

THE NATIONAL REPORT EL REPORTE NACIONAL

FOR THE COUNTRY OF
POR EL PAIS DE

SAINT KITTS-NEVIS

NATIONAL REPRESENTATIVE / REPRESENTANTE NACIONAL

RALPH WILKINS



Western Atlantic Turtle Symposium
Simposio de Tortugas del Atlantico Occidental

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

St. Kitts-Nevis National Report, WATS I Vol 3, pages 364-369



**WESTERN ATLANTIC TURTLE SYMPOSIUM
San José, Costa Rica, July 1983**

NATIONAL REPORT FOR THE COUNTRY OF

ST. KITTS/NEVIS

NATIONAL REPORT PRESENTED BY

Ralph Wilkins

The National Representative

Address:

Fisheries Division

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St. Kitts, W.I.

NATIONAL REPORT PREPARED BY

Ralph Wilkins and Anne Meylan

DATE SUBMITTED: 1 June 1983

Please submit this NATIONAL REPORT no later than 1 December 1982 to:

IOC Assistant Secretary for IOCARIBE

% UNDP, Apartado 4540

San José, Costa Rica



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:

Wilkins, R. and A. Meylan. 1984. National Report for Saint Kitts and Nevis, pp.364-369. *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*

COUNTRY: ST. KITTS AND NEVIS

Length of Coastline*	102.5 Km**
Saint Kitts	64.792 Km
Nevis	32.509 Km
Km ² of Continental Shelf Area	
Seaward Extent of Jurisdictions	
Territorial Sea	4.8 Km
Extended Economic Zone	
Fisheries Jurisdiction	4.8 Km
Other (Describe)***	
<p>* 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.</p> <p>** <i>Editor's note (2009):</i> Listed as 135 km by the World Fact Book (Central Intelligence Agency), 28 Nov. 2008 (https://www.cia.gov/library/publications/the-world-factbook/geos/sc.html)</p> <p>*** St. Kitts and Nevis are divided by a strait called the Narrows, two miles wide at the nearest points. Data on the areas of the continental shelf is not available. However, it is believed to extend about three miles from the coastline.</p>	

Marine Shoreline Characteristics*	Km of Shoreline		
	Undeveloped	Developed**	Total
1. Sand Beach (Total)			
St. Kitts			***21.1
Nevis			***8.8
A. High Energy			
B. Low Energy			
2. Reef (exposed)			
St. Kitts			***9.3
Nevis			***15.0
3. Rocks			
St. Kitts			***48.0
Nevis			***19.8
4. Cliffs			
St. Kitts			***44.0
Nevis			***4.8
5. Vegetation (Total)			
A. Vines			
B. Grasses			
C. Mangroves			
D. Coconut Trees			
E. Other Trees or Shrubs			
F. Marshes			
6. Mouths of Lagoons, Rivers, Canals			
7. Total Shoreline			
St. Kitts			****122.4
Nevis			****48.4

TABLE 2. COASTAL HABITAT INVENTORY OF MARINE SHORELINE			
Marine Shoreline Characteristics*	Km of Shoreline		
	Undeveloped	Developed**	Total
* Refer to SEA TURTLE MANUAL (Aerial Survey) ** Human development or use (See MANUAL) *** <i>Editor's note (2009):</i> Comment written on original National Report stated "Information taken from D.O.S. [--?--] on both islands". Throughout the ms, we will employ "--?--" to indicate where the corresponding text in the original report is indecipherable. **** <i>Editor's note (2009):</i> Totals corrected from values in original National Report to reflect accuracy in summed values; values submitted in the original National Report were "19.9" for St. Kitts and "22.5" for Nevis.			

TABLE 2A. MARINE HABITAT INVENTORY OF BOTTOM TYPES (supplementary page)

A detailed survey of the bottom has not yet been carried out. However, some information can be obtained from the Resource, Habitat, and Stock maps made by our planning unit. Some of which I am hoping to present at the symposium.

