296-2091 |
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| 1) Street | ACAL. | , | Missiand Benearch Laboratory News to 1, flow 122 15, August 1se, Pt. 17086 904/571-1111 |

THALE ST. MITTERNAL RESERVOR PROJECTS

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| Managerh: 1) Boech manitering 2) Root protection(relocation) | 961 | ğ | Jim Norwer, Landecope Supervisor Netro Bade Beach Operations 7329 Actantic May 1 Vised Beach, Pt. 22141 Vol. 2004 |
| manners in the second of the s | • | 1 | Marthe Burhmanter, Edwarten Haml Sequentus 1400 Ritchibacher Cameruy 1915/191-5705 |
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THALE ST. SHITTONE MEXISARY PROJECTS
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| Second | 1861 | • | Steven Klett, Refuge Blojowing. Battonal Key Daer Befuge Box 510. He Fits Rev Storids 1983, unafers, seen |
| Remention: 1) Classroom | 1691 | • | in Thomas, Science Director Revictord North Target Worken Sur 190 - 200 - 100 |
| Money of the Conference Character Ch | 1973 | | Notice Roses, Director Long Boses Scube Cide of the Pala Seathes 4708 M. Diste. 7875422 perch. 71. 33407 |
| Security | ٠, | • | John Mineraler Community (1986) 2004 (1986 |
| () Public display | 1979 | ı | Craig Smith, Director Ogen War d Pol S. R. d e e e lond e lond e e lond |

THILE 21. INSTITUTE, RESERVES PROJECTS
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| | CETTES | 22 | |
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| PROJECT TITLE | STREET | ß | THE LANGEST OF DESTRUCTION & ONLY DESTRUCTION |
| Description | 197 | • | Eleanor Fletcher Eleanor Nuseum and Flatetarium of Palm Beach County 901 Derber Teil Pest Falm Beach, PL 33405 205/832-1988 |
| | 191 | • | St. Vincent Tenny, Marge Memager St. Vincent Mattonal Wildilfo Markey P. O. Son. 417 Mattonal Wildilfo Markey Quigosta Markey Quigosta Markey Quigosta Markey |
| Reserved 1) Newthings of the servery of the server | 2 | • | Tampe Bay Mattonal Wildlife Rafuga Tampe Bay Mattonal Wildlife Rafuga St. Patersburg, Pl. 31702 A13/893-3631 |
| | 12. | • | Nad Name, Director of Information and Special Projects Integrated the Ses Dars (07 slamoreds, P. 33016 |
| | , | ı | Robert L. Meller, President 15.78 Space Delva Society 1898 Space Delva 33143 |

TABLE 21. MKTYCHUL MESMANCH PROJECTS
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| | | | 1960 | | | 1473 | \downarrow | 1979 | 1973 | |
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| | | | Monthly Enthert, Prof. Profession of Hological Science States 19779-216 3019 | | W. Or. Archio Carr, Graduate Messarth Frof. Univ. of Payling States Prostrant of Resista | (22) September 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Torganical Paris, Bart Barton | Noore 1, the 130-A 10-A Marie 17, 1380-A 10-A Marie 17, 1380-A | | 7 |
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| | | PROSE TELE | | 3) News protection (relieuzion) 3) Tracting 3) New turtle recentry tem | Milliant organica (top deck) |) Breatte interesional constituti | 1) Public Alemins | | geodiya | · |

TABLE 21, MITTORS, MEMBERSY PROJECTS Lief bartle research activities funded within your country.

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Mr. Win Boyle Formach Belonge Maren 445 Pealess Street Erremach, CA. 31455

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| 35 Audio)viewel presentations | | | | Education: 1) lecture/mortsham | |
| Descrit: | 196 | | George Consta, Inguipe Hensager Cope Basis Metional Wildlife Serage Hensis Metional Wildlife Serage Hensis, 31, 23429 | | |
| b) Mest rejection b) Mest rejection b) Predator cantrol | | | M03/420-1344 | MORTH CARCLEMA: | |
| e) Netchery | | | | Mecanich: | |
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| 2) Rest protection | | | 7. C. Des 1001 001/377-1606 001/377-1606 | tion) Hallstion: | |
| 4) Fishery conflicts [Departum: | | | 7 |) enforcements ?) permits | |
| Deguintions: i) Problem identification 2) Releashing | | | | 1) Beach Hostoring 2) tagging | |
| Desertion: 1) Wildlife Seventery 2) Delive Personnia | 1979 | • | Le bruce Alexander The Butter Conservance Conf. Conservance | b) Nest/crost surveys c) strandings 2) Nest Protection (relace- | |
| | | | P.O. See 5475 Columbia, S. C. 29230 BD3/234-90k9 | Research: 1) Leboratory 2) Regional Coordination | 1 - |
| | <u> </u> | | | Regulationing (5/T Serctuary | 1 |
| | | | | TABLE ST. MATTERS DESCRIBED PROPERTY | F |

THES II, MITTORS, SERVICES PROJECTS List tertle remarch activities Canded within your country.