TABLE 3. NESTING BEACH INVENTORY			
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
St. Kitts			
1. Sandy Point	2.2	Cm; D; E	Cm; E: May-September D: March-May
2. Newton Ground	0.4	Cm; E	May-October
3. Dieppe Bay	0.4	Cm; E	May-October
4. Sandy Bay	0.2	Cm; E	May-October
5. Conaree	9.6	Cm; D; E	Cm; E: June-September D: March-May
6. North Friars Bay	0.6	Cm; D; E	Cm; E: June-September D: March-May
7. Sand Bank Bay	0.6	Cm; D; E	Cm; E: May-September D: March-May
8. Mosquito Bay	0.7	Cm; E	May-September
9. Majors Bay	0.1	Cm; E	May-September
10. Cockleshell Bay	0.6	Cm; E	May-September
11. Balast Bay	0.7	Cm; E	May-September
12. Garvey's Bay	0.5	Cm; E	May-September
13. Challenger's Bay	0.8	Cm, E	May-September
Nevis			
1. Pinney's Beach	4.5	Cm; E	May-October
2. Hurricane Hill	1.3	E	May-October
3. New Castle	0.8	E	May-October
4. Red Cliff (Canoe Bay)	0.2	Cm; D; E	Cm; E: [--?--] D: March-May
5. Indian Castle	0.3	Cm; D; E	Cm; E: [--?--]

TABLE 4.2. NESTING CENSUS FOR BEACH: Sandy Point Beach, St. Kitts*			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>			
<i>Chelonia mydas</i>	Not known	Not known	
<i>Dermochelys coriacea</i>	0-1	6	18 May, 1983
<i>Eretmochelys imbricata</i>	Not known	Not known	
<i>Lepidochelys kempfi</i>			
<i>Lepidochelys olivacea</i>			
* [--?--] to this beach.			

TABLE 4.3. NESTING CENSUS FOR BEACH: Conaree, St. Kitts*			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
<i>Caretta caretta</i>	1		
<i>Chelonia mydas</i>			
<i>Dermochelys coriacea</i>	0-1	12	18, 19 May 1983
<i>Eretmochelys imbricata</i>			
<i>Lepidochelys kempfi</i>			
<i>Lepidochelys olivacea</i>			
* Hawksbill (<i>Eretmochelys imbricata</i>) and green turtles (<i>Chelonia mydas</i>) have been known to nest on this beach. Also, information on estimated numbers is not available.			

TABLE 7. FORAGING AREAS INVENTORY			
Name of Area (or give coordinates)	Approx. Area (Km ²)	Species Foraging (use abbreviations & approx. numbers)	Nature of Evidence (observation, fishery, incidental catch)
1. Sandy Point		Cm; D; E	Observation and fishery
2. Willats / St. Paule		Cm; D; E	Observation and fishery
3. Dieppe Bay		Cm; D; E	Observation and fishery
4. Key's / Conaree		D; E	Observation
5. South Frigate Bay		Cm; E	Observation
6. Majors Bay		Cm; E	Observation and fishery
Species	Abbreviation		
<i>Caretta caretta</i>	Cc		
<i>Chelonia mydas</i>	Cm		
<i>Dermochelys coriacea</i>	D		
<i>Eretmochelys imbricata</i>	E		
<i>Lepidochelys kempfi</i>	Lk		
<i>Lepidochelys olivacea</i>	Lo		

TABLE 8. TURTLE SPECIES PRESENT ON FORAGING AREAS.													
Please complete one of these tables for each of the areas identified in Table 7. Number each table as enumerated in Table 7 (7-1, 7-2, etc.).													
Species	Month												Months of Greatest Activity
	J	F	M	A	M	J	J	A	S	O	N	D	
<i>Caretta caretta</i>													
<i>Chelonia mydas</i>	X	X	X	X	X	X	X	X	X	X	X	X	May-October
<i>Dermochelys coriacea</i>		X	X	X	X	X							March and April
<i>Eretmochelys imbricata</i>	X	X	X	X	X	X	X	X	X	X	X	X	May-October
<i>Lepidochelys kempi</i>													
<i>Lepidochelys olivacea</i>													

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.

1. There are predatory [--?--] * of hatchlings by mongooses, dogs, and sharks at sea
2. In most cases nests are raided by man for the eggs, very little [--?--] for hatchlings
3. Several tags from Bird Island have been recovered off turtles by fishermen in Nevis. Some were sent back to the address

TABLE 11. LANDING SITES FOR TURTLES AND TURTLE PRODUCTS				
Name of Port or Site	Species Landed (use abbrev)	Fishing Gear Used	Months of Landings	Numbers & Weights (estimate)
1. Basseterre	Cm; D; E	Set nets from [--?--]	[--?--] October-December	Very poor information
2. Sandy Point	Cm; D; E	Set nets, spears, nesting	[--?--] October-December	Very poor information
3. Saint Paul's	Cm; E	Set nets, spears	[--?--] October-December	Very poor information
4. Dieppe Bay	Cm; E	Set nets, spears	[--?--] October-December	Very poor information
5. Indian Castle	Cm; D; E	Set nets, spears	[--?--] October-December	Very poor information
Species	Abbreviation			
<i>Caretta caretta</i>	Cc			
<i>Chelonia mydas</i>	Cm			
<i>Dermochelys coriacea</i>	D			
<i>Eretmochelys imbricata</i>	E			
<i>Lepidochelys kempi</i>	Lk			
<i>Lepidochelys olivacea</i>	Lo			