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| | | ' | Deborah Chause, Endangerse Species Biologist. Morth Chailte Mattall, Henthol Process |
| | · | ı | P.O. Box 27687 |
| | | | 919/733-7195 |
| Markings 1) (effo. dessionent | | | Linds Muldin, Marine Bisention Specialist North Cantina Sin chief |
| 2) leoture/wartebap | , | • | 105 1911 Bullding |
| | | | Borth Caroline Rests University Baloigh, HC 27650 |
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| 1) pelacio mevera | 1 | , | HONTH CARCLINA STATE MESELA OF METURAL RESIDER |
| Maret Son | | | 101 Bullifius Street. |
| 1) mannes activities | | | P.O. Bot 27647 |
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| Ē | | | Suger Critchen, Habitat Conservation Coordinator |
| To be and work to bring | 1 | | MINTER CARLLING WILLIAMS WESTONIES CONTESSED |
| () THE (/THE) BUT 187 | Ì | | Parietae, ac 27611 |
| | | | |
| 2) Ingional Coordination | | | 88/15/88 |
| 3) Mark Protection | | | |
| 1) lecture/entering | | | |
| Description (1) Sends Manufacture | | | John Bengin, Britandiensk Officer Hown condition wildling residence consisted |
| • | , | , | Wildish Briorogent Office |
| b) strandings | | | P.O. Box 10595 Shathwork Mr. 20061 |
| 1) Britroment | | | 916/276-5714 |

THERE 21, MATICULA RESIDENCE PROJECTS
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TABLE 21. MATTERNAL MESSENICH PROJECTS List turtle resperts activities funded within your country.

MATIONAL NEFORT FOR THE MITTED STATES OF AMERICA

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INSTITUTE OF MAINE SCIENCE
10STITUTE OF WAINE SCIENCE
3407 Armadell Street
Horebead City, Nr. 28557 919/726-691

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Riley Heggard, Project Courthhator P.O., box 650 Bearfort, M. 2816 919/720-2121

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Clay Gifford, VCE MYTERS SMIGNAL SEASHORE Noute 1, 10x 575 Honco, NC 27954 919/473-2112

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| • | DATES | E | |
| PROJECT TITLE | START | 5 | WWE & ADRESS OF INSTITUTION & CHIEF INVESTIGATOR |
| Education: 1) Curriculum | • | • | Alice Linder, Environmental Education Consultant SQUIN CANCILM DEPARTMENT OF EDUCATION Rutledge Building Columbia, SC 29201 |
| Percent | | | C. A. Peter Granger, Program Leader |
| Fishery Conflicts Education Inclumy/merhalop 2 miterial development | • | • | SOUTH CANDLING SEN BLANT CONSORTIUM 221 Fort Johnson Road Charleston, SC 29412 MREY/PS-61390 |
| A Marie Control of the Control of th | 1877 | • | Sally Moptins, Ton Merphy source candins allugife and Headle Resounces DEFT. 6.0. Dax 12559 Charleston, SC 29412 |
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| | TOTAL TIME | * no Partie have & Lagar | 1223 | 2) Protection 2) Protection 3) British 19 3) Protection 19 3) Protection 19 5) British Immedia | 1) Mary Mary Mary Mary Mary Mary Mary Mary | 1) Jestera Variable 1) Petient Osecimita (Denyta) | | THE 21. WITHER PRINCES PROJECTS List bario research articles |

MINERAL REPORT FOR THE UNITED STATES OF AMERICA

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| PRINCE TITLE | STREET | 8 | uine à Jeneiss et hestration à coter locsinage |
| funie and hadio Trucking of Henting <u>Caretty parocte</u> | - 4461 | 1833 | Thomas M. Marphy.Jr. S. C. Wildlife I Marias Recourses Dept P. O. Dez 2335 Charleston, M. 29837 |
| Abjects and Motte Parters Affecting Net Falluma of Carotts parets | - 441 | 1033 | Sally R. Wopkins (namy address as above) |
| Possibility of Resson America Therapy on Caretta caretta | 1887 - | 1870 | Solly R. Maptine (same address as above) |
| Amone the effectiveness of verious arthets of recoun- removal. | - 881 | 1362 | Selly It. Hopkine (ease address as above) < |
| Determine distribution of Ingerhead turtin meeting to traduction the method- ology for serial beach curvey | - 9661 | | Selly A. Mortine (seme address as above) |

TABLE 21, MATIONAL MESEARCH PROJECTS
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| decess the feachtility of series painties :- | 1300 - | | |
| Assess the artest of Soci- dental acton mortality by redio telemetry of cortasses | 881 | 1981 | Thomas M. Maryky, Jr. (Same address as above) |
| Domment the number of Inggerhand turtles union strand in 8. C. | 1900 - | 2061 | Sally N. Noptime (Same address as above) |
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TARLE 21. MATIQUAL RESEARCH PROJECTS TARLE 21. MATIQUAL RESEARCH PROJECTS

| DATES. | | | | | | |
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