* *Editor's note (2009)*: Throughout the ms, we use "[--?--]" to indicate where the corresponding text in the original report is indecipherable.

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

Institution or Organization Name And Address	No. of Active Members	Activities in Progress
Nevis Historical and Conservation Society Charleston Nevis	Approximately 160	1. Newspaper ads on conservation 2. [--?--] to government on enforcement [--?--] regulations
Environmental Research Projects 212 E. Broadway New York New York 10002	Not known	1. Posters and literature material 2. Provide programs on turtle conservation in St. Kitts

TABLE 20. REGULATORY AUTHORITY

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

Name and Address of Organization	Budget Allocation to Turtles	No. of Staff Assigned to Turtles	Comments on Levels of Enforcement
[--?--] St. Kitts	N/A	2	[--?--]
Police Department St. Kitts		Total	Some level of enforcement during nesting season

TABLE 20A. REGULATORY AUTHORITY (supplementary page)

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

See copy of turtle ordinance attached.

TURTLE

(CAP.99 831)

Chapter 99
Turtle

1st January, 1948. 9/1947

1. This Ordinance may be cited as the turtle Ordinance.
2. In this Ordinance, the word "turtle" names sea or river turtle.
3. Any person that -
 - (a) catches or takes, or attempts to catch or take or causes to be caught or taken, any turtle between the first day of June and the thirtieth day of September, both days inclusive; or
 - (b) or at any time catches or takes or causes to be caught or taken, any turtle which is under twenty pounds in weight; or
 - (c) or slaughters any turtle buys, sells, exposes for sale or has in possession the whole or any portion of the meat of such turtle, between the first day of June and the thirtieth day of September, both days inclusive; or
 - (d) at any time between the first day of June and the thirtieth day of September, both days inclusive, takes or attempts to take or causes to be taken, any turtle eggs; or
 - (e) at any time between the first day of June and the thirtieth day of September, both days inclusive, buys, sells, exposes for sale or has in his possession any turtle eggs,

shall be guilty of an offense against the Ordinance and as summary conviction shall be liable to a fine not exceeding twenty-four dollars.

4. If any constable shall have reasonable grounds for believing that [--?--] is committing or attempting to commit an offense against this Ordinance he may arrest such person without a warrant.
5. Any constable may seize any turtle or part thereof or any turtle eggs found in the possession of any person between the first day of June and the thirtieth day of September in any year, and upon the conviction of the person the articles so mentioned shall be forfeited.
6. Any net, instrument or thing which any constable has reasonable grounds for believing is being or has been used for or in connection with the commission of any offense against this Ordinance shall be seized by such constables, and any Magistrate may [--?--] the conviction of any person for an offense against this Ordinance in connection with which each net, instrument or things seized and used, either such net, instrument or thing to be forfeited.

Short title
Interpretation
Offenses

Power of arrest

Forfeiture of
turtles, etc.

Forfeiture of
nets, etc.

REPORTS AND PUBLICATIONS

The following is a list of the major reports and publications concerned with national turtle resources (list author, date, title, and publisher).

Caldwell, D. K. & W. F. Rathjen. 1969. Unrecorded West Indian nesting sites for the leatherback and hawksbill sea turtles, *Dermochelys coriacea* and *Eretmochelys imbricata*. *Copeia* (3): 622-623.

Camp, E. 1980. Data Atlas 38. Saint Kitts / Nevis.

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W. A. T. S.



S. T. A. O.



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WESTERN ATLANTIC TURTLE SYMPOSIUM

San Jose, Costa Rica

July 1983

NATIONAL REPORT FOR THE COUNTRY OF

St Kitts/Nevis

NATIONAL REPORT PRESENTED BY

Ralph Wilkins
The National Representative

Address: Frederick Division

Ministry of Agriculture

P.O. Box 186 Roseau

St Kitts, W.I.

NATIONAL REPORT PREPARED BY

Ralph Wilkins and Ross Ripley

DATE SUBMITTED: 16 June 1983

Please submit this NATIONAL REPORT no later than 1 December 1982
to: IOC Assistant Secretary for ICMRIBG, S UNDP, Apartado 4540,
San Jose, Costa Rica.

TABLE 3. NESTING SEASON INVENTORY (Supplementary page)

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

ST KITT'S

1. White beaches near a new sewage treatment plant with extensive vegetation on sea walls. Seals, terns, and gulls by abundance decrease on land.
2. The Sandy Point, Courade and Three Islands on the Neuvius (offshore), Courade, Sand and the White Islands and the main nesting grounds in ST KITT'S.
3. Courade nesting only as done on the island on the Courade, Fagrite Bay and Three Islands on the Courade area on white sand beach.

(ST KITT'S) NAME OF BEACH	LENGTH IN KM	SPECIES NESTING (Use abbreviations)	MONTHS OF RECORDED NESTING
1. Sandy Point	1.7	E. C.M.	May - Sept
2. Courade	1.5	E. C.M.	
3. Courade	1.8	E. C.M.	
4. (S.E. ISLAND)			
5. Sandy Point	1.5	E. C.M.	May - Sept
6. Neuvius Hill	1.3	E.	
7. White Beach	1.8	E.	
8. White Beach	1.2	E. C.M.	March - May
9. White Beach	1.3	E. C.M.	March - May
10.			

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

Species Abbreviations:
 ST. KITTS
 ST. KITTS
 ST. KITTS
 ST. KITTS
 ST. KITTS
 ST. KITTS
 ST. KITTS
 ST. KITTS

(ST KITT'S) NAME OF BEACH	LENGTH IN KM	SPECIES NESTING (Use abbreviations)	MONTHS OF RECORDED NESTING	NUMBER OF NESTS	
				Male/Female (Average)	Male/Female (Estimated)
1. Sandy Point	2.2	E. C.M., E.	March - May		
2. Neuvius Hill	1.4	E.M., E.	May - Sept		
3. Sandy Point	1.4	E.M., E.	May - Sept		
4. Courade	1.8	E.M., E.	May - Sept		
5. Courade	1.6	E. C.M.	March - May		
6. White Beach	1.6	E. C.M.	March - May		
7. White Beach	1.6	E. C.M.	March - May		
8. White Beach	1.7	E. C.M.	May - Sept		
9. White Beach	1.1	E. C.M.	May - Sept		
10. Courade	1.6	E. C.M.	May - Sept		

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

Species Abbreviations:
 ST. KITTS
 ST. KITTS
 ST. KITTS
 ST. KITTS
 ST. KITTS
 ST. KITTS
 ST. KITTS

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Male/Female (Average)	Male/Female (Estimated)	
Sterna bergii			
Sterna bergii			
Sterna bergii			
Sterna bergii			
Sterna bergii			
Sterna bergii			
Sterna bergii			
Sterna bergii			
Sterna bergii			

TABLE 4. NESTING SEASON INVENTORY. List beaches in geographic sequence. Provide additional information on following page.

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

ST. KITTS
 ST. KITTS
 ST. KITTS
 ST. KITTS
 ST. KITTS
 ST. KITTS
 ST. KITTS

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Wests/Africa (Europe)	Wests/Africa (Estimated)	
<i>Scolecophagus</i>			
<i>Chalcids</i>	Mr. Kuznetsov	Mr. Kuznetsov	
<i>Scaphisoma</i>	0-1	6	10-5-63
<i>Scaphisoma</i>	Mr. Kuznetsov	Mr. Kuznetsov	
<i>Leptochelone</i>			
<i>Leptochelone</i>			

TABLE 1. J. NESTING COMES PER BEACH - Sandy Beach, 3, 2, 1 (mm)

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

Small animals to this station

NAME OF AREA (or give coordinates)	SPICES FORAGING (see abbreviations in Appendix 1)	NATURE OF SURFACE (Observation, Fishery, Incidental, etc.)
1. <u>Sandy Beach</u>	3 E, 1 CA	Observation & Fishery
2. <u>Shoreline/Gr. Pond</u>	E, CA, D	Observation & Fishery
3. <u>Shore Bay</u>	E, CA, D	Observation & Fishery
4. <u>Key/Lagoon</u>	D, E	Observation
5. <u>Shoreline Bay</u>	E, CA	Observation
6. <u>Shoreline Bay</u>	E, CA	Observation & Fishery

TABLE 2. FORAGING ANIMALS ENCOUNTERED

1. Piney's Beach

Species Abbreviations:
 S - *Scolecophagus*
 C - *Chalcids*
 CA - *Chalcids*
 D - *Diplopoda*
 E - *Entomobrya*
 F - *Ferula*
 G - *Glyptotendipes*
 H - *Hemiptera*
 I - *Isopoda*
 J - *Japygidae*
 K - *Karyocera*
 L - *Leptochelone*
 M - *Mecoptera*
 N - *Nematode*
 O - *Oligoneuridae*
 P - *Plecoptera*
 Q - *Quadrupoda*
 R - *Rhynchiptera*
 S - *Scolecophagus*
 T - *Tardigrada*
 U - *Uroplata*
 V - *Vespa*
 W - *Worms*
 X - *Xiphosura*
 Y - *Yule*
 Z - *Zoraptera*

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Wests/Africa (Europe)	Wests/Africa (Estimated)	
<i>Scolecophagus</i>			
<i>Chalcids</i>	None		
<i>Scaphisoma</i>	0-1	12	10-5-63
<i>Scaphisoma</i>			
<i>Leptochelone</i>			
<i>Leptochelone</i>			

TABLE 4. J. NESTING COMES PER BEACH - Grassy Beach (mm)

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

Animals and feces found here have been known to nest on this beach. Information on Estimates Numbered and not included.

SPECIES	MONTH												DAYS OF NEAREST ACTIVITY		
	J	F	M	A	M	J	J	A	S	O	N	D			
<i>Scolecophagus</i>															
<i>Chalcids</i>															May - Oct.
<i>Scaphisoma</i>															March & April
<i>Scaphisoma</i>															May - Oct.
<i>Leptochelone</i>															
<i>Leptochelone</i>															

TABLE 5. TITLES SPECIES PRESENT ON FORAGING ANIMALS. Please complete one of these tables for each of the areas identified in Table 2. Number each table as enumerated in Table 2 (1-1, 2-1, 3-1, etc.).

TABLE 10. 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 incubation, etc.

1. Tame and temporary retention of hatchlings by employees, days and hours at sea.
2. In what cases were the nests destroyed and when the eggs were destroyed and when the hatchlings were destroyed and when the hatchlings were destroyed.
3. Several tags from birds found were given researchers and placed by researchers in nests. Some were sent back to the researcher.

NAME OF PORT OR SITE	SPECIES LANDED (Use abbrev)	FISHING GEAR USED	PRINTS OF LANDING	NUMBERS & WEIGHTS (Estimate)
1. <u>Beachwood</u>	3, 4, 5, 6, 7	Set Mesh, 300m, 100m	100-150	1000 2000 3000 4000 5000 6000 7000 8000 9000 10000
2. <u>Sandy Beach</u>	2, 3, 4, 5, 6, 7	Set Mesh, 300m, 100m	100-150	1000 2000 3000 4000 5000 6000 7000 8000 9000 10000
3. <u>S. Pines</u>	2, 3, 4, 5, 6, 7	Set Mesh, 300m, 100m	100-150	1000 2000 3000 4000 5000 6000 7000 8000 9000 10000
4. <u>Diene Bay</u>	2, 3, 4, 5, 6, 7	Set Mesh, 300m, 100m	100-150	1000 2000 3000 4000 5000 6000 7000 8000 9000 10000
5. <u>Tubon Cove</u>	2, 3, 4, 5, 6, 7	Set Mesh, 300m, 100m	100-150	1000 2000 3000 4000 5000 6000 7000 8000 9000 10000
6.				
7.				
8.				

TABLE 11. LANDING SITES FOR TURTLES & TURTLE PRODUCTS

Species Abbreviations:
 Caretta caretta
 Chelonia mydas
 Dermochelys coriacea
 Eretmochelys imbricata
 Lepidochelys olivacea
 Lijuechelys olivacea

INSTITUTION OR ORGANIZATION NAME AND ADDRESS	NO. OF ACTIVE MEMBERS	ACTIVITIES IN PROGRESS
State University and University of California Conservation Administration 212 S. University (1964) Berkeley, California 94720	1000	1. Research on the conservation of turtles and turtle products. 2. Research on the conservation of turtles and turtle products. 3. Research on the conservation of turtles and turtle products.

TABLE 12. PUBLIC AND PRIVATE INSTITUTIONS CONCERNED WITH TURTLE CONSERVATION/MANAGEMENT/UTILIZATION

